OPERATIONS, MAINTENANCE AND ADMINISTRATION SUMMARY

1. INTRODUCTION

This Schedule provides an overview of Hydro Ottawa's total operating expenses, in the contexts of both the 2016-2020 and 2021-2025 rate periods. These expenses include Operations, Maintenance and Administration ("OM&A") expenditures, Property Taxes, Depreciation and Amortization expenses, and Payments in Lieu of Taxes ("PILS"). Detailed information with respect to each of these operating expenses is available in Exhibit 4-1-3: Operations, Maintenance and Administration Program Costs, Exhibit 4-1-4: Operations, Maintenance and Administration Cost Drivers and Program Variance Analysis, Exhibit 4-3-1: Depreciation, Amortization Disposal, and Exhibit: 4-4-1: Payments in Lieu of Taxes.

Please note that throughout this evidence, unless it is explicitly stated otherwise, OM&A is **inclusive** of property taxes.

Table 1 summarizes Hydro Ottawa's total operating expenses for the 2021-2025 period.

Table 1 – 2021-2025 Total Operating Expenses ($'000,000s)

	2021	2022	2023	2024	2025
OM&A excluding Property Tax	$90.8	$93.1	$95.4	$97.8	$100.2
Property Tax	$3.1	$3.2	$3.3	$3.4	$3.5
OM&A including Property Tax	$93.9	$96.3	$98.7	$101.2	$103.7
Depreciation	$52.5	$56.9	$59.1	$60.7	$64.0
PILS	$1.0	$5.2	$8.8	$11.8	$7.8
TOTAL[1]	**$147.5**	**$158.4**	**$166.6**	**$173.7**	**$175.5**

[1] Totals may not sum due to rounding.

2. OM&A SUMMARY

2.1 OVERVIEW

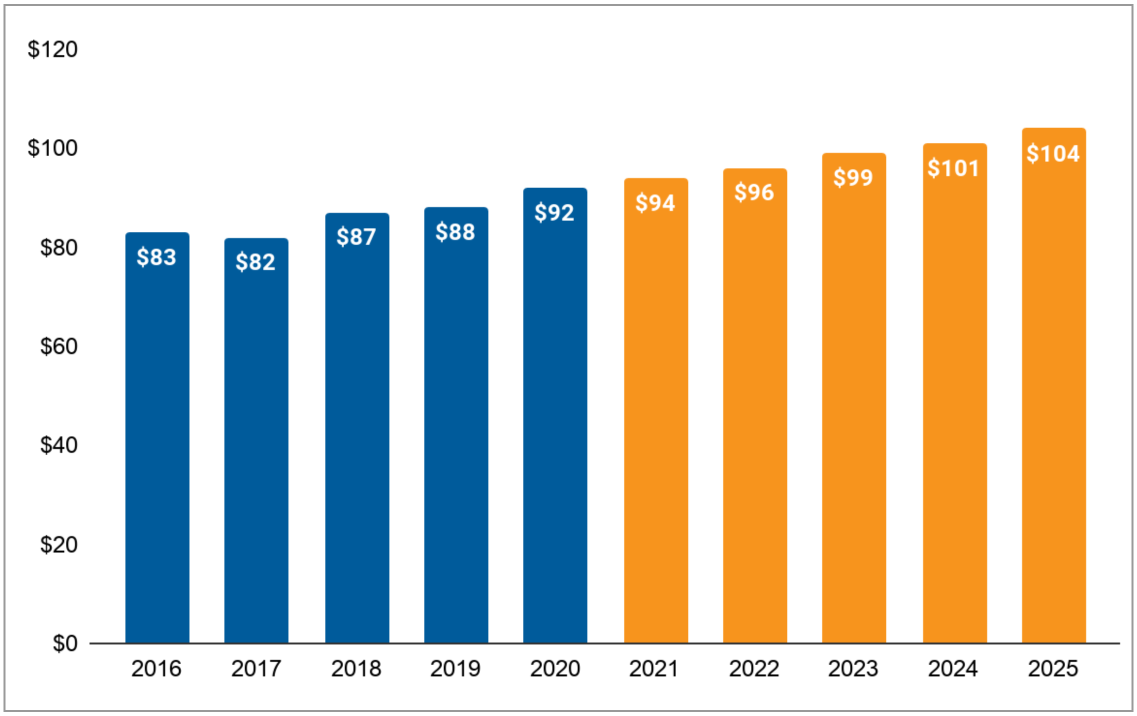
Hydro Ottawa's forecasted OM&A expenses include costs that are incurred to continue providing a safe and reliable electricity distribution system, meeting legislative and regulatory compliance requirements, and satisfying other operational and maintenance needs.

During the 2016-2020 period, Hydro Ottawa completed key OM&A-related projects and programs, such as operating and maintaining overhead and underground distribution lines, feeders, transformers, and distribution stations. The utility also incurred operations and maintenance costs for programs designed to invest in proactive measures to avoid long-term OM&A and capital costs. Examples of such programs include vegetation management and asset maintenance.

Key projects and programs in the 2021-2025 period include distribution maintenance and operations programs, such as vegetation management, underground locates, information technology ("IT") maintenance, contact centre and billing activities, stations maintenance, and meter operations and testing activities.

Figure 1 below summarizes Hydro Ottawa's OM&A expenses over both rate periods (2016-2020 is displayed in blue; 2021-2025, in orange).

Figure 1 – 2016-2025 OM&A Expenses ($'000,000s)



2.2 OM&A COST DRIVERS

Key cost drivers for OM&A are as follows:

Proactive and Reactive Distribution System Maintenance

This includes power outage restoration work due to storms, vegetation management (e.g. tree trimming for purposes of storm hardening), underground cable locates, distribution system inspections, and clean-up of sites contaminated by leaks/spills.

Employees, Equipment, and Facilities

Hydro Ottawa relies upon a skilled and experienced workforce that is equipped with the tools necessary to perform its work safely and efficiently. Ongoing employee training is required as the workforce is renewed due to retirements. This ensures that employees continue to work safely and keep pace with the new skill sets associated with a more sophisticated distribution system and evolving business landscape.

IT & Operational Technology Systems and Communications

Many of the utility's IT and operational technology systems require ongoing support, maintenance, and protection, including for purposes of cyber security. Examples of such systems include the Supervisory Control and Data Acquisition System, Geographic Information System, Customer Care and Billing System, Outage Management System, Enterprise Resource Planning ("ERP") system, and Human Capital Management ("HCM") system. The needs and costs associated with software licensing are also increasing.

For additional details on OM&A cost drivers, please see Exhibit 4-1-4: Operations, Maintenance and Administration Cost Drivers and Program Variance Analysis.

2.3 PRODUCTIVITY INITIATIVES & SAVINGS

Some of the key productivity improvements undertaken by Hydro Ottawa during its 2016-2020 rate term include the launch of an upgraded ERP system and new HCM system, migration to a new customer contact centre service provider, and implementation of a Mobile Workforce Management tool. Further details on these and other such initiatives are provided in Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives.

With respect to Hydro Ottawa staffing levels, these are set to decrease in 2021 from 2019 levels (see Attachment 4-1-5(C): OEB Appendix 2-K - Employee Costs). Ongoing and expected productivity improvements mean that the utility will be able to accomplish more while ensuring overall headcount remains stable and associated compensation costs are controlled. In addition, it should likewise be noted that Hydro Ottawa is currently serving more customers than it was in 2015, with the customer base having increased by almost 5%, as of the end of 2019.[2]

During the internal budgeting process at Hydro Ottawa for the 2021-2025 period, the initial levels of OM&A expenditures proposed by the various Divisions within the utility translated into

[2] As of the end of 2015, Hydro Ottawa's total customer count was 323,919. This number increased to 339,771 as of the end of 2019. The addition of 15,852 customers during that timeframe is equivalent to approximately a 5% increase.

an overall OM&A Compound Annual Growth Rate ("CAGR") of 3.5%.[3] This growth was attributable to increases in program activities, salaries and benefit costs, fuel costs, and market priced contracts.

The proposed 2021-2025 OM&A spending levels were reviewed by the Executive Management Team and several adjustments/reductions were made to the proposals. One significant modification was that inflationary adjustments were not applied to programs where inflationary growth was not already explicitly included (e.g. wages set through the collective bargaining process). As a result, Hydro Ottawa will manage these programs and their associated costs to 2020 cost levels.

In addition, Hydro Ottawa applied a custom OM&A productivity escalator to its planned 2021 OM&A levels. The custom escalator applied was 2.51%.[4] The application of this custom escalation factor resulted in a reduction to OM&A spending over the 2021-2025 rate term of approximately $13.1M. These savings will be achieved in large part through productivity and continuous improvement initiatives, as described in Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives. Hydro Ottawa is committed to productivity and continuous improvement, and is confident that it has proposed a reasonable target for OM&A productivity.

3. PROPERTY TAXES

Property taxes are paid to the City of Ottawa annually based on the value of its buildings and substations and the associated municipal tax rates. For more information, please see Exhibit 4-1-4: Operations, Maintenance and Administration Cost Drivers and Program Variance Analysis.

[3] Details on the parameters that governed the internal budgeting process at Hydro Ottawa can be found in Attachment 1-1-9(A): Corporate Memorandum - 2020-2025 Priorities and Budget Guidelines.
[4] For more information on this productivity escalator and how it was calculated, please see Exhibit 1-1-10: Alignment with the Renewed Regulatory Framework.

4. DEPRECIATION AND AMORTIZATION EXPENSES

For more information regarding Hydro Ottawa's Depreciation and Amortization expenses, please refer to Exhibit 4-3-1: Depreciation, Amortization Disposal.

5. PAYMENTS IN LIEU OF TAXES

Pursuant to its obligations under Section 93 of the *Electricity Act, 1998*, Hydro Ottawa is liable for the payment of PILS to the Ministry of Finance based on its taxable income. For more information regarding PILS, please see Exhibit 4-4-1: Payments in Lieu of Taxes.

SUMMARY OF CORPORATE DIVISIONAL FUNCTIONS

1. INTRODUCTION

The purpose of this Schedule is two-fold: (i) to identify the various Divisions within Hydro Ottawa's corporate structure; and (ii) to describe the functions and activities that are carried out by these Divisions.

Hydro Ottawa's employees are organized within the following Divisions:

- Chief Electricity Distribution Officer
- Chief Customer Officer
- Chief Information and Technology Officer
- Chief Financial Officer
- Chief Human Resources Officer
- Corporate Planning and Governance Group
- Legal Services Group
- Office of the President and Chief Executive Officer

The Divisions deliver value to the customer and the organization by providing core services in an effective and efficient manner.

At the outset of this Schedule, it merits observation that the costs associated with any services provided by any Division to other entities within the larger corporate enterprise of which Hydro Ottawa is a member (i.e. affiliates or Hydro Ottawa Holding Inc. [the "Holding Company"]) are appropriately calculated and allocated pursuant to Service Level Agreements ("SLAs"). For more details, please see Exhibit 4-2-1: Shared Services and Corporate Cost Allocation. Similarly, it should be noted that certain Divisions are based in the Holding Company with an allocation to Hydro Ottawa (i.e. Office of the President and Chief Executive Officer, Corporate Planning and Governance, and Legal Services).

For each Division within the utility, this Schedule provides the following information:

- A description of key activities and business areas, and an explanation of how these are aligned with the utility's corporate strategy as well as the OEB's Renewed Regulatory Framework ("RRF");
- An overview of key initiatives for the 2021-2025 period, with particular emphasis on value for the customer; and
- An outline of the key productivity and continuous improvement initiatives that have been undertaken during Hydro Ottawa's 2016-2020 rate term, as well as the productivity and continuous improvement initiatives that are planned for the 2021-2025 period.

2. CHIEF ELECTRICITY DISTRIBUTION OFFICER

2.1. INTRODUCTION

The Chief Electricity Distribution Officer ("CEDO") Division is comprised of seven main business areas that are responsible for planning, engineering, design, construction, and maintenance to provide a safe and reliable electricity distribution system. The Division also shoulders responsibility for 24/7 system monitoring and control, as well as emergency response planning, execution, and restoration.

Key statistics and figures with respect to the average work performed by CEDO employees on an annual basis are as follows:

- Over $100M in capital work performed;
- 500-600 System Access, System Service, and System Renewal projects;
- 4,000-5,000 customer connections;
- 2,500-3,000 isolation and re-energizations performed for service upgrades, service removals, and non-electrical maintenance;
- Over 2,800 work permits issued; and
- More than 3,800 switching orders performed.

In addition, through Hydro Ottawa's membership in the North Atlantic Mutual Assistance Group, field crew personnel in CEDO provide emergency restoration support to other utilities across Canada and the United States.

2.2. BUSINESS AREAS

- **System Operations:** is responsible for ensuring overall grid integrity, security, reliability, and optimization. This group serves as the controlling authority for distribution operations by conducting 24/7 monitoring and management of the power system. During system and emergency events, System Operations coordinates the planning and execution of the utility's response and restoration activities, ensuring the safety of personnel and minimization of the duration and impact of the disturbance.

- **Asset Planning and Distribution Engineering:** plans, develops, and oversees distribution inspection, testing, maintenance, and capital programs. This includes the development and maintenance of design and construction standards to enhance the durability and reliability of distribution plant, and to ensure the safety of staff and the public at large. This group also performs a project management function for large substation construction and refurbishment.

- **Distribution Design:** designs and manages all System Service, System Renewal, and System Access construction projects.

- **Distribution Construction and Maintenance:** encompasses all overhead and underground personnel responsible for construction, maintenance, reliability, and emergency response. Employees from this group also provide emergency restoration support to other utilities in Canada and the United States.

- **Program and Contractor Management:** oversees the inspection, maintenance, and construction contractors who provide support and services in the execution of the utility's annual programs. Scheduling and monitoring the status of programs and projects through execution likewise falls under the purview of this group. In addition, this group owns and operates the Mobile Workforce Management system that schedules and dispatches high-volume, short-duration work to crews performing the following functions: metering, field collections, inspections, vegetation management, and new customer servicing.

- **Stations:** performs all field work associated with the following: (i) construction, maintenance, upgrades, and inspections of all distribution substations within the service territory; and (ii) grid automation and communication systems to facilitate improved system monitoring and remote power restoration.

- **Metering:** acquires, installs, maintains, and monitors the testing of meters. Meter Data Services is also embedded within this group and is responsible for reading and validating all data from every meter point to ensure accurate billing and settlement for electricity that is purchased and sold by Hydro Ottawa.

2.3. 2021-2025 BUSINESS PRIORITIES

The CEDO Division performs many of the basic functions that are essential to the utility's ownership and operation of its distribution system. In many ways, Hydro Ottawa's ability to achieve its strategic objectives relating to Customer Value, Organizational Effectiveness, and Financial Strength (and by extension, their RRF counterparts of Customer Focus, Operational Effectiveness, and Financial Performance) is contingent upon CEDO's success in fulfilling its broad set of accountabilities.

Accordingly, foremost among the chief priorities for CEDO over the course of 2021-2025 will be the successful execution of all capital and maintenance programs, on time and on budget. Areas of particular focus and emphasis will include the quality and cost-effectiveness of workforce scheduling and contractor management. For the sustainment capital program, priority attention will be given to aging infrastructure, pockets of the service territory with persistent reliability issues, and station capacity. In the demand capital program, attention will be fixed on new customer connections, system expansions, and plant relocations and upgrades driven by the needs of third parties. And in the testing, maintenance, and inspection programs, a crucial priority will remain ongoing evaluations of distribution system assets such as poles, cables, switches, and underground chambers.

Alongside the aforementioned activities, another major priority will be maintaining and enhancing Hydro Ottawa's best-in-class reliability metrics, the attainment of which the utility has worked rigorously to achieve in recent years.

Finally, CEDO will help support revenue diversification efforts within the utility, through the development of multiple service and construction offerings (e.g. emergency repair and replacement of customer-owned distribution assets, meter services for other entities, distribution substation services to private businesses and other electricity distributors, and forestry services). Likewise, CEDO will look for opportunities to expand Hydro Ottawa's distribution system through the acquisition of customer-owned assets, where appropriate and cost-effective.

2.4. KEY 2021-2025 PRODUCTIVITY & CONTINUOUS IMPROVEMENT INITIATIVES

Productivity in the CEDO Division during the 2021-2025 period will focus on a number of different themes, including enhancing organizational effectiveness in execution processes, increasing "wrench time" for crews, redeploying resources to higher value work, effectively managing contractors, increasing automation, and modernizing the grid.

For example, Hydro Ottawa is set to explore the implementation of seasonal construction shifts. These would take advantage of the increased amount of daylight in the spring and summer months to increase crew productivity, reduce overtime costs, and improve customer service. Similarly, using Global Positioning System analytics, the utility plans to identify impediments to the optimization of crews' wrench time, and undertake process and resource improvements to alleviate them. Cost savings are likewise expected to accrue from the ongoing refinement of programs requiring support from external contractors. Annual savings are projected for vegetation management over the course of 2021-2025. Finally, continuous improvement with respect to grid modernization will concentrate largely on optimizing the functionality and value of existing meters. Action in this regard will include deployment of a cloud-based analytics platform to enhance the harvesting and analysis of data that is collected from customers' meters, as well as the installation of new equipment to improve the communications and data transfer capability of existing metering infrastructure.

For more information on continuous improvement activities planned for the 2021-2025 period, please see Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives.

3. CHIEF CUSTOMER OFFICER

3.1. INTRODUCTION

Hydro Ottawa established the executive role of Chief Customer Officer ("CCO") in 2016. This action was undertaken as part of a larger package of leadership and organizational shifts that were intended to better align the utility with the goals set forth in its *2016-2020 Strategic Direction* – and, in particular, with the overriding imperative to put the customer at the centre of everything the organization does.

Creation of the CCO position consolidated the organization's primary customer experience functions under one administrative structure. By organizing these groups together within one corporate Division, Hydro Ottawa has been better able to leverage, align, and expand its customer service offerings, advance the delivery of the utility's Customer Experience Strategy, and position Hydro Ottawa as an innovative and truly customer-centric organization.

The CCO Division fosters direct and meaningful relations with customers, and acts as a liaison between the customer and the utility. CCO guides the direction of the business in terms of customer needs, influencing corporate activities and initiatives to ensure that the customer experience is understood, appreciated, and considered in all major decisions, at all times. It works with other teams to actively identify and capitalize on opportunities to streamline customer processes, to offer new services, and to leverage new technologies.

In addition, CCO is responsible for the administration of all new service connections, service upgrades, and service removal processes for residential and small commercial customers, including supporting customers as they navigate through the lifecycle of their individual jobs.

The CCO Division collaborates with other Divisions across the utility for several purposes (e.g. to support the testing and integration of new regulatory requirements into Hydro Ottawa's operations). CCO also assists Divisions in enhancing the larger Hydro Ottawa brand through effective communications, marketing, and customer relationship management. This includes building a robust level of employee ambassadorship and contribution by engaging employees in customer-related initiatives.

3.2. BUSINESS AREAS

- **Customer Care:** manages customer interaction activities, including the handling of the 260,000 calls received every year through the Customer Contact Centre, customer correspondence, new customer account requests, changes to existing customer accounts, move requests, Auto Pay and Equal Monthly Payment Plan requests, complex customer inquiries, and reporting. In addition, this group oversees the Service Desk, which assists customers and contractors with a number of services that include new service connections, service modifications, and maintenance.

- **Customer Experience:** plans and implements initiatives focused on continuously improving the customer journey, enhancing understanding of customer needs, preferences, and behaviour, and maximizing choice, convenience, and control for customers in their interactions with Hydro Ottawa. This group also collects, reviews, and reports on customer analytics to pinpoint trends, address recurring customer issues, and identify opportunities to further enhance existing processes and services. Another major responsibility is proactively managing relationships with Key Account customers and supporting their diverse needs with respect to costs, energy management, power quality, and energy efficiency. Finally, this group is accountable for the execution of remaining projects under the interim framework for energy efficiency in Ontario, and identifying opportunities for future development and implementation of customized local energy efficiency projects and programs.

- **Billing and Collections:** oversees the production of 3.6 million customer bills on an annual basis, processing of bill payments, and collection of amounts owing on customer accounts (including through enlisting the services of collection agencies). The administration and delivery of programs aimed at assisting customers who are having difficulty with bill payment (e.g. Ontario Electricity Support Program and Low-income Energy Assistance Program) is also the responsibility of this group.

- **Communications and Public Affairs:** advances Hydro Ottawa's brand and reputation as a trusted partner and a vital community asset, by creating awareness of Hydro Ottawa's work, plans, and community contributions. Through numerous platforms such as social and traditional media, web channels, and mobile applications, this group guides the execution of a comprehensive communications strategy directed at customers, the general public, the media, and other key external stakeholders. In addition, it provides strategic and operational communications support to other Divisions across Hydro Ottawa, including the President & Chief Executive Officer ("CEO") and Executive Management Team. This includes crisis communications support during severe outages and weather events, as well as advertising and marketing programs. Other responsibilities consist of issues management, administration of the utility's community investment program, community relations and consultation, public education, and relations with the City of Ottawa (the sole shareholder of the larger corporate enterprise of which Hydro Ottawa is a member).

3.3. 2021-2025 BUSINESS PRIORITIES

Over the course of its 2016-2020 rate term, Hydro Ottawa has been implementing a formal Customer Experience Strategy and an accompanying roadmap for action. The overarching goals of this strategy are to become a partner for customers that is easy to do business with, caring, and efficient, and to deliver seamless customer service excellence across all channels and customer touchpoints. Five strategic imperatives guide this strategy:

- Developing a customer-centric culture
- Understanding customers
- Improving customer touchpoints
- Providing leading services and products
- Enhancing technologies and processes

As discussed elsewhere in this Application, tremendous progress has been made thus far in meeting the commitments and targets under this strategy.[1] Notwithstanding this success, however, more work is required to comprehensively fulfill the ambitious scope of the strategy.

Accordingly, the top priority for the CCO Division during the 2021-2025 period will be continuing this journey towards taking the customer experience to the next level of excellence, and offering customers more personalization, choice, convenience, and self-serve capability in the services provided by Hydro Ottawa. Examples of projects and initiatives that will be rolled-out in support of these priorities include the following: implementing systems and processes to enable one-to-one conversations with customers; developing an interface to centralize customer data points to allow for targeted and personalized communications; and expanding product offerings for Key Accounts, developers, and contractors.

The linkage between the foregoing activities and Hydro Ottawa's core strategic objective of Customer Value is clear. The nature of CCO's work, and the outcomes thereof, also give rise to robust connections between the Division's actions and the three other areas of focus within the utility's broader business strategy – i.e. Organizational Effectiveness, Financial Strength, and

[1] For more details, please see the following: Attachments 1-1-10(A), 1-1-10(B), and 1-1-10(C): 2016, 2017, and 2018 Annual Summaries - Achieving Ontario Energy Board Renewed Regulatory Framework Performance Outcomes; Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives; Exhibit 1-2-1: Customer Engagement Overview; and Attachment 1-2-1(B): Customer Strategy.

Corporate Citizenship. In turn, the Division's responsibilities dovetail directly with all of the performance outcome categories under the RRF.

3.4. KEY 2021-2025 PRODUCTIVITY & CONTINUOUS IMPROVEMENT INITIATIVES

In step with the core tenets of Hydro Ottawa's business strategy, the productivity and continuous improvement activities planned by CCO for the upcoming rate term are all anchored in the fundamental imperatives of putting the customer at the centre of everything the utility does – providing more personalization, choice, convenience, control, and self-serve capability to customers – and of embracing greater automation in business processes.

Of all the productivity initiatives being proposed, the most consequential is arguably the deployment of a digital Customer Relationship Management ("CRM") platform that will enable a 360-degree view of customer activity across the organization. This initiative will provide a single, end-to-end picture of the customer's journey aggregated from across various channels, systems, and data silos. By providing a unified view of all customer touchpoints, Hydro Ottawa will gain greater customer insight to deliver more personalized and engaging customer experiences, improve customer intelligence, and achieve corporate performance objectives.

Among the most compelling aspects of this project is that its benefits will ripple across numerous functional areas within the utility – not just in the CCO Division, but in several other Divisions as well. With customer data currently residing in multiple systems, there are barriers to achieving direct, holistic, real-time line-of-sight into a customer's profile, preferences, and interaction and touchpoint history. Equipped with the CRM solution, however, business units company-wide will enjoy full visibility into account activity (whether for low-volume or Key Account customers), thus positioning the utility to more efficiently serve and segment customers based upon their unique needs and priorities.

For more information on continuous improvement activities planned for the 2021-2025 period, please see Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives.

4. CHIEF INFORMATION AND TECHNOLOGY OFFICER

4.1. INTRODUCTION

The Chief Information and Technology Officer ("CITO") Division provides vision and leadership for developing and implementing information technology ("IT") and operational technology ("OT") initiatives, in alignment with Hydro Ottawa's business strategy. CITO plans and oversees the utility's IT/OT initiatives and information management needs, while supporting corporate functions through functional leadership and appropriate IT capabilities. This includes partnering with other Divisions – as well as other entities across the larger corporate enterprise – to fulfil their mandates by developing, implementing, and supporting technology that facilitates the efficient delivery of services and functions. CITO also has a stewardship mandate in relation to the lifecycle management of Hydro Ottawa's physical IT assets, as well as its information assets. The utility balances IT needs not only to enable robust business operations but also to advance strategic and growth objectives, while ensuring compliance with privacy and access to information laws.

4.2. BUSINESS AREAS

- **Planning & Programs:** leads, shapes, and guides the planning, execution, and delivery of technology initiatives. This includes translating corporate strategy into actions, setting priorities, aligning goals and outcomes, assigning project managers, managing governance, and reporting on investment decisions. In addition, this team shoulders responsibility for information management, which is defined as the collective management of people, processes, and technology to provide control over the structure, processing, delivery, and usage of information required for business intelligence and operations.

- **Infrastructure Management:** manages all of the utility's data centers and computing infrastructure such as hardware, software, and network resources. The delivery of essential IT services also falls under the scope of this group and consists of services like server deployment, desktop refresh, storage management, email and collaboration tools, voice and mobility services, business continuity planning, security patching, and the IT helpdesk.

- **Enterprise Applications:** acquires, develops, and integrates applications capability in support of business systems and solutions. These include the following: meter-to-cash operations; web, mobile, and digital technology channels (e.g. corporate website and intranet, MyAccount online customer self-service portal, and mobile application); back office enterprise resource planning system for accounting, supply chain, inventory, payroll, and human capital management; job scheduling; field crew dispatch; and asset planning. This group also serves as the custodian of raw enterprise data, database administration, data governance, and the mechanisms by which data is delivered across business systems.

- **Cybersecurity:** maintains a highly active program to safeguard the integrity, confidentiality, and availability of Hydro Ottawa's information and systems. This program is comprised of an evolving set of tools, risk management approaches, technologies, training, and best practices designed to protect networks, devices, programs, and data from attacks or unauthorized access. Cybersecurity services are managed in conjunction with an ecosystem of partners to ensure technical, legal, and communication support during an incident.

- **Grid Technology:** maintains, modifies, and supports Hydro Ottawa's OT systems, including the Supervisory Control and Data Acquisition ("SCADA") system for monitoring and controlling the grid, Geographic Information System ("GIS") for system mapping, Outage Management System ("OMS") for power outage restoration, along with a portfolio of design, engineering, and monitoring tools that are utilized to help maintain and improve reliability. In addition, this group performs innovative research, development, and deployment activities involving Smart Grid technologies, including for purposes of introducing new products and services.

4.3. 2021-2025 BUSINESS PRIORITIES

Much of the CITO Division’s work over the impending five-year rate period will be executed in accordance with Hydro Ottawa’s *2021-2025 Digital Strategy,* which is appended to this Application as Attachment 1-1-13(B). This means that IT/OT projects and initiatives pursued during this rate term will be animated by four underlying objectives: enhancing the customer experience; evolving the grid; increasing productivity and automation; and participating in energy innovation and technology.

Key priorities for the Division will include enabling the deployment of new software and solutions to support enhanced service offerings to customers. Expanding and integrating the use of robotics and analytics into these solutions will likewise be a prime area of focus. Similarly, a parallel approach will be undertaken in relation to the installation and optimization of grid automation technology on Hydro Ottawa’s distribution grid (e.g. through the deployment of sensors and remotely-operated devices allowing for real-time, system-wide outage visibility; the enhancement of Distribution Management System [“DMS”] capabilities; and the integration of a cloud-based analytics platform to optimize functionality of existing advanced metering infrastructure). In addition, Hydro Ottawa intends to successfully execute its flagship grid modernization and smart energy projects. Finally, continuous strengthening of the utility’s cybersecurity, information management, and privacy programs will be pursued with vigour.

In shepherding these and other priorities forward, the CITO Division will lend critical support to the achievement of the utility’s strategic objectives pertaining to Customer Value and Organizational Effectiveness (with its activities thus comporting with the RRF’s interest in Customer Focus and Operational Effectiveness).

4.4. KEY 2021-2025 PRODUCTIVITY & CONTINUOUS IMPROVEMENT INITIATIVES

Given the essential functions served by technology and data in the business and operations of the modern utility, the CITO Division is set to play a critical role in the implementation of numerous productivity initiatives during the 2021-2025 rate term. For example, through the introduction of new technology, CITO will enable growth in the number of channels through which customers can communicate with Hydro Ottawa. This will not only augment the customer experience, but will yield rich analytical insights into customer needs and preferences that will help inform ongoing refinements to how resources are allocated to customer service projects, especially those for which the use of artificial intelligence and automation is contemplated.

In addition, the Division will be heavily involved in the enhancements or replacements that are planned for several mission-critical business systems and solutions. These include the enterprise resource planning system, Customer Care & Billing system, and OMS and DMS systems, all of which are slated for significant upgrades over the course of 2021-2025. It also includes the replacement of the utility's field service management tool, Mobile Workforce Management. Together, these and other improvements will help lower operational costs and boost employee productivity through such actions as automating business processes, eliminating manual transactions and tasks, generating higher quality information to guide decision-making, simplifying user interfaces, and integrating systems and enhancing their functionality.

For more information on continuous improvement activities planned for the 2021-2025 period, please see Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives.

5. CHIEF FINANCIAL OFFICER

5.1. INTRODUCTION

The Chief Financial Officer ("CFO") Division provides financial support across all aspects of Hydro Ottawa's business and operations, as well as for other entities within the larger corporate enterprise. This Division performs traditional finance functions such as preparing annual budgets, forecasting, financial planning and reporting, accounting, treasury, and internal audit. The Division also plays a key support role in the formulation of Hydro Ottawa's business and strategic plans, and bears primary accountability for fulfilling many of the utility's financial, statutory, and regulatory obligations to its employees, external suppliers, external auditors, and Board of Directors, as well as to bondholders, the shareholder, government agencies, OEB, and the Independent Electricity System Operator ("IESO"). In addition, management of the utility's fleet, facilities, and supply chain fall under the purview of the Division.

What's more, through a combination of formal processes and informal practices, the CFO Division supports efforts to promote and embed an organizational culture of accountability, productivity, performance, innovation, profitability, and entrepreneurship.

5.2. BUSINESS AREAS

- **Finance:** oversees the budgeting, forecasting, and business planning cycles. This group is likewise responsible for all internal and external financial reporting, accounting, accounts payable and payment cycles, cash receipts processing, accounts receivable, and administration of capital assets and regulatory accounting activities.

- **Tax and Treasury:** manages matters relating to cash flow, arrangements with banks and lending institutions, credit ratings, corporate financing and liquidity, taxation, financial compliance, and insurance.

- **Internal Audit and Risk Management:** evaluates and improves the effectiveness of corporate risk management, internal controls, and governance processes, and enables the effective identification and timely management of factors likely to impede the achievement of corporate objectives. Direct reporting on these matters to the Board of Directors is a key responsibility.

- **Supply Chain:** delivers procurement and warehouse functions, through the administration of procurement policies, procurement of all products and services acquired by the utility, and management of the inventory and equipment used to construct and maintain Hydro Ottawa's distribution assets. In accordance with corporate policy, this group ensures that fair, open, efficient, transparent, and accountable competitive processes are followed, that favourable prices are obtained to maximize value for the utility and its customers, and that goods and services are procured from reputable and ethical vendors.

- **Regulatory Affairs:** ensures that the utility is able to fulfill its obligations under the various rules, regulations, and codes of the OEB, IESO, and Ministry of Energy, Northern Development, and Mines. Core functions include overseeing the implementation of OEB-approved distribution rates and charges, preparation of distribution rate applications, load forecasting, cost allocation, rate design, regulatory and compliance reporting, policy research and analysis, and public policy engagement.

- **Fleet & Facilities:** supervises the acquisition, operations, and maintenance of Hydro Ottawa's fleet and facility assets. These assets include four operations centers, an administrative office, fleet garage, training facility, and approximately 70 distribution stations and 234 vehicles.

5.3. 2021-2025 BUSINESS PRIORITIES

The CFO Division occupies a prominent role in helping Hydro Ottawa achieve its corporate strategic objective of Financial Strength – a goal which aligns seamlessly with the RRF's emphasis on Financial Performance. In keeping with this role, the Division's overarching priorities for the impending five-year rate period will include ensuring strong financial operations, practices, information, systems, and reporting across the utility to support informed decision-making, as well as ensuring the achievement of value for money and sound stewardship in the management of assets and procurement. Supporting other Divisions within the utility in the execution of corporate priorities will also be a chief imperative, especially in relation to the pursuit and roll-out of strategic initiatives (e.g. potential expansion of Hydro Ottawa's business activities; possible consolidations, shared services, or strategic collaborations with other electricity distributors or partners; and monetization of corporate assets and expertise). Effectively executing, monitoring, and reporting against the progress of this Application will likewise serve as a critical area of focus.

5.4. KEY 2021-2025 PRODUCTIVITY & CONTINUOUS IMPROVEMENT INITIATIVES

The path for continuous improvement activities in the CFO Division during the 2021-2025 period is largely one which will continue the trajectory of the 2016-2020 rate plan. Over the past five years, much of the Division's productivity focus has been on transitioning away from administratively burdensome, manual processes to digital processes and platforms with self-service capability that simplify and streamline business practices. As one of the largest users of the utility's JD Edwards enterprise resource planning ("ERP") system, the CFO Division helped steer the ERP upgrade project that was successfully implemented in recent years.[2] The Division will therefore likewise be strongly engaged in the project planned during the 2021-2025 rate term to further enhance the ERP system by migrating it to a cloud-based platform.

The CFO Division has likewise been a key architect and beneficiary of other business process optimization efforts, such as the adoption of the DocuSign software solution enabling electronic review and approval of documents. The Division is therefore committed to the continued exploration of additional business process enhancements, including the piloting of Robotic Process Automation for highly transactional activities.

In addition, CFO management continues to focus on ensuring that work evolves and that processes are as effective and efficient as possible, with staff working on value-added and meaningful analysis work. This is resulting, and will continue to result in, a shift from less transactional processing to more knowledge-based work such as data analytics to develop business intelligence and to enhance strategy-focused financial planning. This is an ongoing process, a key part of which is Hydro Ottawa's organizational cultural change to enhance accountability, while strengthening the focus on innovation and productivity.

For more information on continuous improvement activities planned for the 2021-2025 period, please see Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives.

[2] For more information on the ERP upgrade, please see Attachment 1-1-10(C): 2018 Annual Summary - Achieving Ontario Energy Board Renewed Regulatory Framework Performance Outcomes, pages 13-17.

6. CHIEF HUMAN RESOURCES OFFICER

6.1. INTRODUCTION

The Chief Human Resources Officer ("CHRO") Division is responsible for providing leadership and guidance on all matters related to people and safety in the areas of recruitment, compensation (including payroll), training, employee and labour relations, organizational development, change management, and health, safety, and wellness, as well as in non-traditional areas such as environment (compliance and sustainability), emergency preparedness/business continuity management, trades apprenticeship programs, and the joint delivery of Algonquin College's Powerline Technician Diploma Program. This is achieved through the development and implementation of policies, frameworks, and programs that ensure operational capacity and continuity by supplying the right talent with the right knowledge and skill sets, by providing a safe and healthy work environment, and by engaging, aligning, and preparing the workforce.

The CHRO Division supports the strategic objectives and priorities of the utility by creating an effective and agile learning organization which promotes and embraces the cultural attributes that enable Hydro Ottawa to achieve its Strategic Direction. The CHRO Division partners with the business to provide solutions to enhance the productivity and performance of employees, ensure their readiness to respond to the change and disruption in the industry, and enrich the employee experience by driving efficiency and accountability at the appropriate levels.

The work of the CHRO Division has led to Hydro Ottawa receiving best employer and innovation recognition, both locally and nationally, including the following:

- National Capital Region's Top Employers from 2009-2019;
- Algonquin College's Alumni Employer of the Year in 2018;
- Canada's Top Employers for Young People for the past six years (2014-2019);
- Canadian HR Award for Next Generation Employment Innovation of the Year in 2017;
- Canada's Best Diversity Employers for 2018 and 2019; and

- Hire Immigrants Ottawa Employer of Excellence in 2016.

6.2. BUSINESS AREAS

- **Compensation:** develops and administers workforce compensation strategies, practices, and technologies (including those related to payroll, pension, and benefits), and implements programs and practices to support a performance-driven work culture.

- **Employee and Labour Relations:** provides advice to people leaders on compliance with corporate policies and relevant legislation, including the development of policies and procedures, and negotiates, administers, and interprets the collective bargaining agreement.

- **Organizational Development:** develops and administers strategies related to workforce planning, with a focus on fostering and maintaining a highly skilled, properly trained, and knowledgeable workforce. In addition, this group manages internal corporate communications to employees, and leads the development of employee engagement, recognition, and orientation programs, ensuring alignment between individual employee contribution/performance and Hydro Ottawa's strategic objectives and performance measurement.

- **Recruitment:** works with people leaders to implement workforce planning strategies and programs as they relate to employee recruitment, in a manner that ensures adherence to corporate values and commitments to establishing a qualified workforce that reflects the diverse population served by Hydro Ottawa.

- **Training:** develops and administers a wide variety of training and development programs and courses, aimed at equipping employees with the skills, preparation, and leadership qualities required to thrive in a rapidly changing business environment.

- **Health, Safety and Wellness:** administers the formal management system (which is registered to international standards) for ensuring a safe and healthy work environment for all employees. This system encompasses policies, processes, procedures, orientation, training, jobsite coaching, inspections, audits, standards, management of contractor safety performance, and compliance with all relevant health and safety statutory requirements. In addition, this group develops strategies and delivers programs to help prevent employee illnesses and injuries and reduce any associated lost time. This includes working with people leaders on employee absence claims and reintegration into the workplace following periods of leave, and promoting employee wellness and wellbeing.

- **Change Management:** designs and delivers systems, programs, and processes to engage employees in successfully preparing for changes in the work environment and to position the organization for increased productivity following the adoption of these changes. This group also exercises responsibility for engaging all divisions within the utility to support the implementation of major cross-cutting projects and initiatives (e.g. migration to new administrative and operational facilities, adoption of new workplace technology, enhancements to performance management framework, etc.)

- **Trades Apprenticeship Programs:** manages in-house programs focused on sustaining a strong base and supply of trades talent. Administration of these programs involves the formation and maintenance of partnerships within and outside the organization (e.g. Algonquin College).

- **Environment:** plans, implements, and maintains a management system aimed at improving the utility's environmental performance and reducing the environmental impacts of its operations. This encompasses compliance-related activities, such as reporting, inspections, and audits, as well as sustainability initiatives focused on reducing the utility's carbon footprint, greening its procurement and supply chain practices, and building a culture of sustainability within the workforce.

- **Business Continuity Management:** oversees the framework for building organizational resilience, maintaining emergency preparedness, and managing business disruptions; identifies potential threats to the organization and the impacts to business operations of such threats; and works with business areas to develop and implement recovery plans for ensuring continuity of products and services. This business area is responsible for administering the utility's Crisis Management Plan, as well as the supporting plans which fall under the crisis management umbrella.

6.2.1. Human Resources Operating and Service Delivery Model

As depicted in Figure 1, the CHRO Division, through its leadership and employees, delivers the mandate noted above through an operating and service delivery model that is designed around the human resources ("HR") customer (the employee), leverages technology, and is aligned to the changing needs of the business.

Figure 1 – HR Operating and Service Delivery Model

6.2.1.1. HR Technology

Innovative and employee-centered HR technologies, such as Hydro Ottawa's Human Capital Management ("HCM") system, provide employees and people leaders with direct access to their information anytime, anywhere, and on any device, enabling them to view and edit their own personal information, initiate transactions online (e.g. time and equipment entry, leave requests, etc.), and proactively manage performance and development. People leaders, through process flows, approve transactions online, and have access to data on their employees, as well as actionable information, such as reports and dashboards, to assist in making more effective and timely decisions.

The introduction of Hydro Ottawa's HCM system has earned the utility accolades from the industry with the 2018 Electricity Human Resources Canada Award for Innovation in HR Practices, and from the HR community with the 2019 Canadian HR Award for Most Innovative Use of HR Technology.

6.2.1.2. HR Service Centre

The HR Service Centre is the first point of contact for employees and people leaders for all HR enquiries. The HR Service Centre responds to common HR requests, supports the recruitment process, and redirects more complex issues to the appropriate HR Centres of Expertise.

6.2.1.3. HR and Safety Partners

The business-facing strategic HR and Safety Partners, aligned to the utility's divisions/groups, work together to provide advisory and consultative services to people leaders, bringing solutions on employee and safety-related issues consistent with best practices for the type of work performed. The Partners leverage the HR Centres of Expertise to bring the right combination of service, support, and guidance to their customer groups.

6.2.1.4. HR Centres of Expertise

The HR Centres of Expertise consist of HR specialists with deep technical, legislative, and regulatory knowledge and insight in functional HR areas aligned with the employee lifecycle of planning, attraction and acquisition, deployment, performance and development, and exit and transition. These specialists design and develop strategies to drive leading-people policies, programs, processes, and tools, and provide innovative solutions to HR customer and business needs.

6.3. 2021-2025 BUSINESS PRIORITIES

The CHRO Division plays a pivotal role in supporting Hydro Ottawa's achievement of its corporate strategic objectives and priorities in all of its areas of focus, with additional emphasis in the areas of Organizational Effectiveness and Corporate Citizenship. The Division's overarching priorities are to ensure the organization's operational capacity and continuity by supplying the right talent with the right knowledge and skill sets, by providing a safe and healthy work environment, and by engaging, aligning, and preparing the workforce.

More specifically, as outlined in Attachment 4-1-5(B): Workforce Planning Strategy, the CHRO Division will lead the organization's workforce planning, with a focus on sustaining its trades workforce, replacing mid-level experienced front-line supervisors/managers, and responding to the changing skill sets required in light of the technological innovations and digital transformation in the electricity sector.

Additionally, as outlined in Attachment 4-1-5(D): Health, Safety and Environment Compliance and Sustainability, the CHRO Division will continue to manage and advance Hydro Ottawa's health and wellness, employee and public safety, and environmental programs (both compliance and sustainability-related) so as to meet legislative and regulatory requirements, align with best practices, and maintain standards of performance relative to risks associated with its ongoing business activities.

The CHRO Division will also continue to ensure that Hydro Ottawa's compensation philosophy and associated compensation components, as summarized in Attachment 4-1-5(A): Employee Compensation Strategy, are premised on attracting and retaining a highly skilled workforce and on supporting a performance-driven work culture. This will be achieved by appropriately and fairly rewarding performance in the achievement of the utility's strategic objectives, and in accordance with position competencies and the organization's values, while at the same time controlling total compensation costs.

6.4. KEY 2021-2025 PRODUCTIVITY & CONTINUOUS IMPROVEMENT INITIATIVES

An essential element of Hydro Ottawa's Strategic Direction is ensuring readiness to respond to the change and disruption in the industry and the changing needs of the business and its customers.

The CHRO Division has and will continue to embrace digital innovation as outlined in section 6.1 above. This involves moving away from time-consuming, manual, and paper-based processes to cloud-based, mobile-friendly solutions with self-service capability and automated workflows, which leverage how Hydro Ottawa's employees already consume and interact with information outside of work.

The CHRO Division will continue to seek opportunities to streamline and automate processes with technological solutions. This includes both leveraging its current HCM system to continue to automate what have in the past been time-consuming, manual, paper-based processes for employees and people leaders, and to expand its self-service capabilities, as well as integrating and introducing other HR technologies such as a cloud-based Occupational Health, Safety and Environment ("OHSE") software solution. The OHSE software solution, as referenced in Attachment 4-1-5(D): Health, Safety and Environment Compliance and Sustainability, will automate the manual processes and workflows associated with Hydro Ottawa's OHSE activities and eliminate the paper forms and paper-based recording of these activities by employees in the field.

This approach to embracing technological solutions is also positioning Hydro Ottawa to make more effective and timely people and safety-related decisions through access to powerful data and analytics, including predictive analytics.

These technological solutions have also become one of the principal means of communicating with employees. Whether it is letters of employment, notices for training or change of work location, or micro-learning through new programs, the main repository is the HCM system. Coupled with electronic newsletters, digital screens and intranet, employee communication is timely and paperless.

Another noteworthy opportunity which Hydro Ottawa began introducing to its workforce in the last few years, and which will increase substantially in the next five years, is the delivery of training through eLearning in lieu of classroom-based sessions. This enables the utility to better leverage trades' inclement weather days for training purposes, allows for training at the worksite/individual workstation, and provides access to just-in-time training for employees. For example, employees have recently completed Business Continuity Management, Cybersecurity, and Code of Business Conduct training through comprehensive eLearning modules. This supplemented some of the current training for health and safety also delivered online. With its recently obtained library of eLearning courses, integrated with its HCM system, Hydro Ottawa is well equipped to increase the delivery of legislated, business, and leadership skills training through eLearning, enabling it to more efficiently and effectively address the workforce planning challenges outlined in Attachment 4-1-5(B): Workforce Planning Strategy.

7. CORPORATE PLANNING, GOVERNANCE, LEGAL SERVICES, AND OFFICE OF THE PRESIDENT & CEO

7.1. INTRODUCTION

These groups are housed within the Holding Company and only a portion of their costs are allocated to Hydro Ottawa.

The President and CEO shoulders responsibility for the strategic leadership, profitability, sustainability, and growth of the utility, in alignment with the corporate strategy established by the Board of Directors. This individual provides leadership and direction to the Executive

Management Team, with respect to the execution of the corporate strategy and achievement of corporate performance goals.[3]

The Corporate Planning and Governance ("CP&G") Group is responsible for the development and implementation of an integrated strategic and business planning framework for Hydro Ottawa, and process management for tracking, monitoring, and reporting of progress against these plans. The group also fulfills a corporate secretariat function, dealing with all matters pertaining to corporate governance of the utility (e.g. providing coordination and support for the Executive Management Team, Board of Directors, and Board Committees, as well as ensuring compliance with applicable legal and policy requirements under corporate statutes).

The Legal Services Group is tasked with the coordination and delivery of legal services for all of the divisions within Hydro Ottawa, as well as for other entities across the larger corporate enterprise. A key priority for this group is ensuring the utility operates in a manner that is compliant with all relevant legal requirements.

7.2. BUSINESS AREAS

- **President and CEO:** under the direction of the Board of Directors, develops the mission, vision, values, Strategic Direction and goals, priorities, and growth agenda for the utility. The President and CEO ensures the development of corporate policies, programs, and practices in support of Hydro Ottawa's mission. Likewise, a key responsibility is reporting to the Board of Directors on performance against strategic objectives, operational and financial results, and any other matters of material consequence. In addition, this individual acts as the primary public face and spokesperson for the utility, and fosters a culture that promotes Hydro Ottawa's values and Code of Business Conduct.

- **Corporate Planning and Performance Management:** develops and manages an integrated strategic and business planning framework and related processes covering

[3] The President and CEO is an employee of the Holding Company. In this capacity, this individual simultaneously serves as the President and CEO of Hydro Ottawa.

the following: five-year strategic plan; annual business plan (including the budget and Corporate Performance Scorecard); Division plans and scorecards; monthly updates and quarterly financial reporting to the shareholder; quarterly and annual reports against the division and Corporate Performance Scorecards; annual report, including the Management Discussion and Analysis; and Executive Management Team meetings and strategy session management.

- **Corporate Governance:** performs a corporate secretariat function, handling traditional corporate governance-related matters, including the following: coordination of Board of Directors and Board Committee meetings and work plans; oversight and management of governance structures, practices, and policies; and corporate record maintenance and reporting.

- **Legal Services:** provides legal advice, opinions, and legal matter coordination, and monitors and advises on significant legal changes having an impact on the utility. The group also assists in the preparation and review of legal agreements and the provision of advice for corporate finance matters, business development initiatives, and the procurement process. Other key areas of focus include litigation (i.e. pursuit or defence of legal action brought by or against the utility), representations to the Board of Directors on legal compliance and related party transactions, preparation and submission of responses to Access to Information requests and privacy complaints, and support for reporting and investigation of complaints made to the Business Conduct Hotline.

  The aforementioned services are provided through internal legal counsel as well as external counsel who may be retained on specific matters.

7.3. 2021-2025 BUSINESS PRIORITIES

As signalled in Exhibit 1-1-9: Business Plan, the utility intends to maintain continuity in its core strategic objectives heading into its next five-year rate term. These objectives are as follows: Customer Value, Organizational Effectiveness, Financial Strength, and Corporate Citizenship.

As discussed further in the Business Plan, there is substantial congruence between these objectives and the main performance outcomes promoted under the RRF.

The President and CEO's chief priority will therefore be providing leadership and direction to guide the successful execution of corporate objectives over the course of 2021-2025.

Similarly, the CP&G group's overarching mandate will be administering the integrated strategic and business planning framework for Hydro Ottawa during this period, and continuously driving alignment between strategic objectives, corporate performance goals, divisional plans, and performance management for individual employees. This will include ensuring that internal Division monitoring and reporting is comprehensive and adheres to established timelines.

For the Legal Services Group, chief priorities will remain the delivery of prompt and value-added legal analysis and advice on business transactions and initiatives, while focusing on the ongoing mitigation of legal and business risks. Beyond these core areas of focus, a major goal will be the evolution of the group's service delivery and operating model. A key driver for this effort is the broader evolution of the utility business model that is underway in the sector.[4] The steady transformation of the utility business model raises challenging legal questions, insofar as there may be ambiguity around how new product and service offerings, along with models for running the business or operating the electric grid, may or may not comport with existing statutory and regulatory frameworks. Accordingly, with an eye towards assisting the utility in addressing and resolving such questions, Legal Services will aspire to continue shifting its culture from one of an internal service provider to that of a business partner.

7.4. KEY 2021-2025 PRODUCTIVITY & CONTINUOUS IMPROVEMENT INITIATIVES

Looking ahead to the impending five-year rate term, the President and CEO will establish expectations for ongoing, company-wide productivity objectives. These include continuing to prioritize and control spending, eliminate non-value added steps in processes, leverage

[4] Please see the Strategic Context section of Exhibit 1-1-9: Business Plan for more insights.

innovation and technology to improve efficiency and enhance service, and realign resources to higher priority areas.

An important cost control initiative for CP&G will be renegotiating the contract for the software that is utilized for Board management purposes (Diligent). This software offers an e-portal solution for managing sensitive and confidential Board materials and information. Since its adoption several years ago, Diligent has centralized Board management information and enhanced the utility's effectiveness in accessing and storing corporate information.

With respect to the Legal Services Group, a handful of noteworthy productivity initiatives are planned for the 2021-2025 horizon. In step with the utility's broader push to streamline and digitize business systems and processes, the group will continue implementing an electronic record keeping and document management system, so as to achieve full digitization of its legal records. It will likewise sustain the transition to online legal resources as well as the refinement of its tracking system for tracking legal matters. In addition, ongoing refinement of precedent agreements is planned, with the goal of continuously improving the coordination and standardization of the utility's position on legal risks in procurement contracts (thereby reducing the amount of time needed to prepare and negotiate contracts). Process improvements for managing privacy and Freedom of Information requests are also set for enactment. Finally, Legal Services will continue optimizing productivity and competencies through the retention of external counsel, where appropriate.

OPERATIONS, MAINTENANCE AND ADMINISTRATION PROGRAM COSTS

1. INTRODUCTION

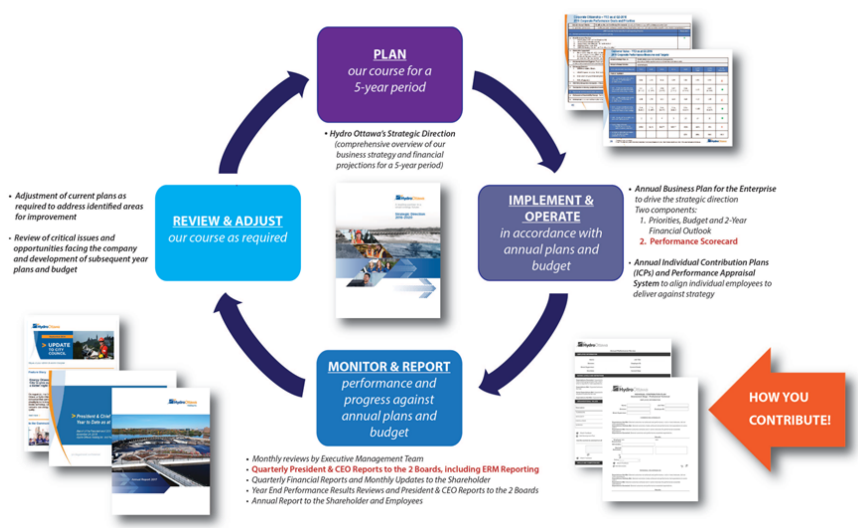
This Schedule provides a brief qualitative and quantitative summary of Hydro Ottawa's operations, maintenance and administration ("OM&A") expenditures. It also includes a brief overview of the composition of Hydro Ottawa's OM&A costs, trends, and business environment changes. This Schedule further describes Hydro Ottawa's approach to OM&A planning, and the top-down and bottom-up budget process used to arrive at the utility's OM&A expenditures. The inclusion of information in this Schedule is informed by the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019 ("Filing Requirements").

2. OM&A SUMMARY

2.1. HYDRO OTTAWA'S APPROACH TO OM&A PLANNING AND BUDGETING

Hydro Ottawa's approach to OM&A planning and budgeting for the 2021-2025 period is guided by the utility's planning and performance management framework, which aligns corporate strategies with planning, operations, performance, and the drive for continuous improvement.

Figure 1 – Hydro Ottawa's Integrated Planning & Performance Management Framework



The framework maintains that spending correspond to business priorities, be directed to achieve performance targets, and support Hydro Ottawa's four key focus areas, as set out in its *2016-2020 Strategic Direction*:

- **Customer Value:** we will deliver value across the entire customer experience by providing reliable, responsive and innovative services at competitive rates.

- **Financial Strength:** we will create sustainable growth in our business and our earnings by improving productivity and pursuing business growth opportunities that leverage our strengths – our core capabilities, our assets and our people.

- **Organizational Effectiveness:** we will achieve performance excellence by cultivating a culture of innovation and continuous improvement.

- **Corporate Citizenship:** we will contribute to the well-being of the community by acting at all times as a responsible and engaged corporate citizen.

Hydro Ottawa's 2021 OM&A budget was developed as a Test Year rebasing budget and is based on the utility's forecast of expenditures, as developed in its budget process. It was guided by the objectives and constraints articulated in a 2020-2025 budget planning memorandum issued by the utility's Chief Financial Officer to members of the Executive Management Team.[1] Among other things, this memorandum included constraints on headcount, compensation, and OM&A. Hydro Ottawa's 2021 OM&A budget was further informed by substantive operational investments needed to maintain service reliability and safety, as well as those necessary to remain in compliance with regulatory and legislative requirements. Finally, the OM&A budget was informed by the need to maximize productivity and minimize bill impacts, while ensuring the financial health and viability of the utility.

[1] Please see Attachment 1-1-9(A): Corporate Memorandum - 2020-2025 Priorities and Budget Guidelines.

For the 2022-2025 Test Years, Hydro Ottawa will adjust OM&A using a Custom Price Escalation Factor ("CPEF") to align with the principles of incentive regulation, as enshrined in the Renewed Regulatory Framework ("RRF"). Detailed information on the specific configuration of the CPEF is outlined in Exhibit 1-1-10: Alignment with the Renewed Regulatory Framework. Hydro Ottawa's approach to adjusting the OM&A component of rates by the CPEF formula will result in the utility bearing the risk associated with any shortfall between revenues collected through rates and regularly incurred costs. This difference will be recovered through productivity initiatives and operational efficiencies. Further details regarding planned initiatives for the 2021-2025 period are discussed in Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives.

2.2. OM&A BUDGET PROCESS

Hydro Ottawa undertook both a top-down and bottom-up forecasting exercise to develop the 2021-2025 budget. The budget forecasting exercise began with the preparation and issuance of a planning memorandum from the Chief Financial Officer (see section 2.1 above) that provided top-down guidance on the areas of constraints which were to inform the individual corporate Divisions in the bottom-up development of their budgets. Examples of top-down constraints and expectations included constraints on hiring, compensation, and benefits, as well as expectations for productivity and cost control activity. Bottom-up funding requests were then developed, evaluated, and scrutinized based on priority and alignment with core strategic objectives as well as ratepayer impacts. Adjustments were subsequently made to the OM&A budget to reflect these priorities and impacts. The final OM&A budget was developed to accommodate Hydro Ottawa's operational requirements to provide a safe and reliable distribution system, while respecting legislative and regulatory obligations, including the conditions set forth in the utility's OEB-approved license. The OM&A budget was included in the assessment of customer rate impacts that were reviewed by Hydro Ottawa's senior management team and Board of Directors.

As noted above, the OM&A budget for the 2022-2025 Test Years was subsequently adjusted by a CPEF formula, consistent with the OEB's model for incentive regulation. Recognizing that

Hydro Ottawa cannot accurately predict all potential OM&A funding requirements that may emerge during the 2021-2025 Custom Incentive Rate- term, the utility may avail itself of the cost recovery mechanism available under a Z factor application. Hydro Ottawa will only resort to using the Z factor mechanism if costs incurred arise from unforeseen events, decisions, or activities, the results of which cannot be reasonably anticipated or quantified at this juncture and where the costs exceed Hydro Ottawa's materiality threshold and satisfy OEB criteria. Examples include unforeseen weather events or changes to laws or regulations requiring significant implementation investment.[2]

2.3. OM&A TEST YEAR LEVELS

As established by the RRF, under a Price Cap IR rates are adjusted using a formulaic approach in the years following the first year base rates. This formula consists of a two component Price Cap Index ("PCI"): inflation and productivity. For electricity distributors, the formula includes an industry-specific inflation factor and two factors for productivity. One productivity factor is a fixed amount for industry-wide productivity, and the other is a stretch factor which is set each year based on the level of productivity the distributor has achieved as evaluated by the Pacific Economics Group ("PEG") econometric model.

Under a Custom Incentive Rate-Setting ("Custom IR") approach, the annual rate adjustment must be based on a custom index supported by empirical evidence that can be tested. The annual adjustment must include explicit financial incentives for continuous improvement and cost control targets. As noted in the OEB's *Handbook for Utility Rate Applications*, "these incentive elements, including a productivity factor, must be incorporated through a custom index or an explicit revenue reduction over the term of the plan (not built into the cost forecast)."[3]

As a result, Hydro Ottawa is proposing to adopt a CPEF rate framework for years two through five, which is based on the approach approved by the OEB in Hydro Ottawa's 2016-2020

[2] Additional information on Hydro Ottawa's intended approach to Z factor applications is available in Exhibit 9-2-1: New Deferral and Variance Accounts.
[3] Ontario Energy Board, *Handbook for Utility Rate Applications* (October 13, 2016), page 25.

Custom IR application.[4] This framework is aligned with OEB policy and based on sound ratemaking principles. The CPEF incorporates the OEB's key principles and expectations of a Custom IR application, and is structured in a way that:

- Includes productivity gains as part of the rate adjustment mechanism;
- Constrains operational funding increases going forward at approximately the rate of inflation; and
- Acknowledges the necessary funding requirements to address Hydro Ottawa's significant, multi-year investment needs over the 2021-2025 period.

The proposed OM&A costs for the Test Years were developed by escalating the 2021 Test Year OM&A levels by a CPEF of 2.51% in the years 2022 through 2025. For more information on how this escalation factor was developed, please see Exhibit 1-1-10: Alignment with the Renewed Regulatory Framework.

2.4. SUMMARY OF TOTAL OM&A EXPENDITURES

Hydro Ottawa's OM&A costs are significantly influenced by requirements to operate and maintain a safe and reliable distribution grid, provide service levels that are satisfactory to customers, and ensure continued compliance with all legislative and regulatory obligations. Among other things, this entails a need for the utility to strategically manage its workforce in a way that allows it to replace retiring workers with new tradespeople, and respond to the changing dynamics of the market and operating environment in which it is tasked with the distribution of electricity to customers.

Table 1 below provides a summary view of Hydro Ottawa's Historical, Bridge, and Test Year OM&A expenditures.

[4] Ontario Energy Board, *Decision and Order*, EB-2015-0004 (December 22, 2015).

Table 1 – OM&A Variances ($'000s)

	Year	OM&A	Previous Year	Variance	Variance
Historical	2016	$82,621			
	2017	$82,245	$82,621	$(376)	(0.46)%
	2018	$86,863	$82,245	$4,619	5.62%
Bridge	2019	$87,545	$86,863	$682	0.79%
	2020	$91,990	$87,545	$4,445	5.08%
Test	2021	$93,923	$91,990	$1,932	2.10%
	2022	$96,280	$93,923	$2,357	2.51%
	2023	$98,697	$96,280	$2,417	2.51%
	2024	$101,174	$98,697	$2,477	2.51%
	2025	$103,714	$101,174	$2,539	2.51%

2.5. SUMMARY OF OM&A COSTS BY MAJOR CATEGORY

Attachment 4-1-3(A): OEB Appendix 2-JA - Summary of Recoverable OM&A Expenses provides a summary of recoverable OM&A expenses, as outlined below in Table 2. In addition, please see Exhibit 4-1-4: Operations, Maintenance and Administration Cost Drivers and Program Variance Analysis for a description of high-level cost drivers and cost drivers by program.

Table 2 – OM&A Costs by Major OM&A Category ($'000s)

OM&A Category	Actual			Bridge		Test	CAGR[5]
	2016	2017	2018	2019	2020	2021	
Operations	$18,399	$18,860	$20,877	$22,398	$23,824	$22,924	4.5%
Maintenance	$9,739	$10,299	$9,125	$8,653	$9,767	$9,855	0.2%
Subtotal	$28,138	$29,158	$30,003	$31,050	$33,591	$32,779	3.1%
Billing and Collecting	$12,594	$12,745	$11,941	$10,220	$12,052	$12,711	0.2%
Community Relations	$5,290	$5,120	$4,759	$5,131	$5,895	$6,365	3.8%
Subtotal	$17,884	$17,865	$16,700	$15.352	$17,946	$19,076	1.3%
Administrative and General	$36,599	$35,222	$40,161	$41,143	$40,453	$42,068	2.8%
Total OM&A Expenses[6][7]	**$82,621**	**$82,245**	**$86,863**	**$87,545**	**$91,990**	**$93,923**	**2.6%**

Over the period of 2016-2021, overall OM&A expenses are set to experience a 2.6% increase (using a compound annual growth rate). This is attributable to Hydro Ottawa's strong commitment to productivity, continuous improvement, and cost control. The overall increase is largely explained by increases in labour costs, as per Collective Agreements, as well as the increased demand in distribution maintenance and technology. These increases are partially offset by savings associated with productivity initiatives and cost control.

2.5.1. Operations and Maintenance Costs

Operations and maintenance are expected to increase by a compound annual growth rate of 3.1% over the course of 2016-2021. The increase to operations and maintenance-related costs is partly attributable to increased costs associated with labour, and maintenance expenses associated with operating and maintaining overhead and underground distribution lines, feeders, transformers, and distribution stations. The principal cost drivers of the increases are as follows:

[5] CAGR represents the compound annual growth rate between 2016 and 2021.
[6] Totals may not sum due to rounding.
[7] In 2019, $3.7M in OM&A costs were reclassified to USofA Account 4330, in relation to Shared Services (please see Appendix 2-N).

- Higher volume of Preventative and Predictive Overhead, Underground Line, and Station Maintenance costs;
- Increase in Corrective Maintenance and Emergency Response costs;
- Increase in System Operations costs;
- Technology costs, such as Supervisory Control and Data Acquisition ("SCADA"), Geographic Information System ("GIS"), and Asset Management software; and
- Increased labour and fleet costs.

The foregoing cost increases are mitigated by savings achieved through several productivity initiatives, the largest one being a dark fibre lease. Once this lease is completely terminated in 2022, annual OM&A savings of $1.1M are expected to accrue. The construction of Hydro Ottawa's own dark fibre network is moving forward as part of the Telecom Master Plan included in the utility's approved 2016-2020 Custom IR application. Construction of dark fibre is set to strengthen overall grid reliability, while simultaneously reducing OM&A costs.

2.5.2. Billing and Collections & Community Relations

Billing, Collections, and Community Relations costs increased by a compound annual growth rate of 1.3% from 2016 through 2021. Billing and collections expenses relate to costs associated with enabling customer billing services, conducting collections activities, and maintaining the billing system (including for purposes of satisfying new regulatory requirements). The principal cost drivers of the increases are the following:

- Increase in postage rates;
- Increase in technology costs to ensure Hydro Ottawa's Customer Care & Billing system is complying with all new regulatory requirements (e.g. amendments to the OEB's Customer Service Rules and annual Disconnection Moratoriums); and

- Increase in technology costs to enhance customer experience. For example, customers are now communicating with Hydro Ottawa through numerous channels including voice, text, email, and web chat.[8]

The foregoing cost increases were successfully offset by many cost control initiatives, including e-billing and automation. Hydro Ottawa maintains the highest e-billing participation rate of any distributor in Ontario (48% of customers), with an estimated corresponding cost avoidance of $1.6M per year.

2.5.3. Administrative and General

From 2016 to 2021, Administrative and General costs increased by a compound annual growth rate of 2.8%. Administrative costs generally reflect salary expenses, as well as costs associated with Human Resources ("HR"), Information Technology ("IT"), Finance, Regulatory, Facilities, Supply Chain, Warehouse, Legal, Communications, and Occupational Health, Safety and Environment. The principal cost drivers of the increases are as follows:

- Compensation and benefits costs;
- Higher demand for technological support (e.g. IT security, IT subscription, and system support) to meet higher customer expectations and diverse business and operational needs; and
- Higher customer demand for communications from and with Hydro Ottawa, especially during outages and severe weather events.

2.6. INFLATION RATES AND FINANCIAL ASSUMPTIONS

Hydro Ottawa has assumed an inflation rate of 2.01% for 2021, for all non-compensation related costs.[9]

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[8] For further information on Hydro Ottawa's enhanced customer communications and resulting increases in customer satisfaction, please see Attachment 1-2-1(B): Customer Strategy.
[9] Conference Board of Canada, *Consumer Price Index - Canada* (October 2019).

2.7. OVERVIEW OF OM&A PROGRAMS & EXPENDITURES

A full quantitative description and variance of Hydro Ottawa's program costs is available in Attachment 4-1-3(B): OEB Appendix 2-JC - OM&A Programs Table. A qualitative description of the utility's OM&A programs and an analysis of cost drivers can be found in Exhibit 4-1-4: Operations, Maintenance and Administration Cost Drivers and Program Variance Analysis.

3. OM&A COST PER CUSTOMER AND PER FTE

Attachment 4-1-3(C): OEB Appendix 2-L - Recoverable OM&A Cost per Customer and per Full Time Equivalent summarizes Hydro Ottawa's OM&A expenditures over the Historical, Bridge, and 2021 Test Years, expressed on a per customer and per Full Time Equivalent ("FTE") employee basis. The compounded growth rate in OM&A costs per customer is 1.4% and per FTE is 2.3% over the 2016-2021 period.

Appendix 2-JA

Summary of Recoverable OM&A Expenses

		2016	2017	2018	2019	2020	2021
	2016 Last Rebasing Year OEB Approved	**2016 Last Rebasing Year Actuals**	**2017 Actuals**	**2018 Actuals**	**2019 Bridge Year**	**2020 Bridge Year**	**2021 Test Year**
Reporting Basis	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**	**MIFRS**
Operations		$ 18,398,554	$ 18,859,756	$ 20,877,170	$ 22,397,905	$ 23,824,185	$ 22,923,625
Maintenance		$ 9,739,324	$ 10,298,658	$ 9,125,316	$ 8,652,557	$ 9,766,516	$ 9,855,230
SubTotal	**$ -**	**$ 28,137,878**	**$ 29,158,414**	**$ 30,002,486**	**$ 31,050,462**	**$ 33,590,701**	**$ 32,778,855**
%Change (year over year)			3.6%	2.9%	3.5%	8.2%	-2.4%
%Change (Test Year vs Last Rebasing Year - Actual)							
Billing and Collecting		$ 12,593,747	$ 12,744,913	$ 11,940,913	$ 10,220,106	$ 12,051,515	$ 12,711,160
Community Relations		$ 5,290,093	$ 5,119,660	$ 4,758,993	$ 5,131,425	$ 5,894,923	$ 6,365,075
Administrative and General		$ 36,599,477	$ 35,221,846	$ 40,160,945	$ 41,143,216	$ 40,453,281	$ 42,067,566
SubTotal	**$ -**	**$ 54,483,317**	**$ 53,086,419**	**$ 56,860,851**	**$ 56,494,747**	**$ 58,399,719**	**$ 61,143,801**
%Change (year over year)			-2.6%	7.1%	-0.6%	3.4%	4.7%
%Change (Test Year vs Last Rebasing Year - Actual)							
Total	**$ 83,105,563**	**$ 82,621,195**	**$ 82,244,833**	**$ 86,863,337**	**$ 87,545,209**	**$ 91,990,420**	**$ 93,922,656**
%Change (year over year)			-0.5%	5.6%	0.8%	5.1%	2.1%

Note:

1 Historical actuals going back to the last cost of service application are required to be entered by the applicant.
2 Recoverable OM&A that is included on these tables should be identical to the recoverable OM&A that is shown for the corresponding periods on Appendix 2-JB.

	2016			2017	2018	2019	2020		2021	
	Last Rebasing Year 2016 OEB Approved	Last Rebasing Year 2016 Actuals	Variance 2016 OEB Approved - 2016 Actuals	2017 Actuals	2018 Actuals	2019 Actuals	2020 Bridge Year	Variance 2020 Bridge vs. 2019 Actuals	2021 Test Year	Variance 2021 Test vs. 2020 Bridge
Operations		**$ 18,398,554**	**-$ 18,398,554**	**$ 18,859,756**	**$ 20,877,170**	**$ 22,397,905**	**$ 23,824,185**	**$ 1,426,280**	**$ 22,923,625**	**-$ 900,560**
Maintenance		**$ 9,739,324**	**-$ 9,739,324**	**$ 10,298,658**	**$ 9,125,316**	**$ 8,652,557**	**$ 9,766,516**	**$ 1,113,959**	**$ 9,855,230**	**$ 88,714**
Billing and Collecting		**$ 12,593,747**	**-$ 12,593,747**	**$ 12,744,913**	**$ 11,940,913**	**$ 10,220,106**	**$ 12,051,515**	**$ 1,831,409**	**$ 12,711,160**	**$ 659,645**
Community Relations		**$ 5,290,093**	**-$ 5,290,093**	**$ 5,119,660**	**$ 4,758,993**	**$ 5,131,425**	**$ 5,894,923**	**$ 763,498**	**$ 6,365,075**	**$ 470,152**
Administrative and General		**$ 36,599,477**	**-$ 36,599,477**	**$ 35,221,846**	**$ 40,160,945**	**$ 41,143,216**	**$ 40,453,281**	**-$ 689,935**	**$ 42,067,566**	**$ 1,614,285**
Total OM&A Expenses	**$ 83,105,563**	**$ 82,621,195**	**$ 484,368**	**$ 82,244,833**	**$ 86,863,337**	**$ 87,545,209**	**$ 91,990,420**	**$ 4,445,211**	**$ 93,922,656**	**$ 1,932,236**
Adjustments for Total non-recoverable items (from Appendices 2-JA and 2-JB)										
Total Recoverable OM&A Expenses	**$ 83,105,563**	**$ 82,621,195**	**$ 484,368**	**$ 82,244,833**	**$ 86,863,337**	**$ 87,545,209**	**$ 91,990,420**	**$ 4,445,211**	**$ 93,922,656**	**$ 1,932,236**
Variance from previous year				-$ 376,362	$ 4,618,504	$ 681,872	$ 4,445,211		$ 1,932,236	
Percent change (year over year)				0.0%	5.6%	0.8%	5.1%		2.1%	
Percent Change: Test year vs. Most Current Actual									7.28%	
Simple average of % variance for all years									3.39%	
Compound Annual Growth Rate for all years										2.6%
Compound Growth Rate (2019 vs. 2016 Actuals)									1.9%	

	2016 Last Rebasing Year OEB Approved	**2016 Last Rebasing Year Actuals**		**2018 Actuals**	**2019 Actuals**	**2020 Bridge Year**	**2021 Test Year**
Operations		$ 18,398,554		$ 20,877,170	$ 22,397,905	$ 23,824,185	$ 22,923,625
Maintenance		$ 9,739,324		$ 9,125,316	$ 8,652,557	$ 9,766,516	$ 9,855,230
Billing and Collecting		$ 12,593,747		$ 11,940,913	$ 10,220,106	$ 12,051,515	$ 12,711,160
Community Relations		$ 5,290,093		$ 4,758,993	$ 5,131,425	$ 5,894,923	$ 6,365,075
Administrative and General		$ 36,599,477		$ 40,160,945	$ 41,143,216	$ 40,453,281	$ 42,067,566
Total	**$ 83,105,563**	**$ 82,621,195**		**$ 86,863,337**	**$ 87,545,209**	**$ 91,990,420**	**$ 93,922,656**
%Change (year over year)		-0.6%		5.1%	0.8%	5.1%	2.1%

Appendix 2-JC
OM&A Programs Table

Programs	Last Rebasing Year (2016 OEB-Approved)	Last Rebasing Year (2016 Actuals)	2017 Actuals	2018 Actuals	2019 Bridge Year	2020 Bridge Year	2021 Test Year	Variance (Test Year vs. 2019 Bridge Year)	Variance (Test Year vs. Last Rebasing Year (2016 OEB
Reporting Basis		MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS
Distribution Operations									
		17,754,301	18,885,205	19,311,623	19,869,602	20,382,354	21,457,611	1,588,009	21,457,611
Sub-Total	0	17,754,301	18,885,205	19,311,623	19,869,602	20,382,354	21,457,611	1,588,009	21,457,611
Engineering & Design									
		6,872,207	6,878,698	7,540,783	7,418,961	8,745,847	8,565,907	1,146,946	8,565,907
Sub-Total	0	6,872,207	6,878,698	7,540,783	7,418,961	8,745,847	8,565,907	1,146,946	8,565,907
Customer Billing									
		9,479,737	8,935,559	8,866,310	7,734,221	8,634,341	9,192,696	1,458,475	9,192,696
Sub-Total	0	9,479,737	8,935,559	8,866,310	7,734,221	8,634,341	9,192,696	1,458,475	9,192,696
Customer & Community Relations									
		7,191,429	7,290,667	7,010,829	6,852,228	7,892,865	8,459,107	1,606,879	8,459,107
Sub-Total	0	7,191,429	7,290,667	7,010,829	6,852,228	7,892,865	8,459,107	1,606,879	8,459,107
Collections, Accounts & Activities									
		3,120,713	3,775,127	2,882,389	2,488,873	3,278,626	3,377,588	888,715	3,377,588
Sub-Total	0	3,120,713	3,775,127	2,882,389	2,488,873	3,278,626	3,377,588	888,715	3,377,588
Facilities									
		6,652,188	6,441,641	7,123,923	9,540,837	7,338,521	7,475,608	-2,065,229	7,475,608
Sub-Total	0	6,652,188	6,441,641	7,123,923	9,540,837	7,338,521	7,475,608	-2,065,229	7,475,608
Finance									
		3,917,774	3,847,245	3,963,955	3,041,690	3,340,269	3,416,978	375,288	3,416,978
Sub-Total	0	3,917,774	3,847,245	3,963,955	3,041,690	3,340,269	3,416,978	375,288	3,416,978
Human Resources & Training									
		4,118,272	3,826,980	4,053,590	3,558,965	3,795,303	3,890,319	331,354	3,890,319
Sub-Total	0	4,118,272	3,826,980	4,053,590	3,558,965	3,795,303	3,890,319	331,354	3,890,319
Information Mgt & Technology									
		7,651,842	8,261,849	10,692,063	10,515,506	11,952,687	10,084,556	-430,950	10,084,556
Sub-Total	0	7,651,842	8,261,849	10,692,063	10,515,506	11,952,687	10,084,556	-430,950	10,084,556
Metering									
		2,265,665	2,477,790	2,200,471	2,058,549	2,585,701	2,611,952	553,403	2,611,952
Sub-Total	0	2,265,665	2,477,790	2,200,471	2,058,549	2,585,701	2,611,952	553,403	2,611,952
Regulatory Affairs									
		2,023,857	2,037,050	2,157,111	2,012,013	2,248,403	2,985,742	973,729	2,985,742
Sub-Total	0	2,023,857	2,037,050	2,157,111	2,012,013	2,248,403	2,985,742	973,729	2,985,742
Safety, Environment & Bus Continuity									
		2,045,255	2,261,796	3,422,633	4,429,373	3,662,418	3,719,278	-710,095	3,719,278
Sub-Total	0	2,045,255	2,261,796	3,422,633	4,429,373	3,662,418	3,719,278	-710,095	3,719,278
Supply Chain									
		1,244,105	1,470,594	1,252,299	1,197,612	1,062,107	1,059,855	-137,757	1,059,855
Sub-Total	0	1,244,105	1,470,594	1,252,299	1,197,612	1,062,107	1,059,855	-137,757	1,059,855
Corporate Costs									
		8,283,850	5,854,631	6,385,358	6,826,780	7,070,979	7,625,461	798,681	7,625,461
Sub-Total	0	8,283,850	5,854,631	6,385,358	6,826,780	7,070,979	7,625,461	798,681	7,625,461
Miscellaneous								0	0
Total	**83,105,563**	**82,621,195**	**82,244,832**	**86,863,337**	**87,545,210**	**91,990,421**	**93,922,658**	**6,377,448**	**10,817,095**

Notes:

1 Please provide a breakdown of the major components of each OM&A Program undertaken in each year. Please ensure that all Programs below the materiality threshold are included in the miscellaneous line. Add more Programs as required.

2 The applicant should group projects appropriately and avoid presentations that result in classification of significant components of the OM&A budget in the miscellaneous category

Appendix 2-L
Recoverable OM&A Cost per Customer and per FTE 1

	Last Rebasing Year 2016 - OEB Approved	Last Rebasing Year 2016 - Actual	2017 Actuals	2018 Actuals	2019 Bridge Year	2020 Bridge Year	2021 Test Year
Reporting Basis	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS
OM&A Costs	**$ 83,105,563**	**$ 82,621,195**	**$ 82,244,832**	**$ 86,863,337**	**$ 87,545,210**	**$ 91,990,421**	**$ 93,922,658**
O&M		$ 28,137,878	$ 29,158,414	$ 30,002,486	$ 31,050,462	$ 33,590,701	$ 32,778,855
Admin Expenses		$ 54,483,317	$ 53,086,419	$ 56,860,851	$ 56,494,747	$ 58,399,719	$ 61,143,801
Total Recoverable OM&A from Appendix 2-JB 5	$ 83,105,563	$ 82,621,195	$ 82,244,833	$ 86,863,337	$ 87,545,209	$ 91,990,420	$ 93,922,656
Number of Customers 2,4	327,260	325,915	329,927	333,620	337,454	341,559	344,936
Number of FTEs 3,4	623	606	603	599	625	623	616
Customers/FTEs	526	538	547	557	540	549	560
OM&A cost per customer							
O&M per customer	$0	$86	$88	$90	$92	$98	$95
Admin per customer	$0	$167	$161	$170	$167	$171	$177
Total OM&A per customer	$254	$254	$249	$260	$259	$269	$272
OM&A cost per FTE							
O&M per FTE	$0	$46,455	$48,356	$50,113	$49,665	$53,961	$53,247
Admin per FTE	$0	$89,951	$88,037	$94,974	$90,363	$93,815	$99,324
Total OM&A per FTE	$133,460	$136,406	$136,393	$145,087	$140,028	$147,776	$152,571

Notes:

1 If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual information is required.

2 The method of calculating the number of customers must be identified. Should correspond with data provided in Appendix 2-IB.

3 The method of calculating the number of FTEs must be identified. See also Appendix 2-K.

4 The number of customers and the number of FTEs should correspond to mid-year or average of January 1 and December 31 figures.

5 For the test year, the applicant should take into account the system O&M (line 22 of Appendix 2-AB) in developing its forecasted OM&A.

Appendix 2-D
Overhead Expense

Applicants are to provide a breakdown of OM&A before capitalization in the below table. OM&A before capitalization may be broken down by cost center, program, drivers or another format best suited to focus on capitalized vs. uncapitalized OM&A.

OM&A Before Capitalization	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year
Distribution Operations	$ 42,072,595	$ 42,985,534	$ 43,175,751	$ 44,455,558	$ 45,958,946
Engineering & Design	$ 12,437,569	$ 13,398,062	$ 13,294,088	$ 13,977,990	$ 14,167,879
Customer Billing	$ 8,936,703	$ 8,912,271	$ 8,447,649	$ 9,274,258	$ 9,619,556
Customer & Community Relations	$ 7,300,361	$ 7,010,829	$ 6,912,228	$ 8,003,925	$ 8,617,580
Collections, Acct & Activities	$ 3,781,614	$ 2,948,863	$ 2,587,010	$ 3,278,626	$ 3,377,588
Facilities	$ 6,443,441	$ 7,127,723	$ 9,548,152	$ 7,338,521	$ 7,475,608
Finance	$ 3,847,245	$ 3,963,955	$ 3,046,156	$ 3,340,269	$ 3,441,938
Human Resources & Training	$ 3,889,418	$ 4,056,098	$ 3,558,965	$ 3,853,861	$ 3,939,877
Information Mgt & Technology	$ 10,722,068	$ 10,884,225	$ 10,870,402	$ 11,952,687	$ 10,310,302
Metering	$ 2,856,917	$ 2,621,587	$ 2,633,373	$ 2,967,981	$ 3,074,131
Regulatory Affairs	$ 2,037,050	$ 2,157,111	$ 2,012,013	$ 2,248,403	$ 2,998,222
Safety, Environment & Bus Cont	$ 2,261,796	$ 3,434,261	$ 4,429,373	$ 3,662,418	$ 3,719,278
Supply Chain	$ 2,632,039	$ 2,465,807	$ 2,428,264	$ 2,267,583	$ 2,321,330
Corporate Costs	$ 5,854,631	$ 6,385,206	$ 6,826,780	$ 7,070,979	$ 7,625,461
Total OM&A Before Capitalization (B)	$ 115,073,447	$ 118,351,532	$ 119,770,204	$ 123,693,059	$ 126,647,696

Applicants are to provide a breakdown of capitalized OM&A in the below table. Capitalized OM&A may be broken down using the categories listed in the table below if possible. Otherwise, applicants are to provide its own break down of capitalized OM&A.

Capitalized OM&A	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	Directly Attributable? (Yes/No)	Explanation for Change in Overhead Capitalized
Supply Chain	$ 1,160,695	$ 1,213,508	$ 1,230,652	$ 1,205,476	$ 1,231,474	Yes	
Supervision	$ 2,365,426	$ 2,539,391	$ 2,179,994	$ 2,287,211	$ 2,530,939	Yes	
Engineering	$ 3,020,405	$ 3,235,342	$ 3,179,981	$ 2,910,979	$ 3,184,311	Yes	
Fleet	$ 2,954,501	$ 3,101,160	$ 3,266,875	$ 3,333,470	$ 3,317,225	Yes	
Labour	$ 23,327,587	$ 21,398,793	$ 22,367,493	$ 21,965,502	$ 22,461,088	Yes	
Total Capitalized OM&A (A)	$ 32,828,614	$ 31,488,194	$ 32,224,995	$ 31,702,638	$ 32,725,037		

% of Capitalized OM&A (=A/B)	29%	27%	27%	26%	26%		

OPERATIONS, MAINTENANCE AND ADMINISTRATION COST DRIVERS AND PROGRAM VARIANCE ANALYSIS

1. INTRODUCTION

This Schedule describes Hydro Ottawa's operations, maintenance and administration ("OM&A") costs by major program. It also provides a year-over-year variance analysis and a major cost driver variance summary. Variance explanations are provided for program costs with variances greater than $750K, consistent with the materiality threshold that the utility is employing for purposes of this Application.[1]

The information contained in this Schedule is guided by the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019 ("Filing Requirements").

2. OM&A COST DRIVERS

Table 1 below identifies the year-over-year cost drivers impacting Hydro Ottawa's OM&A. Explanations for each cost driver are provided thereafter.

[1] Please see Exhibit 1-1-4: Administration for information on the utility's materiality threshold.

Table 1 – Recoverable OM&A Cost Drivers[2] ($'000,000s)

Major Driver	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year
OPENING BALANCE	**$83.1[3]**	**$ 82.6**	**$ 82.2**	**$ 86.8**	**$ 87.5**	**$ 91.9**
Labour Compensation and Benefits (Table 2)		$(0.2)	$3.3	$0.6	$1.6	$2.0
Proactive and Reactive Distribution System Maintenance (Table 3)		$0.1	$0.5	$0.5	$(0.1)	$0.3
Facilities, Insurance, and Fuel (Table 5)		$0.1	$0.3	$2.9	$(1.5)	$0.2
OEB Fees and CDM Allocation (Table 6)		$(0.1)	$0.0	$0.2	$0.2	$0.7
Call Centre, Postage, and Bad Debt (Table 7)		$0.3	$(1.0)	$ (0.7)	$0.8	$0.0
Dark Fiber Fees (Table 8)		$(0.1)	$0.0	$0.3	$0.9	$(1.7)
Technology (Table 9)		$0.8	$0.4	$0.5	$1.3	$0.9
SLA Cost Reclassification		$0.0	$0.0	$(3.7)	$(0.2)	$(0.1)
Other	$(0.5)	$(1.3)	$1.1	$0.1	$1.4	$(0.3)
Total Change	**$(0.5)**	**$(0.4)**	**$4.6**	**$0.7**	**$4.4**	**$2.0**
CLOSING BALANCE[4]	**$ 82.6**	**$ 82.2**	**$ 86.8**	**$ 87.5**	**$ 91.9**	**$ 93.9**

2.1. LABOUR COMPENSATION COSTS AND BENEFITS

This first cost driver includes workforce planning, salary increases, step progressions, and changes in insured and statutory benefits, pension, and vacancy allowance.

Negotiated salary increases and step progressions for unionized employees are determined as per Hydro Ottawa's collective agreement with the International Brotherhood of Electrical Workers ("IBEW"). The utility's current collective agreement with the IBEW expires on March 31, 2021. Comparable adjustments are forecasted as merit increases for management and non-union employees.

[2] As displayed in Attachment 4-1-4(A): OEB Appendix 2-JB: Recoverable OM&A Cost Driver Table
[3] The 2016 Opening Balance represents that which was approved by the OEB in the adjudication of Hydro Ottawa's *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application* (EB-2015-0004).
[4] Totals may not sum due to rounding.

Hydro Ottawa has taken several proactive measures to contain compensation costs, as outlined in Exhibit 4-1-5: Workforce Staffing and Compensation. Table 2 shows total compensation for employees over the 2016-2021 period, including salaries and benefits. The increase in 2018 is largely attributable to overtime costs that were incurred during the restoration activities following three extreme weather events which all caused significant damage to the electricity grid – an ice storm in April, a wind storm in May, and six tornadoes in the Ottawa area in September. Compensation in 2019 is relatively flat in comparison to 2018, as overtime costs are at a four-year low. Overall, as indicated by the compound annual growth rate (“CAGR”) in Table 2 below, the annual average increase in total compensation costs over 2016-2021, including benefits, is 2.0%.

Table 2 – Total Compensation Costs, Including Benefits ($’000,000s)

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[5]
Total Compensation Costs	$72.1	$71.9	$75.2	$75.8	$77.5	$79.5	2.0%
Year-over-Year Variance[6]		*$(0.2)*	*$3.3*	*$(0.6)*	*$1.6*	*$2.0*	

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[5] CAGR represents the compound annual growth rate between 2016 and 2021.
[6] Variance may exist due to rounding.

Figure 1 – Work Crews Restoring Power Following 2018 Tornado Event

2.2. PROACTIVE AND REACTIVE DISTRIBUTION SYSTEM MAINTENANCE

Within the Proactive and Reactive Distribution System Maintenance category, there are three programs which collectively represent 70% of total expenditures, on average:

- Vegetation Management
- Underground Cable Locates
- Spills Cleanup

Table 3 below summarizes Proactive and Reactive Distribution System Maintenance external costs, inclusive of these three categories.[7]

[7] The costs shown exclude internal labour costs.

Table 3 – Summary of Proactive and Reactive Distribution System Maintenance Costs ($'000,000s)

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[8]
Vegetation Management	\$3.3	\$3.2	\$3.3	\$2.8	\$3.0	\$3.0	(1.9)%
Underground Cable Locates	\$2.1	\$2.2	\$2.7	\$2.8	\$2.9	\$3.1	8.5%
Spills Cleanup	\$0.7	\$0.6	\$0.8	\$1.5	\$0.7	\$0.7	0.4%
Others	\$2.6	\$2.8	\$2.5	\$2.7	\$3.1	\$3.2	4.0%
TOTAL[9]	**\$8.7**	**\$8.8**	**\$9.3**	**\$9.8**	**\$9.7**	**\$10.0**	**2.9%**
Year-over-Year Variance[10]		*\$0.1*	*\$0.5*	*\$0.5*	*\$(0.1)*	*\$0.3*	

2.2.1. Vegetation Management

Hydro Ottawa's Vegetation Management program is part of a preventative maintenance approach with the overall goals of maintaining safety clearances and minimizing outages caused by tree contact. The program involves the annual trimming of more than 40,000 trees which are located near overhead power lines, both in the downtown core and in suburban areas. The program is executed by contractors for an annual cost of approximately \$3.0M.

The two key drivers of the contract costs are the number of trees trimmed each year and the negotiated contract rate. The cost increase each year represents a general inflationary increase built into the contract price.

In 2019, these contracts were re-tendered through a competitive procurement process and renewed at a lower price point. This resulted in a CAGR rate of -1.9% for the program over the 2016-2021 period.

[8] CAGR represents the compound annual growth rate between 2016 and 2021.
[9] Totals may not sum due to rounding.
[10] Variance may exist due to rounding.

Figure 2 – Hydro Ottawa Crew Trimming Trees

2.2.2. Underground Cable Locates

The Underground Cable Locates program is part of an overall Public Safety program. Within this program, utilities, home owners, and contractors must call to confirm that any excavation area in which they are working does not contain any buried utility infrastructure. The locate service is then executed by Hydro Ottawa's contractors.

Figure 3 – Underground Cable Locates Public Safety Reminders

Underground Cable Locates requests are customer demand-driven and hence the volume portion of the cost is not controllable by Hydro Ottawa. In the past three years, the volume of calls have increased significantly, largely due to growing demand for fiber-to-the-home ("FTTH") technology, which is expected to continue increasing.[11]

In order to mitigate the associated costs, Hydro Ottawa negotiated an Alternate Locate Agreement as part of a Local Distribution Company ("LDC") consortium which eliminates the need for a locate for low-risk electricity infrastructure work (e.g. hand-digging tree roots). In addition, in 2019 Hydro Ottawa changed its requirement for a relocate to be performed if the previous locate is older than 30 days, with 60 days now serving as the new date of expiration. This change will reduce the number of relocate requests and the associated costs without negatively impacting public safety.

The CAGR for this program over the 2016-2021 period is 8.5%. As noted above, this relatively high rate is driven primarily by customer volumes, with FTTH being the largest contributor. Table 4 below provides detail for two of the Historical Years, showing both the number of locate requests and the average cost per request.

Table 4 – Indicative Underground Cable Locates Costs

Year	# of Locates	Total Costs ($'000,000s)	Average Cost per Locate
2017 Historical Year	87,622	$2.2	$25.10
2018 Historical Year	102,798	$2.8	$26.82
Percentage Variance	*17.3%*	*25.4%*	*6.9%*

2.2.3. Spills Cleanup

The Spills Cleanup program costs are driven by the number of spills and the amount of remediation work required.[12] The primary causes of spill cleanup are vehicle fluid spills (i.e.

[11] FTTH, also called "fiber to the premises" ("FTTP"), is the installation and use of optical fiber from a central point directly to individual buildings – such as residences, apartment buildings, and businesses – in order to provide high-speed internet access.
[12] This program excludes spills resulting from Damage to Plant.

engine oil, hydraulic oil, transmission fluid, etc.) and insulating oil spills from equipment, such as distribution transformers. Distribution transformers were the source of 95% of the reported spill incidents from 2015-2018. Leaking transformers are identified through system operations as well as the Underground Transformer Visual and Thermographic Inspection program (see Figure 4 below for an example of a leaking transformer).

In 2018, there were 120 equipment oil spills identified, 59 of which required remediation. This represented a 40% increase over the 2015-2017 average. This change was driven, in part, by 2018 inspections largely occurring in the eastern region of the City of Ottawa, where the majority of transformers were installed during the 1980s. Not only are the transformers in this area advanced in age, they are situated much closer to the road as compared to other areas, making them more susceptible to corrosion from salt and thus to a higher number of leaks.[13] Although the spills were identified in 2018, the timing of the inspection program resulted in much of the remediation work being completed in 2019, which resulted in the spike in program costs during that year.

Hydro Ottawa is projecting program costs in 2020 and going forward to revert to normal ranges and historical averages.

[13] For more information on the asset demographics and lifecycle of transformers, including average age, please see Section 6 of Exhibit 2-4-3: Distribution System Plan.

Figure 4 – Leaking Transformer

2.3. FACILITIES, INSURANCE, AND FUEL

The third category of cost driver focuses on facilities, insurance, and fuel. Table 5 below displays each of these items and the associated CAGR over the 2016-2021 period.

Table 5 – Summary of Facilities, Insurance, and Fuel ($'000,000s)

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[14]
Property Tax	$2.1	$2.1	$2.3	$3.3	$3.0	$3.1	7.8%
Utilities	$1.0	$0.9	$0.9	$1.0	$0.5	$0.5	(12.2)%
Facilities Overlap	$0.0	$0.0	$0.0	$1.7	$0.0	$0.0	N/A
Substation Rental	$0.0	$0.0	$0.0	$0.0	$0.6	$0.6	N/A
Insurance	$1.4	$1.5	$1.6	$1.7	$1.9	$2.0	7.3%
Fuel	$0.6	$0.7	$0.7	$0.7	$0.8	$0.9	8.9%
TOTAL[15]	**$5.1**	**$5.2**	**$5.5**	**$8.4**	**$6.9**	**$7.1**	**6.9%**
Year-over-Year Variance[16]		*$0.1*	*$0.3*	*$2.9*	*$(1.5)*	*$0.2*	

Property taxes are paid to the City of Ottawa annually based on the value of the buildings and substations and the associated municipal tax rates. In 2019, the spike in taxes was due to the following: (i) overlap in property tax costs that arose during the transition from the Albion and Merivale properties to the Hunt Club and Dibblee properties; and (ii) the increase in the assessed values of the new properties. Property tax in 2020 is anticipated to be higher than 2018 due to higher assessed values from the new buildings only, as the Albion and Merivale buildings were sold in 2019. The percentage increase for the 2021 Test Year is based on the City of Ottawa's projection of a 3% increase.

Utilities include electricity, water, and natural gas. Utility costs are expected to decrease by half, largely due to the net metered solar arrays that were installed at the new buildings in 2019. Notwithstanding the fact that the move to the new facilities occurred during Q2 2019, the impact of this reduction is not seen until 2020 and 2021. This is on account of the overlap in costs experienced in 2019, as described above, with the transition between Albion and Merivale to Hunt Club and Dibblee. Amongst other things, the installation of the net metered solar arrays at the new facilities demonstrates Hydro Ottawa's leadership in the reduction of its environmental

[14] CAGR represents the compound annual growth rate between 2016 and 2021.
[15] Totals may not sum due to rounding.
[16] Variance may exist due to rounding.

footprint. It also contributed to the utility being named one of Canada's Greenest Employers in 2019 (which marked the seventh occasion Hydro Ottawa has earned this distinction).

Figure 5 – Net Metered Solar Arrays at New Facilities

In addition to property taxes and utilities, the transition between Albion and Merivale to Hunt Club and Dibblee entailed a duplication of other facilities-related operating costs, seeing as the Merivale and Albion property sales closed in September and November 2019, respectively. Moving costs of $0.5M are also captured in the "Facilities Overlap" line in Table 5 above.

With respect to substation rentals, Hydro Ottawa and Hydro One Networks Inc. ("HONI") have joint-use substations. In the case of Hydro Ottawa-owned substations at which HONI has equipment, Hydro Ottawa has been charging HONI rent for the portion of the substation occupied by HONI's equipment. HONI has recently indicated that it intends to commence a reciprocal arrangement, in which it will charge Hydro Ottawa for the space occupied by Hydro Ottawa's equipment at HONI-owned substations. Hydro Ottawa has not yet been charged an amount by HONI. Using a similar methodology to its own, however, Hydro Ottawa estimates the expected rental cost will be approximately $0.6M.

Insurance premiums have been increasing approximately 5%-6% per year due to global market factors and higher insured values as new assets come on-line and replacement costs increase for existing assets. In 2020, this increase is set to be higher, as a full property valuation exercise was completed for insured assets which resulted in an increase to the overall valuation of approximately $100.0M. Along with the significant hardening of the insurance markets due to financial losses by the insurance industry, this has driven large increases for property insurance owned by Hydro Ottawa. Cyber security premiums have also risen significantly, as policy wording and coverage limits were strengthened to mitigate the increasing threat of cyber attacks.

Hydro Ottawa purchases approximately $0.7M per year in fuel. These costs are driven both by market price and consumption. Fuel consumption generally ranges from 50,000 to 70,000 litres per month to support 234 vehicles and other transportation equipment.[17] The consumption for the Bridge Years and Test Year is relatively flat. However, fuel costs are expected to rise over the term of the utility's 2021-2025 rate plan.

2.4. OEB FEES AND CONSERVATION AND DEMAND MANAGEMENT ALLOCATION

The fourth key cost driver is related to fees assessed to Hydro Ottawa by the OEB, in accordance with the OEB's Cost Assessment model, and to conservation and demand management ("CDM") allocation costs. The utility has grouped these together, in light of the fact that they are outside of its control and are driven by public policy and regulatory requirements.

[17] Please see Attachment 2-4-3(F): Fleet Replacement Program for details on Hydro Ottawa's vehicle fleet.

Table 6 – Summary of OEB Fees and CDM Allocation Costs ($'000,000s)

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[18]
OEB Fees	$1.1	$1.1	$1.1	$1.0	$1.1	$1.6	8.0%
CDM Allocation	$(0.5)	$(0.6)	$(0.6)	$(0.4)	$(0.2)	$0.0	(41.4)%
TOTAL[19]	**$0.6**	**$0.5**	**$0.5**	**$0.7**	**$0.9**	**$1.6**	**21.1%**
Year-over-Year Variance[20]		*$(0.1)*	*$0.0*	*$0.2*	*$0.2*	*$0.7*	

Pursuant to modifications to its Cost Assessment model that were adopted in 2016, the OEB has enabled Hydro Ottawa to record the difference between OEB cost assessments that were built into the utility's 2016-2020 rates and cost assessments that resulted from the new model in a balance sheet variance account.[21] This treatment will not be applicable to Hydro Ottawa's 2021-2025 rates. Accordingly, the utility has included the full amount of OEB cost assessment fees in OM&A starting in 2021.

On March 21, 2019, the 2015-2020 Conservation First Framework ("CFF") program administered by the Independent Electricity System Operator ("IESO") was terminated, pursuant to Ministerial directive. During this program, Hydro Ottawa was providing certain shared services to its internal IESO-funded CDM program. These services included Human Resources ("HR"), Facilities, Information Technology ("IT"), Finance, Communication, and Fleet, for a total cost of $0.6M, as shown in the 2017 and 2018 Historical Years columns in Table 6 above. As a result, Hydro Ottawa's OM&A was reduced by the amount of this allocation during those years. However, after the CFF wind-down period is complete in 2021, this shared service recovery will cease.

[18] CAGR represents the compound annual growth rate between 2016 and 2021.
[19] Totals may not sum due to rounding.
[20] Variance may exist due to rounding.
[21] Please see Exhibit 4-2-4: Regulatory Costs for further details on the OEB's Cost Assessment model.

2.5. CONTACT CENTRE, POSTAGE, AND BAD DEBT

The next category of cost driver involves matters pertaining to customer care and billing. As shown in Table 7 below, contact centre, postage, and fluctuations in bad debt serve as the primary drivers. Together, these drivers are set to produce an overall reduction in costs during 2016-2021.

Table 7 – Summary of External Contact Centre, Postage, and Bad Debt Costs ($'000,000s)

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[22]
External Contact Centre	$2.0	$1.7	$1.6	$1.6	$1.7	$1.7	(3.3)%
Postage	$2.1	$1.9	$1.8	$1.8	$1.8	$1.8	(3.2)%
Bad Debt	$1.4	$2.2	$1.5	$0.8	$1.5	$1.5	1.7%
TOTAL[23]	**$5.5**	**$5.8**	**$4.9**	**$4.2**	**$5.0**	**$5.0**	**(1.8)%**
Year-over-Year Variance[24]		*$0.3*	*$(1.0)*	*$(0.7)*	*$0.8*	*$0.0*	

In 2017, Hydro Ottawa signed a contract with a new provider of contact centre services. This resulted in lower costs and better service levels. The costs associated with contact centre services are largely driven by the duration of customer calls. Call lengths have been reduced as a result of increased automation, including planned outage notifications sent to customers in advance through Auto Dialer, Move-In/Move-Out requests processed through the utility's web portal, increased usage of MyAccount, and expanded communications through various social media channels.[25] The total contract cost for the contact centre was $2.0M in 2016; by 2021, it is expected to be $1.7M.

Postage rates have historically increased by 3% per year, while Hydro Ottawa's customer growth has averaged 1% per year. Despite these trends, the utility is showing a CAGR of -3.2%

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[22] CAGR represents the compound annual growth rate between 2016 and 2021.
[23] Totals may not sum due to rounding.
[24] Variance may exist due to rounding.
[25] More information on these initiatives is available in Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives.

on account of its continued success in enrolling customers in e-billing. Hydro Ottawa has achieved the highest e-billing participation rate among Ontario LDCs (almost 50% of customers), which has translated into an estimated annual savings of $1.9M in avoided postage and printing costs.

Bad debt increased significantly in 2017, when the OEB first introduced the Disconnection Moratorium for electricity distributors. To address this increase, Hydro Ottawa undertook several mitigation efforts, including the implementation of Auto Dialer functionality. The Auto Dialer replaced the hand-delivery of the 48-hour warning notices, meaning more customers can be reached and reminded of payments in a much more timely fashion. Since the launch of the Auto Dialer solution, bad debt expenses have been trending more positively. Bad Debt as a percentage of Total Electricity Revenue is a metric that continues to be monitored by the utility, and since 2017, performance has trended in a positive direction. Despite the Disconnection Moratorium, the utility anticipates that bad debt will eventually return to pre-2017 levels.

2.6. DARK FIBER FEES

The construction of an optical telecommunications network was approved by the OEB, as part of Hydro Ottawa's last rebasing application.[26] In 2019, the utility began transitioning from the current leased fiber to the new fiber optic network in stages. The exit fees from the lease contracts (based on the contract terms and conditions) are shown in Table 8 below. Hydro Ottawa expects to exit all of its lease contracts by 2022, which will result in a permanent operating cost reduction of $1.0M.

[26] Ontario Energy Board, *Decision and Order*, EB-2015-0004 (December 22, 2015).

Table 8 – Summary of Dark Fiber Lease and Exit Fees ($'000,000s)

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[27]
Annual Lease	1.1	1.0	1.0	0.9	0.7	0.1	N/A
Exit Fee	0.0	0.0	0.0	0.4	1.5	0.4	N/A
TOTAL[28]	**1.1**	**1.0**	**1.0**	**1.3**	**2.2**	**0.5**	**(16.2%)**
Year-over-Year Variance[29]		*(0.1)*	*0.0*	*0.3*	*0.9*	*(1.7)*	N/A

2.7. TECHNOLOGY

Attachment 1-1-13(B): Digital Strategy identifies Hydro Ottawa's priorities and goals for leveraging information and operational technology in support of its business objectives over the 2021-2025 period. The Digital Strategy revolves around four central themes: an enhanced customer experience; evolution of the grid; increased productivity through automation; and participation in energy innovation and technology.

As dependence on technology and automation increases, costs can as well. As the Digital Strategy continues to evolve and align with best practices, Hydro Ottawa is seeking readily-available solutions that best fit our business needs. In many instances, this has taken the form of the utility moving away from traditional on-premise solutions to cloud-based options. Cloud-based options simplify internal infrastructure and leverage turnkey options offered by cloud solutions. With this cloud-based focus, Hydro Ottawa has realized a year-over-year increase in IT subscriptions, resulting in a CAGR of 7.9% over the 2016-2021 period, as shown in Table 9 below.

One of the cost evaluation and control measures applied by Hydro Ottawa to this critical and growing part of the business is benchmarking. For a copy of the IT Budget Assessment Benchmark study that was prepared to support the development of this Application, please refer to Attachment 1-1-12(F).

[27] CAGR represents the compound annual growth rate between 2016 and 2021.
[28] Totals may not sum due to rounding.
[29] Variance may exist due to rounding.

Table 9 – Summary of Technology Costs ($'000,000s)

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[30]
Technology Costs	8.2	9.0	9.4	9.9	11.2	12.1	7.9%
Year-over-Year Variance[31]		*0.8*	*0.4*	*0.5*	*1.3*	*0.9*	

2.8. SERVICE LEVEL AGREEMENT COSTS RECLASSIFICATION

Consistent with section 2.4.3.2 of the Filing Requirements and OEB guidance issued in 2018, Service Level Agreement ("SLA") costs were no longer included in OM&A as of 2019.[32] (Please see Exhibit 4-2-1: Shared Services and Corporate Cost Allocation and Exhibit 3-2-1: Other Revenue Summary for details). Prior to 2019, Hydro Ottawa recorded the SLA revenue in USofA 4325 as Revenues from Merchandising and Jobbing, but left the associated costs in OM&A. With the growth of Hydro Ottawa's affiliate business activity, the amounts charged to these affiliates and the associated costs through SLAs increased significantly, as outlined in Attachment 4-2-1(A): OEB Appendix 2-N - Shared Services and Corporate Cost Allocation. The costs, along with the associated SLA revenue, are now reported in USofA 4330 Costs from Merchandising and Jobbing and are deducted from Hydro Ottawa's OM&A.

3. OM&A PROGRAM COST & VARIANCE ANALYSIS

Pursuant to section 2.4.3 of the Filing Requirements, the following section provides a variance analysis for the 2016-2021 period of Hydro Ottawa's OM&A costs by major program. Table 10 provides Historical, Bridge, and Test Year expenditures by the program categories and the five-year CAGR for each program category. Table 11 provides a year-over-year analysis of variances per program, as expressed in both dollar and percentage terms. Any variances exceeding the $750K materiality threshold for this Application are explained. The OM&A program costs shown in Table 10 are net of any allocations to the capital programs and, as of 2019, net of the SLA costs discussed in section 2.8 above.

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[30] CAGR represents the compound annual growth rate between 2016 and 2021.
[31] Variance may exist due to rounding.
[32] Ontario Energy Board, Presentation re: *Chapter 1 & 2 Filing Requirements Update for 2019 Applications: Summary of Key Changes* (July 19, 2018), slides 15-16.

Attachment 4-1-3(D): OEB Appendix 2-D - Overhead Expenses details both the OM&A costs by program before capitalization, as well as the OM&A that has been capitalized. Hydro Ottawa's capitalized overhead costs conform with the OEB's policy on capitalization. The capitalization policy has not changed since 2016, with the percentage of OM&A costs capitalized representing between 26% and 29%. For more details on the utility's capitalization policy, please see Exhibit 2-4-4: Capitalization Policy.

Table 10 – Summary of OM&A Program Costs ($'000s)

Programs	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year	CAGR[33]
Collections, Accounts & Activities	$3,121	$3,775	$2,882	$2,489	$3,279	$3,378	1.6%
Corporate Costs	$8,284	$5,855	$6,385	$6,827	$7,071	$7,625	(1.6)%
Customer & Community Relations	$7,191	$7,291	$7,011	$6,852	$7,893	$8,459	3.3%
Customer Billing	$9,480	$8,936	$8,866	$7,734	$8,634	$9,193	(0.6)%
Distribution Operations	$17,754	$18,885	$19,312	$19,870	$20,382	$21,458	3.9%
Engineering & Design	$6,872	$6,879	$7,541	$7,419	$8,746	$8,566	4.5%
Facilities	$6,652	$6,442	$7,124	$9,541	$7,339	$7,476	2.4%
Finance	$3,918	$3,847	$3,964	$3,042	$3,340	$3,417	(2.7)%
Human Resources & Training	$4,118	$3,827	$4,054	$3,559	$3,795	$3,890	(1.1)%
Information Management & Technology	$7,652	$8,262	$10,692	$10,516	$11,953	$10,085	5.7%
Metering	$2,266	$2,478	$2,200	$2,059	$2,586	$2,612	2.9%
Regulatory Affairs	$2,024	$2,037	$2,157	$2,012	$2,248	$2,986	8.1%
Safety, Environment & Business Continuity	$2,045	$2,262	$3,423	$4,429	$3,662	$3,719	12.7%
Supply Chain	$1,244	$1,471	$1,252	$1,198	$1,062	$1,060	(3.2)%
GRAND TOTAL[34]	**$82,621**	**$82,245**	**$86,863**	**$87,545**	**$91,990**	**$93,923**	**2.6%**

[33] CAGR represents the compound annual growth rate between 2016 and 2021.
[34] Totals may not sum due to rounding.

Table 11 – Summary of OM&A Program Variances ($'000s)

Programs	2017-2016 Variance		2018-2017 Variance		2019-2018 Variance		2020-2019 Variance		2021-2020 Variance	
Collections, Account & Activities	$654	*21%*	$(893)	*(24)%*	$(394)	*(14)%*	$790	*32%*	$99	*3%*
Corporate Costs	$(2,429)	*(29)%*	$531	*9%*	$441	*7%*	$244	*4%*	$554	*8%*
Customer & Community Relations	$99	*1%*	$(280)	*(4)%*	$(159)	*(2)%*	$1,041	*15%*	$566	*7%*
Customer Billing	$(544)	*(6)%*	$(69)	*(1)%*	$(1,132)	*(13)%*	$900	*12%*	558	*6%*
Distribution Operations	$1,131	*6%*	$426	*2%*	$558	*3%*	$513	*3%*	$$1,075	*5%*
Engineering & Design	$6	*0%*	$662	*10%*	$(122)	*(2)%*	$1,327	*18%*	$(180)	*(2)%*
Facilities	$(211)	*(3)%*	$682	*11%*	$2,417	*34%*	$(2,202)	*(23)%*	$137	*2%*
Finance	$(71)	*(2)%*	$117	*3%*	$(922)	*(23)%*	$299	*10%*	$77	*2%*
Human Resources & Training	$(291)	*(7)%*	$227	*6%*	$(495)	*(12)%*	$236	*7%*	$95	*3%*
Information Management & Technology	$610	*8%*	$2,430	*29%*	$(177)	*(2)%*	$1,437	*14%*	$(1,868)	*(16)%*
Metering	$212	*9%*	$(277)	*(11)%*	$(142)	*(6)%*	$527	*26%*	$26	*1%*
Regulatory Affairs	$13	*1%*	$120	*6%*	$(145)	*(7)%*	$236	*12%*	$737	*33%*
Safety, Environment & Business Continuity	$217	*11%*	$ 1,161	*51%*	$ 1,007	*29%*	$(767)	*(17)%*	$ 57	*2%*
Supply Chain	$226	*18%*	$(218)	*(15)%*	$ (55)	*(4)%*	$(136)	*(11)%*	$ (2)	*0%*
Grand Total[35]	**$(376)**	***0%***	**$4,618**	***6%***	**$ 699**	***1%***	**$4,428**	***5%***	**$1,932**	***2%***

[35] Totals may not sum due to rounding.

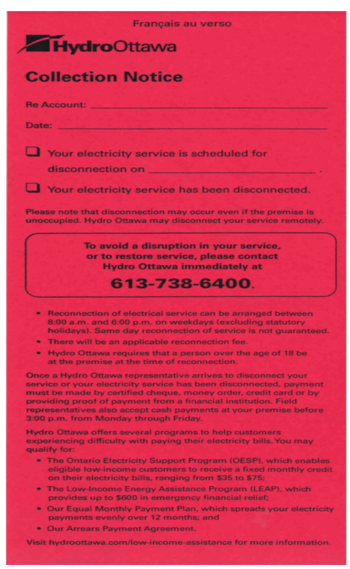
3.1. COLLECTIONS, ACCOUNTS AND ACTIVITIES

The Collections, Accounts and Activities program captures costs associated with Hydro Ottawa's collection activities and bad debt expense. The two main costs in this category are compensation and benefits, and bad debt expense.

The CAGR for this program is 1.6%. Despite higher demand and growth in collection activities, headcount in this program remained flat due to increased automation. The most notable and successful example of the use of automated technology is the implementation of the Auto Dialer solution in 2017. This initiative was implemented to help mitigate the high bad debt expense that was triggered by the imposition of the Disconnection Moratorium.

The Auto Dialer functionality was put in place to replace the 48-hour warning notices that were previously hand-delivered in advance of a disconnection for non-payment. The Auto Dialer costs only $0.26 per notice vs. hand-delivery at a combined labour and fleet hourly rate of $80. The number of hand-delivered 48-hour warning notices sent to customers dropped from 56,746 in 2016 to only 5,300 in 2018. This initiative reduced Hydro Ottawa's bad debt expense and other operational costs such as fuel, while increasing staff capacity to focus on higher-value work.

Figure 6 – 48-Hour Warning Disconnection Notice


Français au verso

HydroOttawa

Collection Notice

Re Account: ____________________

Date: ____________________

☐ Your electricity service is scheduled for disconnection on ____________________.

☐ Your electricity service has been disconnected.

Please note that disconnection may occur even if the premise is unoccupied. Hydro Ottawa may disconnect your service remotely.

To avoid a disruption in your service, or to restore service, please contact Hydro Ottawa immediately at

613-738-6400.

- Reconnection of electrical service can be arranged between 8:00 a.m. and 6:00 p.m. on weekdays (excluding statutory holidays). Same day reconnection of service is not guaranteed.
- There will be an applicable reconnection fee.
- Hydro Ottawa requires that a person over the age of 18 be at the premise at the time of reconnection.

Once a Hydro Ottawa representative arrives to disconnect your service or your electricity service has been disconnected, payment must be made by certified cheque, money order, credit card or by providing proof of payment from a financial institution. Field representatives also accept cash payments at your premise before 3:00 p.m. from Monday through Friday.

Hydro Ottawa offers several programs to help customers experiencing difficulty with paying their electricity bills. You may qualify for:

- The Ontario Electricity Support Program (OESP), which enables eligible low-income customers to receive a fixed monthly credit on their electricity bills, ranging from $35 to $75;
- The Low-Income Energy Assistance Program (LEAP), which provides up to $600 in emergency financial relief;
- Our Equal Monthly Payment Plan, which spreads your electricity payments evenly over 12 months; and
- Our Arrears Payment Agreement.

Visit hydroottawa.com/low-income-assistance for more information.

The year-over-year variances in this program are mainly due to fluctuations in bad debt expense. The increase in 2017 was attributable to the inaugural implementation of a Disconnection Moratorium, which resulted in high accounts receivable aging and associated bad debt expense. In 2018, the bad debt expense dropped, due to the utility's mitigation efforts described above. The expectation is that these levels will be maintained over the 2020-2021 period.

"Bad Debt as a % of Total Electricity Revenue" is a metric that is being monitored and performance since 2017 is trending in a positive direction.

3.2. CORPORATE COSTS

The Corporate Costs category primarily captures insurance, Future Employee Benefit Costs, and management fees from Hydro Ottawa's parent company, Hydro Ottawa Holding Inc. (Please refer to Exhibit 4-2-1: Shared Services and Corporate Cost Allocation for additional details on management fees).

Corporate Costs show a decrease in 2017 compared to 2016 due to the recognition of non-vested sick leave credits of $1.5M in 2016. In 2016, a liability and associated expense was recognized for accumulated sick leave credits for unionized employees based on an actuarial valuation of $1.5M. Hydro Ottawa's unionized employees earn sick leave days each year and unused days are carried forward for use in future years. However, when an employee retires or is terminated, there is no pay-out of the accumulated sick leave credits since they do not vest. The expense in each of the remaining Historical, Bridge, and Test Years is minimal as it only represents a true-up of the balance.

The CAGR for Corporate Costs, excluding this one-time amount of $1.5M in non-vested sick leave credits, is approximately 2.4%. All items remain relatively flat except for insurance premiums, which are on the rise because of the following reasons:

- Higher overall insured property values (including for Hydro Ottawa's new administrative and operations buildings), new substations, and the increase in replacement costs of the existing substations directly affect the cost of the policy.
- The property market has seen significant "hardening of the market" due to large financial losses incurred by insurance companies globally, which they are looking to recover. This includes catastrophic events in Canada such as wildfires (Fort McMurray), flooding (Calgary, eastern Canada), tornadoes (Ontario, including Ottawa) and an increasing number of wind and ice storms.
- For a utility like Hydro Ottawa, cyber threats are increasing, and ever-changing in complexity and volume. Higher premiums for cyber coverage reflect the increased coverage and limits required to mitigate cyber threats.

3.3. CUSTOMER AND COMMUNITY RELATIONS

The Customer and Community Relations program captures costs associated with customer experience, Key Accounts, customer contact, and communications staff. Half of the costs are salaries and benefits. The other half includes the Customer Contact Centre services, technology costs, media communications, and the administration of the provincially-mandated Low-Income Energy Assistance Program ("LEAP") and Ontario Electricity Support Program ("OESP").

As discussed in Exhibit 4-1-6: Conservation and Demand Management, despite the previous IESO-funded, LDC-delivered CDM program being terminated in 2019, Hydro Ottawa proposes to sustain a level of customer engagement, community outreach, and collaboration with other industry players in the CDM space, in order to remain a trusted advisor to its customers and to be able to partner in the pursuit of a smart energy future.

Through the effective delivery of CDM programming to its customers over the past 15 years, Hydro Ottawa has established a solid reputation as a trusted advisor providing energy-saving expertise in Ottawa's communities. By engaging customers in energy efficiency initiatives, the utility's goal is to reduce total electricity usage, avoid energy waste, and encourage customers to use less energy at times of high demand in Ottawa so as to support province-wide system needs.

Hydro Ottawa is proposing to continue this type of CDM programming starting in mid-2021, with funding recovered through rates – $0.2M in 2021, seeing as that year's needs are only partial, following on the heels of the expiration of the CFF framework, and $0.5M from 2022-2025. This funding would be allocated to compensation, marketing, and miscellaneous costs.

Contact centre service costs were reduced substantially from 2016, as a result of a transition to a new service provider and a decrease in average call duration. The reduction in call minutes is attributable to increased automation: planned outage notifications sent to customers in advance through Auto Dialer, Move-In/Move-Out requests processed through a web portal, increased usage of MyAccount, and increased communications through various social media channels. The reduction of contact centre costs was paired with an increase in service offerings from Hydro Ottawa. Contact centre hours were extended to include Saturday. In addition, several additional technology improvements have been implemented including the following:

- Social login – customers can now login to their Hydro Ottawa account using their passwords for email, Facebook, and Google.
- Customer service is available in 120 languages.
- Call-back assist – customers can request a call-back versus waiting on hold.
- Streamlined call-in system – one number for both outages and services.
- Customer self-serve telephony uses voice recognition technology known as "My Voice is My Password."

The increase in 2020 from 2019 is largely explained by investments in increased automation, including administration and technical support for Hydro Ottawa's mobile application program and Field Service Management. These solutions will enhance the customer experience and the efficiency of field operations.

3.4. CUSTOMER BILLING

Customer billing includes costs associated with Billing, Meter to Cash ("MTC"), and Meter Data operations and staff.[36] Technology costs represent about 40% of overall costs, while compensation represents approximately 33%.

The overall program costs decreased by an average of 0.6%. These savings are largely associated with a reduction in postage costs on account of increased rates of e-billing enrollment. As noted above, Hydro Ottawa has achieved the highest e-billing participation rate among Ontario LDCs (almost 50% of customers), with estimated annual savings of $1.9M in avoided postage and printing costs. As an added benefit, Hydro Ottawa's e-billing success is also helping the environment by reducing the use of paper and transportation.

Figure 7 – E-Billing "Go Paperless" Campaign[37]

[36] The MTC group includes the Enterprise Customer Care & Billing System application, Advanced Metering Infrastructure and related applications and data flows which enable business operations, and regulatory compliance for electricity revenue billing.
[37] Hydro Ottawa's donations to the Children's Hospital of Eastern Ontario ("CHEO") through its "Go Paperless" campaign are not rate-recoverable. Please see 4-2-6: Charitable and Political Donations for details.

These postage savings are partially offset by increases in compensation and benefit costs, while the headcount in this area remained flat. The reduction in 2019, and the subsequent increase in 2020, are due to the timing of the Customer Care & Billing System upgrade project and the capitalization of internal resources dedicated to the development, configuration, and implementation of the program whereby not all of the resources were backfilled.

3.5. DISTRIBUTION OPERATIONS

Distribution Operations includes costs associated with the operations and maintenance of Hydro Ottawa's distribution assets. Programs in this area include Vegetation Management, Underground Cable Locates, Pole Inspections, Cable Inspections, Infra-Red ("IR") Scanning, Load Dispatching, and other general maintenance.

Distribution Operations spending increased $1.1M in 2017 (6%) vs. 2016 and $0.4M (2%) in 2018 vs. 2017. The major increases are driven by a larger volume of work and are associated with the following distribution maintenance programs:

- **Vegetation Management:** the Vegetation Management Program is a prevention investment that is designed to produce long-term reliability gains, while maintaining safety clearance requirements. Trees that contact power lines are one of the major causes of power failure. Hydro Ottawa's System Average Interruption Frequency Index ("SAIFI") caused by tree contacts remained low at 0.08 to 0.12 through 2016-2018, while the industry average was 0.18.[38] Planned cycle trim costs averaged $2.7M annually from 2016-2018. However, several significant adverse weather events in 2017 and 2018 contributed to higher than expected total spend over that timeframe ($0.4M in total storm response costs in 2017 and $0.5M in 2018). Over 80% of the program costs are related to outside services. Program costs are expected to decrease through 2021, as a result of Hydro Ottawa having re-tendered and renegotiated its service provider contract in 2019.

[38] Source: 2016-2018 Canadian Electricity Association Service Continuity Reporting.

- **Underground Cable Locates:** the Underground Cable Locates program costs increased over the period of 2016-2020. Two-thirds of the increase is volume-related (i.e. customer demand), while the remaining one-third is due to inflationary pricing increases in Hydro Ottawa's external vendor contract. (Please see section 2.2 above). In 2018, Telecom companies' FTTH initiatives in Ottawa prompted an approximately 20% increase in locate volumes over 2016-2017 levels. This volume increase translated into a rise in costs from $2.2M in 2017 to $2.7M in 2018. Volumes are expected to continue growing through 2025. Hydro Ottawa has taken several steps to control program costs, including the establishment of Alternate Locate Agreements in situations where an approved excavator can dig without receiving a traditional locate and the extension of the validity period for locates from 30 to 60 days.

Despite the cost increases in the foregoing programs, the average annual growth rate for overall Distribution Operations remained 3.9%.

The $1.0M increase in 2021 from 2020 represents a 5% increase. This is largely explained by compensation increases, as per collective agreements and insured and statutory benefits. Other increases are driven by volume and contract price increases for distribution maintenance.

Table 12 below provides a summary of Distribution Operations by category.

Table 12 – Summary of Distribution Operations ($'000,000s)

	2016 Historical Year[39]	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year
Distribution Support Programs	$2.8	$4.0	$4.6	$4.6	$4.6	$4.9
Distribution Testing, Inspection & Maintenance	$1.7	$1.9	$2.0	$1.8	$2.2	$2.2
System Operating	$5.5	$4.6	$5.3	$4.9	$5.1	$5.2
Vegetation Management[40]	$4.2	$4.4	$4.0	$3.4	$3.9	$3.9
Distribution Maintenance	$1.9	$2.4	$1.7	$2.3	$2.4	$2.4
Stations Maintenance	$2.2	$1.8	$2.0	$2.1	$2.2	$2.2
Other[41]	$(0.6)	$(0.3)	$(0.3)	$0.7	$0.0	$0.6
TOTAL[42]	**$17.8**	**$18.9**	**$19.3**	**$19.9**	**$20.4**	**$21.4**

The sections below describe each category of Distribution Operations in more detail.

3.5.1. Distribution Support Programs

This category includes all operating and maintenance programs required to support the design, construction, and operation of the distribution system. Table 13 below contains Asset / Activity descriptions for Distribution Support Programs.

[39] Financials for 2016 were remapped from a different general ledger structure. Program spending may therefore be inconsistent from 2017 to 2021, thus impeding any calculation of CAGR. Accordingly, CAGR is not displayed in this table.
[40] Vegetation Management in this table includes internal labour costs. Table 3 includes external costs only.
[41] "Other" comprises compensation for these programs offset with allocation recoveries, and other general operating and administrative costs associated with Distribution Operations (e.g. small tools). Such costs are not allocated to the subprogram level.
[42] Totals may not sum due to rounding.

Table 13 – Asset/Activity Descriptions for Distribution Support Programs

Asset / Activity	Description
Transformer Shop	**Transformer Shop** *All costs associated with the repair and testing of distribution transformers in Hydro Ottawa's transformer shop.*
General Operating	**Records Field Checks & Standards Development** *All costs associated with Field Verification of distribution records and the development of standards, including labour associated with participating in the committee meetings of industry and standard-setting bodies.*
Power Quality Programs	**Power Quality Administration** *All costs associated with power quality investigations (as per section 2.3.2.1 of Hydro Ottawa's Conditions of Service).*
	Power Quality Monitoring Services *Costs associated with the monitoring and investigation of power quality on Hydro Ottawa's system.*
Underground Lines & Feeders	**Excavator Supervision** *Safety supervision of contractors excavating in proximity to Hydro Ottawa plant.*
	Underground Locate Service *Contracted services for protection of the Hydro Ottawa underground system (underground locates services and Ontario One–Call).*

3.5.2. Distribution Testing, Inspection & Maintenance

This category includes planned operating and maintenance programs associated with the testing, inspection, and maintenance of the distribution system. Table 14 below contains Asset / Activity descriptions for Distribution Testing, Inspection & Maintenance.

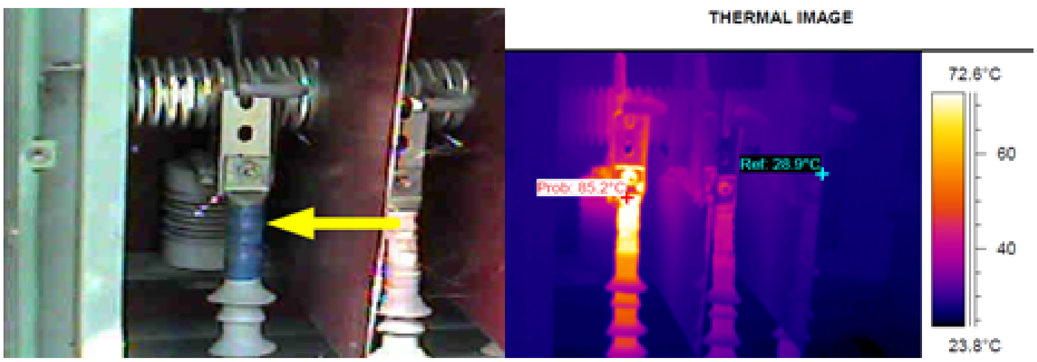
Table 14 – Asset/Activity Descriptions for Distribution Testing, Inspection & Maintenance

Asset / Activity	Description
Cable Chamber	**Cable Chamber Inspection** *Condition inspection of Hydro Ottawa and customer-owned cable chambers, which are integral to Hydro Ottawa's system.The inspection includes reviewing the condition of the collar, lid, roof, and walls. Cable chamber components that pose an immediate risk to the public, workers, or reliability of the distribution system are identified for immediate corrective actions. If they pose a reduced risk they are identified for planned corrective actions at a later date.*
Distribution Poles	**Pole Inspection** *Work to inspect and test all Hydro Ottawa distribution poles, on a 10-year cycle. Inspection information and estimated remaining strength, using the results of non-destructive resistograph drill tests, are used to assess the pole's condition. Condition information is used to identify and prioritize pole replacement programs.*
Insulator Washing	**Insulator Washing Overhead** *Costs associated with the planned washing of Hydro Ottawa's overhead insulators, in areas subjected to salt spray and heavy contamination to prevent insulation breakdown and pole fires.*
Overhead Inspection	**Overhead Thermographic Inspection** *Costs associated with the overhead thermographic scanning of all overhead assets on a 3-year cycle. Scanning is used to detect abnormal temperature conditions in equipment and connections.*
Overhead Maintenance	**Overhead Switch Maintenance** *Planned detailed inspection and corrective maintenance of Hydro Ottawa's critical overhead distribution switchgear (switch and controls).*
Underground Maintenance	**Hydro-Owned Vault Maintenance** *Planned maintenance of Hydro Ottawa-owned easement/shared vaults within customer facilities. This planned program subjects its vault transformers to a visual and thermographic inspection in addition to minor cleaning.*
Transformers - Underground	**Graffiti Abatement** *Work associated with Hydro Ottawa's Graffiti Abatement program supports compliance with the City of Ottawa's Graffiti By–Law.*
	Padmount Transformer Painting *Planned painting of Hydro Ottawa's padmount transformers, where the finish has deteriorated overtime.*
General Plant	**SCADA Maintenance** *Planned maintenance of Hydro Ottawa Supervisory Control and Data Acquisition ("SCADA") devices. Includes visual inspection, checking communication, cleaning, torquing, and function testing.*

Asset / Activity (Cont'd)	Description (Cont'd)
Underground Lines & Feeders	**Cable Testing** *Planned testing of Hydro Ottawa's in–service distribution cable. Testing is completed using non-destructive testing technology to determine the cable's probability of failure resulting from water tree migration. The testing results are used to prioritize cable replacement programs.*
Customer Operating	**Field Ops Vault Inspections** *Inspection of customer-owned vaults to identify deficiencies found that would affect operations or safety. Issues are flagged to equipment owners for corrective action.*
Underground Switchgear	**Switchgear CO2 Wash – Padmounted Gear** *Dry–ice washing of Hydro Ottawa's air insulated underground distribution switchgear, including cleaning of its internal mechanism.*
Underground Thermographic Inspection	**Underground Switchgear Thermographic and Visual Inspection** *Visual and thermographic inspection of Hydro Ottawa's gas-insulated and air-insulated distribution padmount switchgear.*
	Underground Transformer Thermographic and Visual Inspection *Visual and thermographic inspection of Hydro Ottawa's underground transformers.*

Figure 8 – Pole Testing Using Resistograph Drill

Figure 9 – Thermographic Scan Identifying Hotspot in Distribution Switchgear



3.5.3. System Operating

This category includes work associated with daily operations of the distribution system and with event response. Table 15 below contains Asset / Activity descriptions for System Operating.

Table 15 – Asset/Activity Descriptions for System Operating

Asset / Activity	Description
Load Dispatching	**Control Room Labour** *System operator dispatch labour costs.*
	General System Switching *System switching, not directly tied to specific system work.*
	HONI Switching *Cost of HONI Switching requested by Hydro Ottawa.*
Overhead Transformers	**Operating Overhead Transformers** *Inspection testing, removing, or resetting of overhead transformers.*
Overhead Lines & Feeders	**Operating Overhead** *Inspecting and testing overhead lines including lightning arrestors, line circuit breakers, switches, and grounds.*
Underground Lines & Feeders	**Operating Underground** *Inspecting and testing underground lines; patrolling.*
Underground Transformers	**Operating Underground Transformers** *Inspection testing, removing, or resetting of underground transformers.*
General Operating	**24/7 Police & Fire Call Response** *Costs associated with 24/7 response to police and fire calls.*
General Operating	**Vault Maintenance Coordination Labour** *Coordination of customer vault maintenance.*

Figure 10 – Control Room System Operator Performing Dispatching

3.5.4. Vegetation Management

This category includes all work associated with the vegetation management of Hydro Ottawa's existing overhead lines. Table 16 contains Asset / Activity descriptions for Vegetation Management.

Table 16 – Asset/Activity Descriptions for Vegetation Management

Asset / Activity	Description
Tree Trimming	**Vegetation Management – Regular Cycle Trim** *Trimming of trees, as part of the normal tree trimming cycle, according to current Hydro Ottawa tree trimming standards.*
	Vegetation Management – Off Cycle Spot Trim *Trimming of trees, outside of normal trim cycle, that pose a hazard to reliability or safety, and the removal of which falls within current Hydro Ottawa tree trimming standards.*
	Vegetation Management – Off Cycle City of Ottawa *Trimming of trees, outside of normal trim cycle, whose removal falls within current Hydro Ottawa tree trimming standards and for which a request was initiated by the City of Ottawa.*
	Vegetation Management – Off Cycle Customer Calls *Trimming of trees, outside of normal trim cycle, whose removal falls within current Hydro Ottawa tree trimming standards and for which a request was initiated by a customer.*
	Vegetation Management – Storm (Emergency) *Vegetation management required in response to a system outage, imminent event, or safety hazard.*
	Vegetation Management – Emerald Ash Borer *Costs associated with the removal of trees affected by the Emerald Ash Borer.*

Figure 11 – Crews Performing Tree Trimming near Overhead Lines

3.5.5. Distribution Maintenance

This category includes unplanned work to repair or maintain the distribution system. Table 17 below contains Asset / Activity descriptions for Distribution Maintenance.

1 **Table 17 – Asset/Activity Descriptions for Distribution Maintenance**

Asset / Activity	Description
Asbestos Removal	**Asbestos Removal & Re–fireproofing** *Removal of asbestos fireproofing from distribution cables and installing new arc-proof tape.*
Poles & Towers	**Repair Poles & Fixtures** *Repair and maintenance of poles and fixtures, excluding guy and anchor repairs.*
	Repair Guying *Repair and maintenance of pole guying and anchors.*
Overhead Maintenance	**Overhead Repairs – Conductors & Devices** *Overhauling and repairing line switches and reclosers. Cleaning Insulators and Bushings. Refusing line cut–outs. Excludes repairs to grounding.*
	Repair Pole Grounds *Repairing pole grounds.*
Overhead Services	**Overhead Repairs – Secondary Services** *Repair of overhead secondary conductors.*
Underground Conduit	**Underground Repairs – Conduit** *Moving or changing position of conduit or pipe. Minor alteration repairs or moving racks, ladders, or hangers in hand holes or manholes.*
Underground Conductors and Devices	**Underground Repairs – Secondary Conductor & Devices** *Repairing secondary conductors, splices, and connections. Repairing or moving junction boxes*
	Switchgear Maintenance *Repair of underground switches, breakers, and control wiring.*
	Underground Repairs – Primary Conductors & Devices *Repairing conductors, splices, and connections. Repairing or moving junction boxes and potheads. Re–fireproofing cable and repairing supports. Excludes services.*
Underground Services	**Underground Repairs – Secondary Services** *Repair of underground secondary services.*
Transformers - Overhead	**Transformer Repairs – Overhead Transformers** *Renewing oil, painting and the like, that is necessary to keep equipment in service. Includes transformer lightning arresters.*
Transformers - Underground	**Transformer Repairs – Underground Transformers** *Renewing oil, painting, and the like that is necessary to keep the equipment in service. Includes transformer lightning arresters.*

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3.5.6. Stations Maintenance

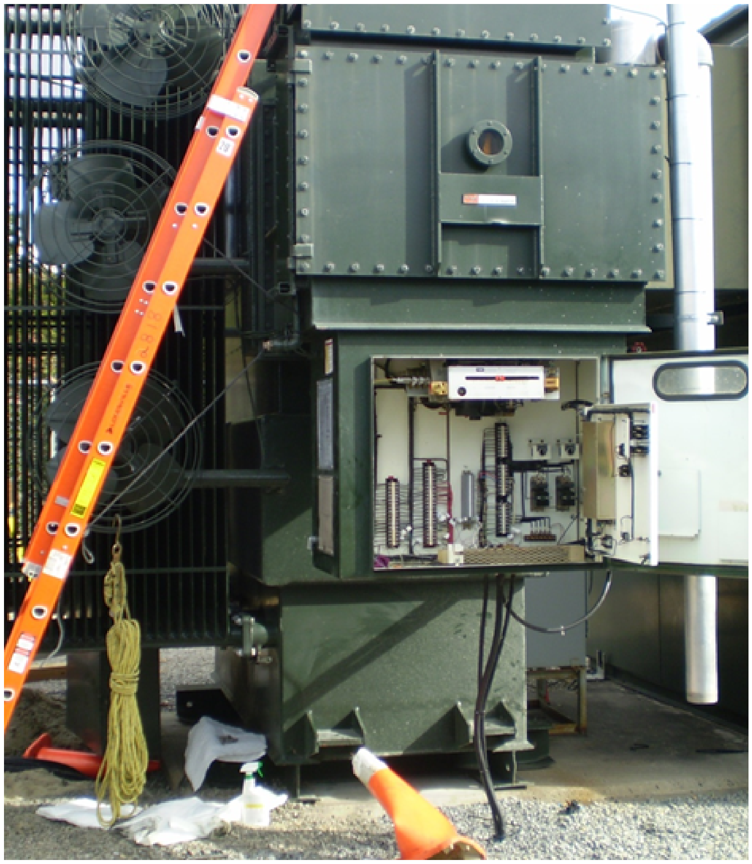
This category includes all planned and unplanned work associated with station maintenance. Table 18 contains Asset / Activity descriptions for Station Maintenance.

Table 18 – Asset/Activity Descriptions for Station Maintenance

Asset / Activity	Description
Station Transformers	**Transformer & Tap Changer Preventative Maintenance** *Work associated with planned preventative maintenance of station transformers and tap changers. Work is carried out every three to five years, and includes electrical testing and mechanical maintenance. Transformer tap changer maintenance intervals vary with the type.*
	Transformer & Tap Changer Reactive Maintenance *All work associated with unplanned corrective maintenance of station transformers and tap changers.*
	Transformer Inspection *Work associated with Hydro Ottawa's annual predictive station transformer maintenance, which includes a detailed visual inspection and infrared scans.*
	Transformer Oil Analysis *Work associated with oil-dissolved gas and oil quality analysis, undertaken as part of annual transformer predictive maintenance. This program includes a furan analysis to assess the degradation of the transformer's paper insulation, which is completed on a 5-year cycle.*
	Transformer Monitor Maintenance *Work associated with maintaining temperature controllers and online dissolved gas analysis monitors ("ODGA") on station transformers. These monitors support continuous monitoring of station transformers through SCADA to provide operational and asset condition related information.*
Station Switchgear	**Switchgear & Breaker Inspection** *All work associated with annual visual and thermographic inspection of station breaker, switchgear, and components.*
	Switchgear & Breaker Maintenance - Preventative *All work associated with planned maintenance of station breakers, switchgear and components. Work is carried out every four to six years. Preventative maintenance is performed on breakers, including electrical, mechanical, and type-specific maintenance tasks.* *Every 10 years, detailed preventative maintenance is performed on the entire switchgear assembly, including detailed internal visual inspections, insulation resistance tests, and ensuring that there are no structural deficiencies in the switchgear (e.g. cracks, leaks, or warped metal).*

Asset / Activity (Cont'd)	Description (Cont'd)
Station Switchgear	**Switchgear & Breaker Maintenance - Reactive** *All work associated with unplanned maintenance of station breakers, switchgear, and components.*
Relays	**Relay Maintenance - Preventative** *All work associated with planned maintenance of relays. Relay maintenance includes function testing, calibration of electromechanical relays, and protection setting updates, if required.*
	Relay Maintenance - Reactive *All work associated with unplanned maintenance of relays.*
DC System	**DC System Maintenance - Preventative** *Work associated with planned annual maintenance of station DC systems (Batteries and Chargers). Detailed predictive maintenance is performed on station battery banks and chargers. This includes a detailed visual inspection, infrared scan, as well as electrical and mechanical tests.*
	DC System Maintenance - Reactive *All work associated with unplanned maintenance of station DC systems, batteries, and chargers.*
Structures	**Station Structures** *All work associated with maintenance of station structures.*
IR Scan	**Station IR Scanning** *Planned thermographic scanning in stations.*
Station Inspections	**Station Inspections** *Hydro Ottawa performs monthly station inspections to check for any deficiencies and initiate corrective actions. Annual thermographic scan of all electrical components in the station is completed.*

Figure 12 – Station Transformer Maintenance



3.6. ENGINEERING AND DESIGN

The Engineering and Design program includes costs associated with Distribution Design, System Operations, Asset Planning, Policies, Procedures, and Standards. Over 80% of the costs are labour costs, with the remaining 20% being mostly technology costs related to the Geographic Information System ("GIS") system, SCADA, and the asset management software Copperleaf C55.[43]

Costs were flat through 2019, but are set to increase in 2020 due to technical support requirements for the new SCADA system and growing organizational demand for technical

[43] Please see section 1.8 of Exhibit 2-4-3: Distribution System Plan for more information on these items.

support in maintenance programs and standards. Higher costs in IT license and maintenance contracts, as well as general compensation and benefit increases, are also a factor.

3.7. FACILITIES

The Facilities program costs consist of maintenance and operating costs for Hydro Ottawa's administrative and operations buildings and substations. Such costs include summer and winter civil maintenance, cleaning, waste management, building electrical, mechanical, safety, security, general repair, utilities, and property taxes. Approximately 40% of total program costs are property taxes.

In 2019, Facilities program costs increased by $2.4M, or 34%, primarily on account of the timing overlap in the sale of the utility's old buildings and the occupation of its new ones, in addition to other one-time costs such as moving expenses. This overlap spike is temporary in nature, as reflected in the $2.2M reduction anticipated in 2020.

There is also a reduction in utility costs in 2020 due to the net metered solar arrays at the new facilities, which help offset utility costs. However, these savings will themselves be offset by substation rental charges payable to HONI, as discussed in section 2.3 above.

3.8. FINANCE

The Finance program costs consist primarily of salaries and benefits relating to functions such as accounts receivable and payable, capital asset accounting, banking, audit, budget and accounting support, and financial reporting. Compensation is the main cost driver of the program, however headcount has remained steady over the past four years.

The $0.9M, or 23%, cost reduction in 2019 vs. 2018 is attributable to SLA Reclassification, as explained in section 2.8 above. Many Finance employees provide services to affiliates. Had this reduction not occurred, 2019 Finance costs would have been $3.8M. This latter figure would have nevertheless still represented a cost reduction from 2018 due to the successful execution of various productivity initiatives and an enduring commitment to cost control.

Finance program costs in 2019, 2020, and 2021 include cost-saving impacts relating to the elimination of external support for cheque payment processing. The volume of cheques and reduction in equipment and technology costs have proven that internal payment processing will be less costly.

When excluding the aforementioned SLA reclassification, the CAGR for Finance program costs between 2016 and 2021 is 1%.

3.9. HUMAN RESOURCES & TRAINING

Included in the Human Resource & Training program are costs pertaining to the provision of HR support, talent development, trades-specific training, labour relations legal costs, and payroll administration costs.

Spending has been relatively steady in this program. The drop in 2019 of $0.5M, or 12%, is connected with SLA Reclassifications, as explained in section 2.8 above. All variances are below the materiality threshold.

3.10. INFORMATION MANAGEMENT AND TECHNOLOGY

The Information Management and Technology ("IM&T") program is comprised of compensation and benefits and externally-sourced operating costs to deliver services relating to IT Infrastructure, including Helpdesk Support, Application Support, Data Management, Information Management, IT Security (cybersecurity), and IT Project Planning. As described in Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives, many technology and automation initiatives have been implemented since 2016, which has helped to cascade efficiency savings throughout other programs across Hydro Ottawa.

The $2.4M, or 29%, increase in 2018 vs. 2017 is largely explained by post-go-live activities associated with the Enterprise Resource Planning ("ERP") upgrades and Human Resource Capital (i.e. Workday) system implementation completed at the end of 2017. More specifically, in 2018, following a stabilization period, the incorporation of additional features and modules into the ERP and Workday systems led to further automation of business processes and thus leveraged the previous year's investments.

The $1.4M, or 14% increase in 2020 vs. 2019 is due to a one-time termination fee to cancel the use of certain strands under the dark fibre lease. Beginning in 2022, Hydro Ottawa will no longer lease dark fibre. This will yield annual IM&T operating cost savings of $1.1M (please see section 2.6 for additional details). The one-time termination fee was removed from the 2021 budget. These two reductions explain the budget reduction in 2021.

3.11. METERING

Metering program costs are comprised of the costs of operating and maintaining Hydro Ottawa's meter fleet. Activities include, but are not limited to, testing and inspections, cross readings and investigations, and field retrieval. Compensation is the main cost driver in the program.

Overall program costs have remained fairly stable. However, there were some temporary cost reductions in 2018 and 2019 which were primarily driven by timing differences between employee departures and replacements. None of the variances exceed the materiality threshold. The overall CAGR of the Metering program over the 2016-2021 timeframe is 2.9%.

3.12. REGULATORY AFFAIRS

Included in Regulatory Affairs are compensation and benefits costs related to overseeing the implementation of OEB-approved distribution rates and charges, preparation of distribution rate applications, regulatory and compliance reporting, policy research and analysis, public policy engagement, load forecasting, cost allocation, and rate design. In addition, OEB fees represent approximately 50% of total program costs.

In 2021, there is an increase of $0.7M. This is attributable, in part, to an increase in Regulatory Memberships to reflect the actual costs of updated OEB cost assessments, as the previously-used variance account will no longer apply during the 2021-2025 rate term (see section 2.4 above). In addition, the preparation and adjudication costs associated with this Application will start being expensed in 2021.

Overall, the CAGR for the Regulatory Affairs program over the 2016-2021 timeframe is expected to be 8.1%.

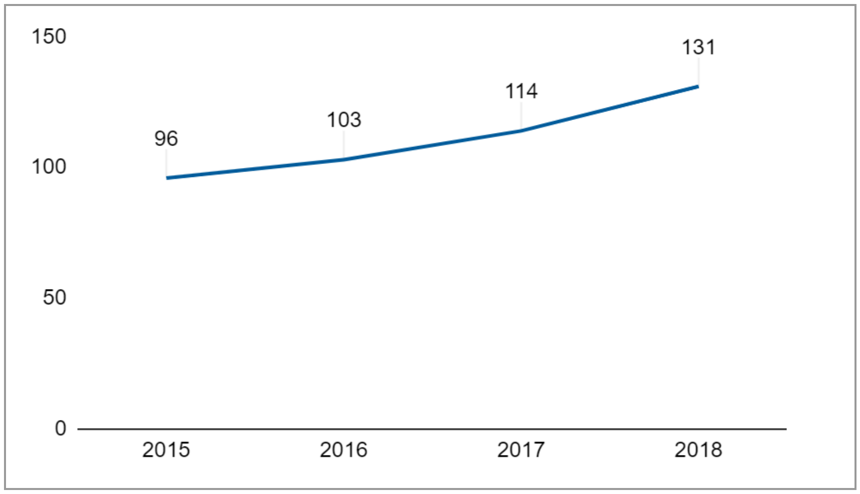
3.13. SAFETY, ENVIRONMENT AND BUSINESS CONTINUITY

Included in the Safety, Environment and Business Continuity program are costs pertaining to Distribution Environmental Programs and Flame Resistant Clothing for employees. Outside services for environmental remediation make up approximately 30% of the annual budget.

The program experienced large increases over the past few years, with a CAGR of 12.7%. This was driven by the following:

- Increased environmental remediation costs due to proactive inspections of assets using infrared scanning. These inspections identify small spills/leaks before they cause greater impacts and potentially affect distribution system reliability. The number of events reported from 2015-2018 increased from 96 to 131. The associated cost increases of $0.4M in 2018 and $0.5M in 2019 are temporary increases and are expected to decrease in 2020 by $0.8M, when Hydro Ottawa's infrared scanning cycle is completed.
- Costs of approximately $1.0M associated with the provision of Flame Resistant Clothing, as outlined in the collective agreement with the IBEW, were previously decentralized under other programs. In 2018, these costs were centralized and moved into this program in order to provide greater management oversight and control, and to assist with the administration of the online ordering system.

Figure 13 – Number of Spills



3.14. SUPPLY CHAIN

Included in the Supply Chain program are costs pertaining to the delivery of procurement and warehouse functions. This is achieved through the administration of procurement policies, procurement of all products and services acquired by the utility, and management of the inventory and equipment used to construct and maintain Hydro Ottawa's distribution assets.

Over the 2016-2021 period, CAGR for this program is expected to be 3.2%. There are no variances above the materiality threshold.

Appendix 2-JB
Recoverable OM&A Cost Driver Table[1,3]

OM&A ($Millions)	Last Rebasing Year (2016 Actuals)	2017 Actuals	2018 Actuals	2019 Bridge Year	2020 Bridge Year	2021 Test Year
Reporting Basis	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS	MIFRS
Opening Balance[2]	$ 83.1	$ 82.6	$ 82.2	$ 86.8	$ 87.5	$ 91.9
Labour Compensation and Benefits		$ (0.2)	$ 3.3	$ 0.6	$ 1.6	$ 2.0
Proactive and Reactive Distribution System Maintenance		$ 0.1	$ 0.5	$ 0.5	$ (0.1)	$ 0.3
Facilities, Insurance, and Fuel		$ 0.1	$ 0.3	$ 2.9	$ (1.5)	$ 0.2
OEB Fees and CDM Allocation		$ (0.1)	$ -	$ 0.2	$ 0.2	$ 0.7
Contact Center, Postage, Bad Debt		$ 0.3	$ (1.0)	$ (0.7)	$ 0.8	$ -
Dark Fiber fees		$ (0.1)	$ -	$ 0.3	$ 0.9	$ (1.7)
Technology		$ 0.8	$ 0.4	$ 0.5	$ 1.3	$ 0.9
SLA Cost Reclassification		$ -	$ -	$ (3.7)	$ (0.2)	$ (0.1)
Others	$ (0.5)	$ (1.3)	$ 1.1	$ 0.1	$ 1.4	$ (0.3)
Closing Balance[2]	$ 82.6	$ 82.2	$ 86.8	$ 87.5	$ 91.9	$ 93.9

Notes:

1. For each year, a detailed explanation for each cost driver and associated amount is requied in Exhibit 4.
2. Opening Balance for "Last Rebasing Year" (cell B15) should be equal to the OEB-Approved amount. For purposes of assessing incremental cost drivers, the closing balance for each year becomes the opening balance for the next year.
3. If it has been more than four years since the applicant last filed a cost of service application, additional years of historical actuals should be incorporated into the table, as necessary, to go back to the last cost of service application. If the applicant last filed a cost of service application less than four years ago, a minimum of three years of actual information is required.

WORKFORCE STAFFING AND COMPENSATION

1. INTRODUCTION

This Schedule, in tandem with Attachments A through E, provides detailed information on Hydro Ottawa's strategies and approach to ensuring operational capacity and capability to safely and efficiently:

- maintain and enhance the reliability of the electricity distribution system;
- execute its comprehensive asset management plan and planned infrastructure renewal;
- respond to increasing legislative and regulatory requirements;
- address customer growth and nurture an evolving customer relationship;
- continue to manage the effects of its aging workforce; and
- leverage technological advancements, and an ever-changing business landscape.

2. WORKFORCE PLANNING AND STAFFING

In its 2016-2020 Custom Incentive Rate-Setting application, Hydro Ottawa outlined how it would attract and retain a highly skilled, properly trained, and knowledgeable workforce.[1] More specifically, Hydro Ottawa reviewed the need to replenish its trades workforce and the proactive strategies it would employ to mitigate the ongoing risk of an insufficient talent pipeline. By leveraging workforce planning, integrated within its Talent Management Framework, Hydro Ottawa's workforce modeling forecasted that over the 2015-2020 period there would be a requirement for 65 trades hires.[2] The actual hiring from 2015-2019, alongside planned hiring for 2020, will result in exactly 65 trades hires over this period.

As outlined in Attachment 4-1-5(B): Workforce Planning Strategy, as Hydro Ottawa moves from 2021 to 2025, its workforce planning is focused on sustaining rather than replenishing its trades

[1] Hydro Ottawa Limited, *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application*, EB-2015-0004 (April 29, 2015).

[2] Workforce modeling is primarily used at Hydro Ottawa to forecast the supply of labour in relation to operational demand for resourcing.

workforce, replacing mid-level experienced front-line supervisors/managers and responding to the changing skill sets required in light of the technological innovations and digital transformation in the electricity sector.

Through its workforce modeling, Hydro Ottawa continues to identify gaps in its trades workforce for the 2021-2025 period. However, these projections are substantially less than those of the 2015-2020 period. This is, generally, as a result of demographics, access to contracted services, and a focus on more efficient and innovative ways of working. Of significance during this period will be the focus on replenishing the Hydro Ottawa people leader pipeline due to retirements, through succession planning, strategic external hiring, and leadership and management initiatives. Furthermore, during this time, the emphasis on the demand for new skill sets – and in some cases the creation of entirely new roles as a result of technological innovations and digital transformation – will require diverse responses in the form of training, hiring, and contracting for those skill sets.

To ensure that planned apprenticeship investments and hiring remain prudent, and to limit overall headcount increases within the organization from 2021-2025, Hydro Ottawa continues to base forecasted hiring on the following principles:

- Increase overall productivity to ensure greater availability of productive time, while also establishing initiatives to gain efficiencies that increase the quality of the time worked;
- Hire apprentices and fill other positions by using vacancies as they become available, including the redistribution of vacancies from support functions to the trades;
- Where available in the labour market, attract and hire journeypersons to fill vacancies, with the aim of reducing the overall required training investment in apprenticeships and leverage qualified resources with a shorter lead time to achieve maximum productivity;
- Balance hiring with the appropriate use of overtime to supplement labour gaps, and continue to leverage contracted services where cost-effective and available to meet demand; and

- Increase the efficiency of work through innovative practices and the introduction of new technologies and automation.

3. MAINTAINING A SAFE WORK ENVIRONMENT

As outlined in Attachment 4-1-5(D): Health, Safety and Environment Compliance and Sustainability, Hydro Ottawa has adopted a best practice, continual improvement approach in relation to the following: (i) meeting legislative and regulatory requirements in the areas of health, safety, and environment; and (ii) maintaining standards of performance relative to risks associated with its ongoing business activities. Since 2008, Hydro Ottawa has successfully maintained registration of its integrated health, safety, and environmental management system to the International Organization for Standardization ("ISO") 14001 and the Occupational Health and Safety Assessment Series ("OHSAS") 18001. The Occupational Health, Safety and Environmental ("OHSE") management system has been updated to meet the requirements of the new ISO environmental standard in 2018, and preparations are underway to transition from the current OHSAS 18001 health and safety specifications to the new ISO 45001 health and safety standard in 2020.

With its younger workforce, as described in Attachment 4-1-5(B): Workforce Planning Strategy, Hydro Ottawa has increased the number of safety inspections, jobsite coaching, pre-construction meetings, and independent reviews of work in recent years, in order to mitigate safety risks.

Additionally, Hydro Ottawa ensures robust due diligence in relation to contractor safety and performance through a partnership with a contractor management firm, which carries out comprehensive and more cost-effective contractor pre-qualification and compliance monitoring.

4. COMPENSATION AND HEADCOUNT

Hydro Ottawa's compensation philosophy and associated compensation components are premised on attracting and retaining a highly skilled workforce and on supporting a performance-driven work culture. This is achieved by appropriately and fairly rewarding performance in the achievement of the objectives identified in the utility's Strategic Direction, and in accordance with position competencies and the organization's values, while at the same time controlling total compensation costs. More details on Hydro Ottawa's approach to total compensation – including salaries, incentive-based pay for senior employees only, insured benefit plans, pension plan, premiums and allowances – are outlined in Attachment 4-1-5(A): Employee Compensation Strategy, as well as in Attachment 4-1-5(E): Actuarial Report regarding the utility's limited future benefit costs.

As provided in Attachment 1-1-12(G): Compensation Benchmarking Study, Hydro Ottawa engaged Mercer Canada to conduct a benchmarking study of its total compensation, including salaries, target total cash compensation, and benefit and pension contributions against both general and industry (utility) market comparators, where available. Jobs that are core to the operational business and key professional jobs were all found to be very well aligned with the market comparators. Some positions, generally unionized support roles, were found to be comparable to the utility market comparators although higher than the general industry market comparators.

The study also found that Hydro Ottawa's employer paid benefits, which include insurance and wellness benefits and pension contributions, are generally aligned with what is typically seen in the market – and more specifically, in the Ontario Public Sector.

Since 2016, Hydro Ottawa's total number of permanent full-time equivalents ("FTEs") has remained relatively static, with the same forecasted to 2021. Management permanent FTEs are decreasing and non-management permanent FTEs are slightly increasing. This has been realized while simultaneously replenishing and continuing to sustain the trades workforce, by using vacancies as they become available and focusing on productivity and efficiency and effectiveness of operations.

Hydro Ottawa has been increasing its usage of a temporary workforce, which provides it with more flexibility to address seasonal and other workloads, and can be more easily adjusted upwards or downwards, as required. Hydro Ottaway's forecast to 2021 continues this approach, allowing the utility to contain compensation costs.

As a result of prudently managing FTEs and compensation costs, Hydro Ottawa's actual and forecasted annual average increase to total compensation is 2.8% from 2016-2021.

Attachment 4-1-5(C): OEB Appendix 2-K - Employee Costs summarizes Hydro Ottawa's historical and forecasted FTEs and compensation costs, and indicates the following:

- Between 2016 and 2018, there was a decrease in FTEs. The 2019-2021 forecast shows an initial increase in the total number of FTEs between 2018 and 2019, and then a decrease in the total number of FTEs out to 2021; and
- Total compensation costs are expected to increase on average by 2.8% per annum, from approximately $67.4M in 2016 to $77.6M in 2021.

EMPLOYEE COMPENSATION STRATEGY

1. INTRODUCTION

Hydro Ottawa's compensation philosophy and associated compensation components are premised on attracting and retaining a highly skilled workforce and on supporting a performance-driven work culture. This is achieved by appropriately and fairly rewarding performance in the achievement of the objectives identified in the utility's Strategic Direction, and in accordance with position competencies and the utility's values, while at the same time controlling total compensation costs.

2. TOTAL COMPENSATION

Hydro Ottawa's approach to total compensation aligns with the utility's compensation philosophy and consists of the following major components which reinforce the total value proposition: salaries, incentive-based pay for senior employees only, insured benefit plans, pension plan, premiums, and allowances.

2.1. COMPENSATION BENCHMARKING STUDY

As provided in Attachment 1-1-12(G), Hydro Ottawa engaged Mercer Canada to conduct a benchmarking study of the utility's total compensation, including salaries, target total cash compensation, and benefit and pension contributions against both general and industry (utility) market comparators, where available. Competitiveness of salaries and target total cash compensation was defined as being within +/- 10% of P50 of each market comparator.[1]

The study reviewed 15 jobs, including those core to the business, as well as technical, professional, and para-professional roles that support the business. The jobs included in the study are representative of both categories of positions/employees (management and non-management), which are further defined in section 3 below. Five management jobs and 10 non-management jobs at different levels of each category were reviewed.

[1] "P50" refers to the market median job rate.

The jobs that are core to the operational business (e.g. Manager, Distribution Operations; Supervisor, Distribution Operations; Professional Engineer; and the trades jobs of Power Line Technician and System Operator) were all found to be very well aligned with the utility market comparators. In the case of the Professional Engineer job, there was also alignment with the general industry market comparators.

Some jobs, generally unionized support roles, were found to be higher than the general industry market comparators, but in most cases within +/-10% of P50 of the utility market comparators.

Key professional roles such as Senior Procurement Agents, Management Accountants, and Network Administrators were also found to be very well aligned with both the utility and general industry market comparators.

With respect to employer paid benefits, which include insurance and wellness benefits and pension contributions, the study found that these offerings at Hydro Ottawa are generally aligned with what is typically seen in the market for non-executive employees. Specifically, when compared to the Ontario Public Sector, where such benefits account for 20-22% of base salary, Hydro Ottawa's benefits were found to be within 19-21% of base salary.

2.2. MERIT INCREASES

The salary structure for executive, management, and non-union employees consists of various salary scales representing positions of similar scope and responsibility. A formalized point factor system is in place to evaluate positions and determine the salary scale in which they are placed. This ensures internal equity. Salary scales are reviewed every four years to ensure competitiveness.

Employees are paid an annual salary within the salary scale based on education and experience. Annual increases to salaries, within the salary scales, are merit-based and determined by performance and contributions in the previous year. A robust performance management system is in place for this purpose. An overall performance rating is established and a merit increase associated with the rating is provided. Performance and contributions are directly tied to Hydro Ottawa's corporate performance scorecard, ensuring that the focus of this workforce segment is aligned to the advancement of the utility's Strategic Direction.

In determining the appropriate merit increase associated with each performance rating, Hydro Ottawa reviews the national, provincial, and local salary projections of major compensation consulting firms, including those projections for the utility and broader public sectors, as well as consumer price indices.

2.3. INCENTIVE-BASED PAY

Since 2008, only senior management employees have been eligible for an annual incentive-based pay as a component of their total cash compensation, which is expressed as a percentage of annual salary. These employees have a direct line-of-sight to the success of the utility's Strategic Direction. On average, 39 employees are eligible for incentive-based pay in any given year.

Incentive-based pay is derived from the achievement of corporate, divisional, and individual priorities in the previous year, both financial and non-financial, and qualitative and quantitative. These priorities are established each year and approved by the Board of Directors. Non-financial priorities are designed to achieve continuous improvement in relation to Hydro Ottawa's Strategic Direction. They include a number of strategic objectives focused on customer service, operational and organizational efficiency and effectiveness, and service reliability.

Table 1 below demonstrates the variability in this component of total cash compensation as it relates to the achievement of priorities.

Table 1 – Average Annual Incentive-Based Pay

	2016 Historical	2017 Historical	2018 Historical	3-Year Average
Number of Employees	39	38	41	39
Average Amount	$15,220	$17,139	$15,897	$16,085

2.4. COLLECTIVE AGREEMENT

The International Brotherhood of Electrical Workers ("IBEW"), Local 636 represents Hydro Ottawa's unionized employees. This includes the company's trades, technical, clerical, and administrative employees.

The current collective agreement is in effect from April 1, 2017 until March 31, 2021. The collective agreement provides for negotiated wage increases and employee step progressions. Negotiated wage increases are 2.0% for 2017, 2.10% for 2018, 2.10% for 2019, and 2.2% for 2020. The wage increases are on average 22% lower than the increases from the previous four-year collective agreement. Nominal increases to certain premiums and allowances were also negotiated, and spread-out over the collective agreement's four-year term.

A number of labour efficiencies were achieved during this most recent round of collective bargaining, with some directly and indirectly related to total compensation. These include the expansion of normal hours of operation, reduction in hours of rest time when employees work overnight, and a simplified process for the re-assignment of employees to a different work location for training purposes.

2.5. PENSION PLAN

Hydro Ottawa employees are part of the Ontario Municipal Employees Retirement System ("OMERS"), a multi-employer, contributory, defined-benefit pension plan established by the Province for employees of municipalities, local boards, and school boards in Ontario. Pension benefits are determined by a formula based on the highest consecutive five-year average of contributory earnings and years of service. Both participating employers and participating employees are required to make equal contributions to the plan based on the participating employees' contributory earnings.

Employers and employees that are members of the OMERS pension plan contribute a lesser percentage on earnings received up to the annual Yearly Maximum Pensionable Earnings ("YMPE"), and a higher percentage on earnings above the YMPE. The YMPE is equal to the Canada Pension Plan ("CPP") earnings limit, as the OMERS pension plan is designed to work together with the CPP to provide a stable retirement income.

Table 2 below summarizes Hydro Ottawa's historical and forecasted contribution rates to OMERS from 2016-2021.

Table 2 – OMERS Contribution Rates (2016-2021)

	YMPE	Below YMPE	Above YMPE
2016 Historical	$54,900	9.0%	14.6%
2017 Historical	$55,300	9.0%	14.6%
2018 Historical	$55,900	9.0%	14.6%
2019 Bridge	$57,400	9.0%	14.6%
2020 Bridge	$60,100	9.0%	14.6%
2021 Test	$60,900	9.0%	14.6%

In an effort to reduce the funding deficit after the 2008 global economic downturn, OMERS contribution rates increased for both the employer and employee portions in 2012 and 2013. Due to better returns in 2013, contribution rates remained unchanged from 2014-2019. OMERS has recently confirmed that there will be no changes to the contribution rates for 2020. Hydro Ottawa has also forecasted no change in contribution rates for 2021. By 2022, OMERS contribution rates will have remained static for eight years.

For 2022 onwards, Hydro Ottawa, with the assistance of actuaries from Mercer Canada, has forecasted a 0.65% contribution rate increase, both below and above the annual YMPE, for both the employer and employee portions. This forecast is based on the OMERS Sponsors Corporation's Funding Management Strategy and the plan's funded ratios, as of December 31, 2018.

2.6. INSURED BENEFITS

Hydro Ottawa's insured benefit plans provide employees with income security and protection from catastrophic and life events. Insured benefits coverage is provided to active full-time employees in the following areas:

- Health, including vision care, prescription drugs, and paramedical services;
- Dental, including major dental and orthodontics services;
- Long-term disability benefits;
- Short-term disability benefits; and
- Life insurance.

As part of the most recent round of collective bargaining in 2017, no changes were made to the provisions of the insured benefit plans for the four-year term of the collective agreement. As a result, all provisions of the insured benefit plans have remained static for all employee groups during this time period.

Hydro Ottawa continues to benefit from its current cost containment measures such as reasonable and customary limitations and generic substitution. Most recently, a drug risk management program was introduced whereby new or existing drugs with new treatment indications are reviewed by the benefit plan insurer to ensure appropriateness.

For 2020 onwards, Hydro Ottawa has forecasted increases in benefit costs by using the 2019 benefit costs as a base and applying assumptions regarding anticipated rate increases by benefit. These assumptions are based on Mercer's 2019 Anticipated Benefit Costs report (dated

October 2018) and the expected salary increase as per the current collective agreement with the IBEW.

2.7. POST-RETIREMENT BENEFITS

Hydro Ottawa's post-retirement benefits consist of life insurance and a small retirement grant for eligible employees primarily linked to positive attendance at work.

Hydro Ottawa completes a full actuarial valuation of the future value of the post-retirement benefits every three years, which is consistent with industry standards. In the interim years, an extrapolation is completed to determine if there has been a material change from the previous year.

The most recent actuarial valuation was performed as at December 31, 2016, with an actuarial extrapolation performed as at December 31, 2018 by Eckler Consultants & Actuaries.[2] The valuation determined that the accrued post-retirement life insurance obligation decreased from 2017-2018, which is primarily attributable to an increase in the discount rate used in 2018. The accrued retirement grant amount decreased from 2017-2018, which is attributable to the retirement of employees in 2017 that were paid their retirement grant, thereby reducing the utility's future obligations.

Hydro Ottawa has taken steps to contain its future benefit costs by limiting the type, scope, and applicability of post-retirement benefits.

2.8. REGULATORY TREATMENT OF PENSION AND OTHER POST-EMPLOYMENT BENEFITS

On September 14, 2017, the OEB issued its final report on the regulatory treatment of pension and other post-employment benefit ("OPEB") costs establishing the use of accrual accounting as the default method on which to set rates for pension and other post-employment benefit

[2] Please see Attachment 4-1-5(E): Actuarial Report.

amounts in cost-based applications.[3] Moreover, this report also provides for the establishment of a variance account to track the difference between the forecasted accrual amount in rates and actual cash payment(s) made, with an asymmetric carrying charge in favour of ratepayers applied to the differential.

Hydro Ottawa provides pension benefits for its employees through the OMERS Fund (the “Fund”). Although the plan is a defined benefit plan, sufficient information is not available to Hydro Ottawa to account for it as such because it is not possible to attribute the fund assets and liabilities between the various employers who contribute to the Fund. As a result, Hydro Ottawa accounts for the plan as a defined contribution plan, and contributions payable as a result of employee service are expensed as incurred similar to short-term employee benefits.

Hydro Ottawa also provides other post-employment benefits such as life insurance and a retirement grant. These plans provide benefits to certain employees when they are no longer providing active service. Other post-employment benefits are recorded on an accrual basis. The accrued benefit obligation and current service costs are calculated using the projected benefit method prorated on service and based on assumptions that reflect Hydro Ottawa’s best estimates. Hydro Ottawa tracks the difference between the forecast accrual amount in rates and actual cash payments in a variance account as set out in the OEB report.

Table 3 outlines Hydro Ottawa’s 2016-2021 Pension and OPEB amounts.

[3] Ontario Energy Board, *Report of the Board: Regulatory Treatment of Pension and Other Post-Employment Benefits (OPEBs) Costs*, EB-2015-0040 (September 14, 2007).

Table 3 - Pension and OPEB Amounts ($’000s)

Pension and OPEB	Historical			Bridge		Test
	2016	2017	2018	2019	2020	2021
Pension cost[4]	$5,389	$5,530	$5,741	$6,136	$6,168	$6,355
Future employee benefits cost[5]	$2,240	$832	$736	$786	$800	$816
Cash paid[6]	$593	$634	$649	n/a	n/a	n/a

3. HEADCOUNT

Hydro Ottawa has categorized employees/positions into two groups in calculating the total full-time equivalents (“FTE”). These groups are comprised of full-time permanent equivalents and temporary equivalents (which can be full-time or part-time), defined as follows:[7]

- Management – includes executives, directors, managers, supervisors, and senior professionals such as professional engineers.
- Non-Management – includes non-unionized professionals, such as engineers-in-training and executive assistants, and all employees who are represented by the IBEW.

The tables below summarize Hydro Ottawa’s actual FTEs for 2016, 2017, and 2018, along with the forecasted FTEs for 2019, 2020 and 2021. Hydro Ottawa’s FTE count is determined using

[4] As noted above, pension contributions are expensed as incurred. With respect to the pension cost that is capitalized, this along with other employee benefits as described in this Schedule, are included on the capitalized labour line in Attachment 2-4-5(A): OEB Appendix 2-D - Overhead Expense. Hydro Ottawa uses a blended labour rate and burden rates to do this allocation and therefore does not track each type of compensation-related expense charged to capital separately. The other capitalized OM&A amounts (Supply Chain, Supervisor, Engineering and Fleet) also include compensation, and as such, pension costs are also included on these lines.

[5] As described above, Hydro Ottawa’s other post-employment benefits are limited to life insurance and a retirement grant. The amount shown in Table 3 is the expense amount included in OM&A. Note that these costs are not included in the capitalized OM&A amounts discussed above, and therefore none of these amounts are capitalized. Although, not considering post-retirement, the non-vested sick leave as described in Exhibit 4-1-4: Operations, Maintenance and Administration Cost Drivers and Program Variance Analysis is also grouped in this analysis.

[6] This represents the cash payments for other post-employment benefits as included on Hydro Ottawa’s tax returns.

[7] Summer students and co-op students are not included, as these short-term hires are viewed as developmental in nature.

standard methodology. For the 2016-2018 actuals, FTE is a calculated value derived from the total regular hours paid each year divided by the regular hours of work scheduled each year by a single employee in that group. For the 2019-2021 forecasts, FTE is calculated as all budgeted positions, adjusted for part-year budgeting for new positions.

3.1. FULL-TIME PERMANENT EQUIVALENTS

Table 4 below illustrates Hydro Ottawa's forecasted plan to stabilize its total number of permanent full-time employees/positions.

Table 4 – Number of Full-Time Permanent Equivalents

	2016 Historical	2017 Historical	2018 Historical	2019 Bridge	2020 Bridge	2021 Test
Management	122.6	124.4	118.7	116.2	118.1	118.9
Non-Management	464.2	461.7	460.6	470.4	467.5	468.3
TOTAL	**586.8**	**586.1**	**579.3**	**586.6**	**585.6**	**587.2**

Since 2016, Hydro Ottawa's total number of permanent FTEs has remained relatively static with the same forecasted to 2021. Management permanent FTEs are decreasing and non-management permanent FTEs are slightly increasing. This has been realized while at the same time replenishing and continuing to sustain the trades workforce in accordance with Hydro Ottawa's Workforce Planning Strategy (which is appended to this Application as Attachment 4-1-5(B)). This has entailed using vacancies as they become available and focusing on productivity and efficiency and effectiveness of operations.

3.2. TEMPORARY EQUIVALENTS

Table 5 summarizes the number of actual and forecasted temporary equivalents from 2016-2021, which includes both temporary full-time and part-time employees. Hydro Ottawa has been increasing its usage of a temporary workforce, which provides the utility with more flexibility to address seasonal and other workloads, and can be more easily adjusted upwards or downwards as required. Hydro Ottawa's 2019, 2020 and 2021 forecast continues this approach, allowing the utility to contain compensation costs.

Table 5 – Number of Temporary Equivalents (Full-Time or Part-Time)

	2016 Historical	2017 Historical	2018 Historical	2019 Bridge	2020 Bridge	2021 Test
Management	1.2	1.9	1.4	3.6	5.5	3.0
Non-Management	17.7	15	18	35.0	31.4	25.4
TOTAL	**18.9**	**16.9**	**19.4**	**38.6**	**36.9**	**28.4**

3.3. FULL-TIME PERMANENT AND TEMPORARY EQUIVALENTS

Table 6 provides the total number of actual and forecasted permanent and temporary FTEs, and demonstrates Hydro Ottawa's approach to continuing to manage its workforce and compensation costs prudently.

Table 6 – Number of Full-Time Equivalents (Permanent and Temporary)

	2016 Historical	2017 Historical	2018 Historical	2019 Bridge	2020 Bridge	2021 Test
Management	123.8	126.3	120.1	119.8	123.6	121.9
Non-Management	481.9	476.7	478.6	505.4	498.9	493.7
TOTAL	**605.7**	**603.0**	**598.7**	**625.2**	**622.5**	**615.6**

Between 2016 and 2018, there was a decrease in the total number of FTEs predominantly as a result of a decrease in management FTEs. The 2019-2021 forecast shows an initial increase in the total number of FTEs between 2018 and 2019, attributable mainly to an increase in the usage of temporary employees as well as a slight increase in permanent non-management FTEs. The total number of FTEs then decreases out to 2021.

4. TOTAL COMPENSATION

Table 7 summarizes Hydro Ottawa's historical and forecasted total compensation including salary, wages, and benefits from 2016-2021. Hydro Ottawa's approach to prudently managing FTEs and compensation costs, as outlined throughout this Attachment, has resulted in an actual and forecasted annual average increase to total compensation of 2.8% from 2016-2021.

Table 7 – Total Compensation (Salary, Wages, & Benefits)[8]

	2016 Historical	2017 Historical	2018 Historical	2019 Bridge	2020 Bridge	2021 Test
Management	$17,665,972	$18,043,105	$17,726,238	$17,017,160	$18,287,415	$18,623,000
Non-Management	$49,753,411	$51,285,615	$53,620,146	$56,282,382	$57,262,789	$58,950,460
TOTAL	**$67,419,383**	**$69,328,720**	**$71,346,384**	**$73,299,542**	**$75,550,204**	**$77,573,460**

4.1. 2016-2018 ACTUALS

The total compensation increase from 2016-2018 is largely due to step increases and annual negotiated salary increases for unionized employees and annual merit increases for non-union employees. It is also attributable to an increase in overtime costs in 2018, in connection with restoration activities following an ice storm in April, a wind storm in May, and tornadoes, high winds, and thunderstorms in September – all of which caused significant damage to the electricity grid. As noted in Table 4, given the decrease in management FTEs during this period, compensation for that group also decreased.

4.2. 2019-2021 FORECAST

Hydro Ottawa's total compensation forecast for 2019-2021 shows an average annual increase of 2.8% over the three-year period. This trending is primarily based on the step increases and annual negotiated salary increases for unionized employees, together with the annual merit increase for management and non-union employees, as well as the forecasted increase in

[8] Hydro Ottawa has completed OEB Appendix 2-K - Employee Costs, which is included in this Application as Attachment 4-1-5(C).

benefit costs. Total compensation costs have additionally been contained by the forecast of an overall flat number of permanent FTEs to 2021, supplemented by temporary FTEs, as required.

WORKFORCE PLANNING STRATEGY

1. INTRODUCTION

Utilities across Canada continue to face challenges in replacing and renewing their aging workforces to ensure operational capacity and continuity. Hydro Ottawa has been diligent in establishing strategic workforce planning as part of its annual corporate planning and budgeting processes, and as an ongoing business consideration to ensure it has a sustainable and prepared workforce in light of a rapidly transforming environment.

In its 2016-2020 Custom Incentive Rate-Setting application, Hydro Ottawa reviewed how it would be addressing the need to attract and retain a highly skilled, properly trained, and knowledgeable workforce to maintain and enhance the reliability of the electricity distribution system, to execute its comprehensive asset management plan, and to respond to increasing legislative and regulatory requirements, all while addressing customer growth and an evolving customer relationship.[1] Proactive strategies to close talent supply gaps, particularly the need to replenish its trades workforce, were outlined in relation to relevant environmental drivers such as the effects of its aging workforce, planned infrastructure renewal, anticipated technological advancements, and an ever-changing business landscape.

As Hydro Ottawa moves from 2021 to 2025, its workforce planning is focused on sustaining rather than replenishing its trades workforce, replacing mid-level experienced front-line supervisors/managers, and responding to the changing skill sets required in light of the technological innovations and digital transformation in the electricity sector.

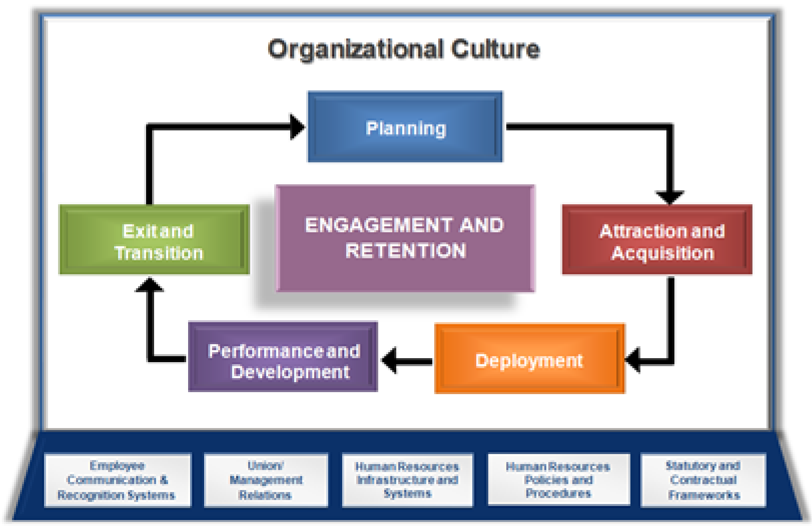
2. TALENT MANAGEMENT FRAMEWORK

Hydro Ottawa has leveraged workforce planning, integrated within its Talent Management Framework, to enable business execution and mitigate the ongoing risk of an insufficient talent

[1] Hydro Ottawa Limited, *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application*, EB-2015-0004 (April 29, 2015).

pipeline of skilled, prepared, and knowledgeable workers. The Talent Management Framework illustrated in Figure 1 provides a comprehensive and integrated human resources management model upon which priorities and initiatives are aligned. The Talent Management Framework centres around five key components of the employee experience in order to build performance and realize potential throughout the talent lifecycle: planning, attraction and acquisition, deployment, performance and development, and exit and transition. The Talent Management Framework is supported by systems that act as a strong foundation for enabling mechanisms.

Figure 1 – Talent Management Framework



Priorities and initiatives under the Talent Management Framework are informed through strategic workforce planning, which assesses changes in workforce demographics and environmental conditions, and responds with talent management approaches. The aim is to ensure operational capacity and continuity by supplying the right talent with the right skills, within the right structure, at the right time. The need to drive innovation, increase productivity, and enhance the customer experience has also been integrated into how Hydro Ottawa approaches workforce planning. To this end, workforce planning plays a role in containing costs, creating efficiencies, and in generating added value for customers. Hydro Ottawa has focused its workforce planning into three areas, as follows:

- Workforce Demographics
- Workforce Modeling
- Talent Strategies to Sustain and Prepare the Workforce

3. WORKFORCE DEMOGRAPHICS

Workforce demographic assessments are a key element in Hydro Ottawa's workforce planning approach. Monitoring and planning for retirements, in particular, is critical to ensuring the utility's continued ability to deliver on its core business objectives with a highly skilled, properly trained, and knowledgeable workforce.

3.1. CHANGING WORKFORCE

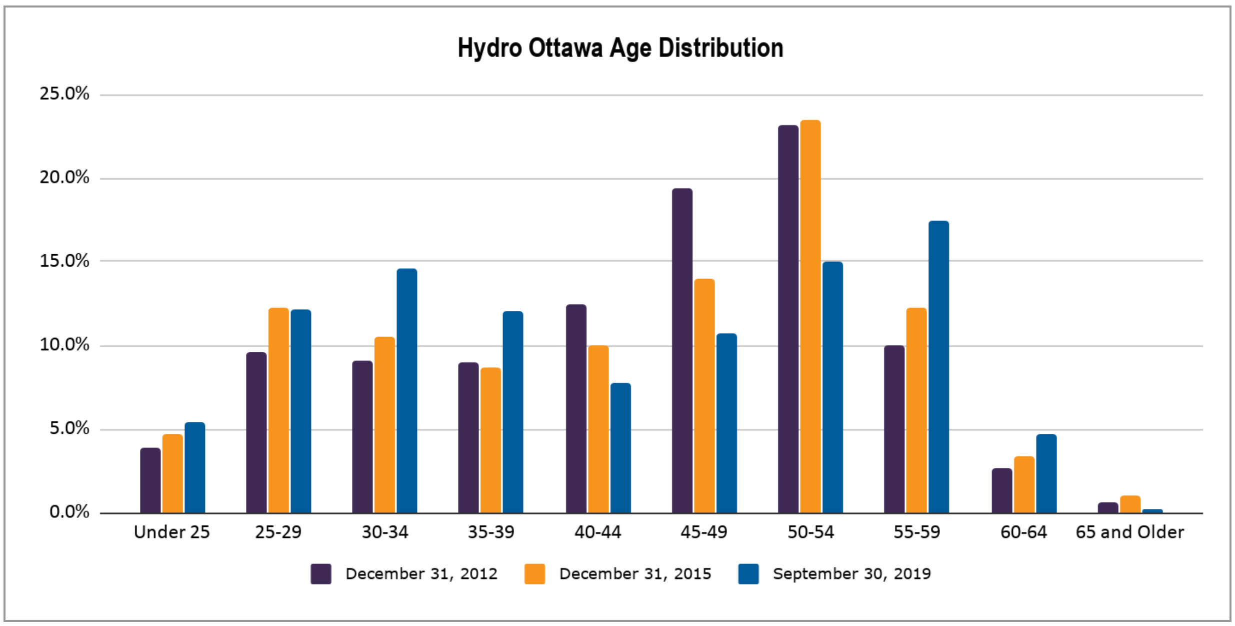
As outlined in Electricity Human Resources Canada's *Workforce in Motion: Labour Market Intelligence Study, 2017-2022* ("2017-2022 LMI Study"), the age distribution of the electricity sector workforce has changed since the previous 2011 study, with a smaller proportion of the workforce 55 and older.[2] However, the overall workforce in the sector tends to be slightly older than the general workforce and this is not anticipated to change as voluntary termination and retirement rates are at approximately 2%, with no expectation of change over the coming years. In turn, this has the effect of a lower representation of workers under 25 in the electricity sector compared to the general workforce.

The age distribution of Hydro Ottawa's workforce, as depicted in Figure 2, is somewhat aligned to the industry yet unique in other areas. The utility's workforce is slightly younger than it has been in recent years, attributable mostly to the increased hiring of trades apprentices and engineering graduates. For example, employees under the age of 30 represent 17.6% of the

[2] Electricity Human Resources Canada, *Workforce in Motion: Labour Market Intelligence Study, 2017-2022* (August 2017).

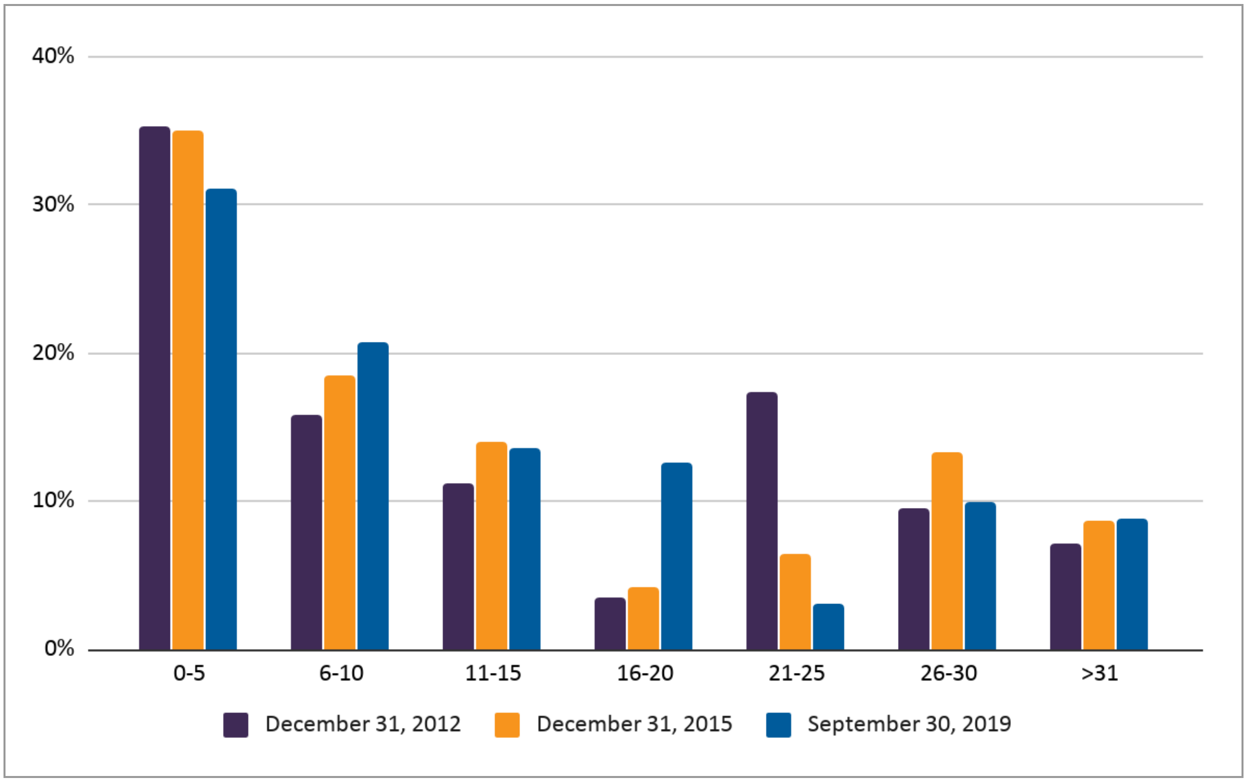
workforce – an increase from 17% in 2015 and 13.6% in 2012. Employees under the age of 40 represent 44.2% of the workforce – an increase from 36.1% in 2015 and 31.6% in 2012. At the same time, Hydro Ottawa employees over the age of 55 represent a larger proportion of its workforce at 22.3% – up from 16.6% in 2015 and 13.3% in 2012. The declining age group in the utility's workforce are those at mid-career in the 40-54 age group at 33.5% – down from 47.4% in 2015 and 55% in 2012, with the largest declines in the 45-49 and 50-54 age groups.

Figure 2 – Employee Age Distribution



Hydro Ottawa employees' average years of service has remained relatively consistent at 13 years. As depicted in Figure 3, over 50% of the workforce has 10 years or less of service, with those in the 16-20 years of service having increased to 12.6% from 4.2% in 2015 and 3.5% in 2012. Those with more than 20 years of service have decreased to 22% from 28.4% in 2015 and 34.1% in 2012.

Figure 3 – Distribution of Employees' Years of Service



3.2. ANTICIPATED RETIREMENT ATTRITION

In 2014, Hydro Ottawa began to experience a predicted increase in retirements that was expected to continue into the next 10 years, as employees elected to retire from the organization at their earliest unreduced eligibility date. For the last five years, Hydro Ottawa's average annual retirement attrition rate has been 3.0%, which is higher than the previous five years' (2009-2013) rate of 1.9%. Additionally, for the same periods, Hydro Ottawa's average annual resignation rate was 3.4% and 1.7%, respectively. Whether combined or on their own, Hydro Ottawa's attrition rates for the last five years are much higher than the industry average of 2%, as identified in Electricity Human Resources Canada's 2017-2022 LMI Study.

Although forecasted retirement eligibility over the next 10 years remains considerable at 34% of the workforce (of which 60% are skilled workers in trades or technical professions), it has steadily declined from its peak of 42% in 2013. Similarly, over the next 10 years, 35% of Hydro Ottawa's trades and technical workforce is forecasted to retire. This also marks a steady decrease from a peak of 47% in 2012 and 2013. The number of eligible retirements for all employees is represented in Figure 4; the eligible retirements in the trades and technical workforce is represented in Figure 5.

Figure 4 – Eligible Retirements Forecast to 2028: All Employees

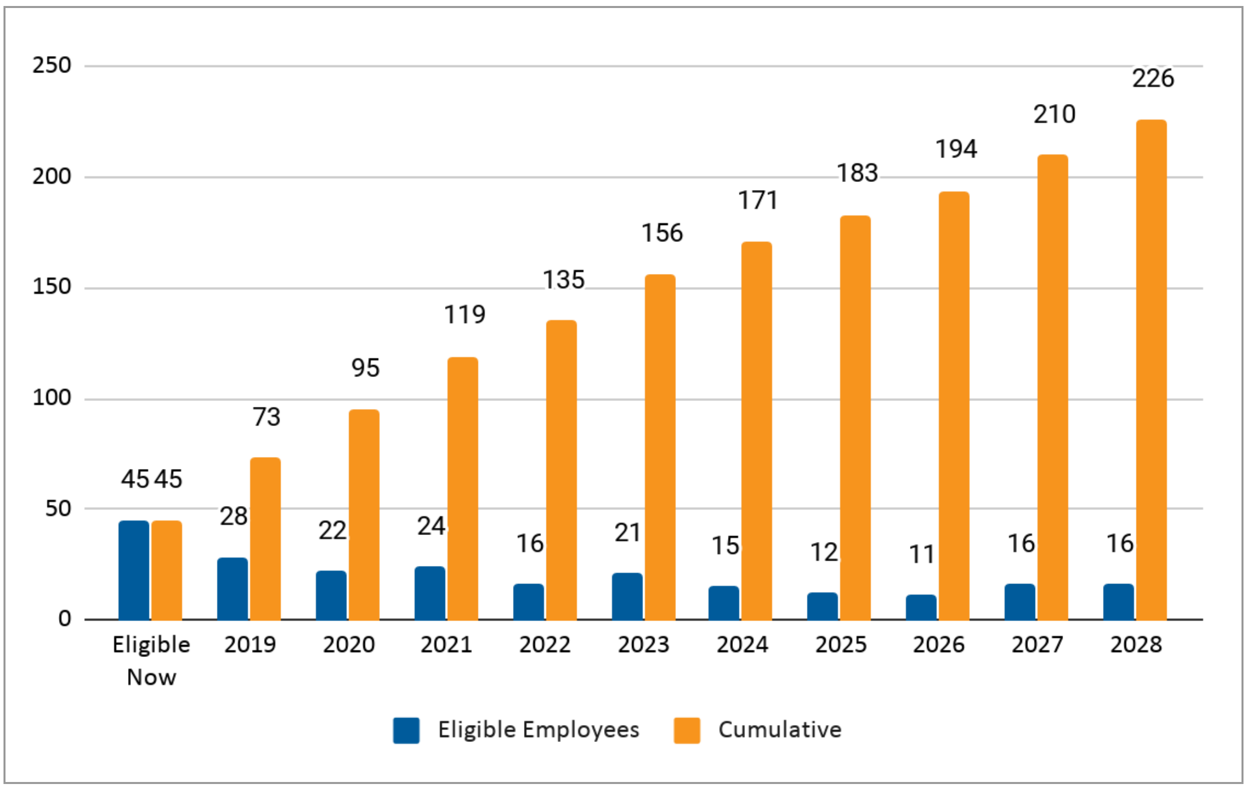
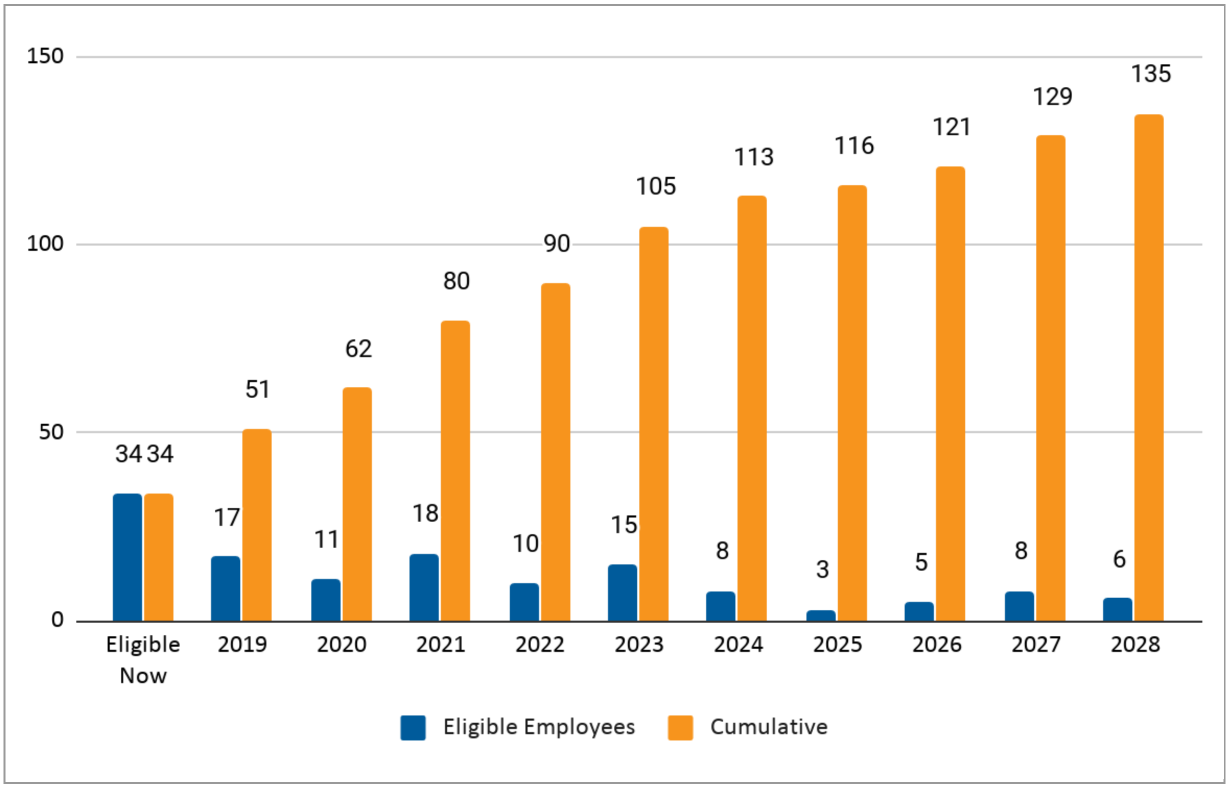


Figure 5 – Eligible Retirements Forecast to 2028: Trades and Technical Employees



While this extent of employee departures is in and of itself significant, the loss of experience that it represents continues to be sizable. Over the next 10 years, Hydro Ottawa projects the potential loss of approximately 6,077 years of experience from the organization as a result of retirements, including approximately 5,145 years of trades and technical experience. With almost one-third of the existing workforce population having five years or less of service and with the projected retirement of employees, the workforce at Hydro Ottawa is increasingly less experienced in what is a highly complex and safety focused business operating environment. As a result, given that over one-third of the existing trades and technical talent within the organization (35%) will have reached retirement eligibility within 10 years, it is critical that Hydro Ottawa proactively forecast talent demands and anticipate supply gaps early – particularly for positions that require a longer lead time to reach full competency, such as those filled through apprenticeship and internship programs.

4. WORKFORCE MODELING

As a key component of workforce planning, workforce modeling is primarily used at Hydro Ottawa to forecast the supply of labour in relation to operational demand for resourcing. The objective of workforce modeling is to anticipate gaps and inform proactive strategies to address the gaps. The modeling approach provides insight across work segments to identify potential supply gaps based on a number of variables. These variables are validated annually to adjust, as required, projected hiring and talent strategies in response to Hydro Ottawa's internal and external environments. The utility's workforce modeling serves to identify the optimal combination of internal resources, overtime utilization, and contracted services for the delivery of services and programs.

Hydro Ottawa's workforce modeling is leveraged in the deployment of its Distribution System Plan (Exhibit 2-4-3) and Strategic Asset Management Plan (Attachment 2-4-3(G)), where prudent cost management efforts require managing the renewal and expansion of the utility's distribution system and delivering on daily operating requirements within the resources allocated in capital and operating plans.

4.1. LABOUR DEMAND AND SUPPLY

Hydro Ottawa's workforce modeling is integrated with operational demand to ensure that forecasting optimally aligns with business requirements by considering projected operational labour requirements.

In order to determine labour supply, Hydro Ottawa's workforce modeling considers the following: available number of journeypersons or skilled technical employees in a given profession or trade; retirement eligibility; attrition rates; the apprentice pipeline feeding each trade; and supplementary labour resources that contribute to the work undertaken. The modeling is then adjusted based on productive time.

4.2. RETIREMENT RATE

Based on the actual average of the last three years, Hydro Ottawa's workforce modeling assumes that trades employees will retire at a rate of 75% within two years of reaching retirement eligibility.

4.3. NON-RETIREMENT ATTRITION RATES

As competition for skilled talent due to retirements continues within the electricity sector at large, an annual nominal non-retirement attrition rate due to resignation is factored into the modeling. This rate of 0.2% is based on the actual three-year average non-retirement attrition rate for trades employees.

4.4. INTERNAL MOVEMENTS

Hydro Ottawa continues to foster its internal talent pipeline as demographics shift throughout the business. This results in internal movements of the trades workforce as employees take on leadership roles or grow their professional capacity in another role. As skilled trades workers leverage their expertise, it is important to proactively anticipate the gaps they leave behind. With this in mind, Hydro Ottawa's workforce modeling assumes that 2.9% of the trades workforce will move laterally or as a result of promotion or development opportunity within any year. This is based on the actual three-year average of internal movements by trades employees.

4.5. MODELING OUTPUTS

Based on the above-noted variables, workforce modeling enables Hydro Ottawa to identify its projected gaps in internal labour, and to determine how best to fill these gaps using contracted services, overtime, and/or hiring. Several factors are considered, such as: costs of contracted services or overtime utilization, labour market availability, appropriate ratio of journeypersons to apprentices, legislated and contractual allowances for overtime, and the influence of environmental factors or business considerations that may impact assumptions used to inform modeling.

5. TALENT STRATEGIES TO SUSTAIN AND PREPARE THE WORKFORCE

Hydro Ottawa's workforce planning approach serves to inform the organization's talent management priorities and initiatives, including the design of key programs and strategies that emerge or are adjusted to ensure that talent demands are met and sustained.

5.1. SUSTAINING THE TRADES

Through structured in-house apprenticeship programs, Hydro Ottawa has been revitalizing the trades employee base to ensure a ready supply of trades talent. Hydro Ottawa has five Apprenticeship Programs in the following trades: Power Line Technician, Power Cable Technician, Meter Technician, Station Electrician, and System Operator. The total number of apprentices as of September 30, 2019 was 46, which represents 27% of Hydro Ottawa's trades workforce. The number of apprentices as a proportion of each trade varies from 21% to 31%. Since the introduction of formalized Apprenticeship Programs in 2005, Hydro Ottawa has enabled 91 apprentices to achieve journeyperson status, representing approximately 54% of its existing trades workforce.

With the anticipated number of retirements over the next 10 years (2019-2028), combined with forecasted changes in labour demand as a result of work requirements associated with the asset management plan, municipal infrastructure projects, and organic growth in the customer base, Hydro Ottawa expects to continue investing in apprenticeships as a viable source of talent for the skilled trades. To ensure that planned training investments remain prudent and to limit overall headcount increases within the organization as a whole from 2021-2025 as the trades are sustained, Hydro Ottawa continues to base forecasted hiring on the following principles:

- Increase overall productivity to ensure greater availability of productive time, while also establishing initiatives to gain efficiencies that increase the quality of the time worked.
- Hire apprentices by using vacancies as they become available, including the redistribution of vacancies from support functions to the trades.

- Where available in the labour market, attract and hire journeypersons to fill vacancies, with the aim of reducing the overall required training investment in apprenticeships and leverage qualified resources with a shorter lead time to achieve maximum productivity.
- Balance hiring with the appropriate use of overtime to supplement labour gaps, and continue to leverage contracted services where cost-effective and available to meet demand. These options offer flexibility to Hydro Ottawa in resourcing peak or temporary demands for labour, without unnecessarily inflating the overall workforce complement.
- Increase the efficiency of work through innovative practices and the introduction of new technologies and automation.

5.1.1. Power Line Technician Hiring – 2015-2020

In anticipation of future hiring requirements within the Power Line Technician trade, in 2011 Hydro Ottawa entered into a partnership with Algonquin College to design and deliver a two-year Power Line Technician Diploma Program. Through this Diploma Program, students develop the essential skills and knowledge required to design, plan, construct, and maintain electrical distribution systems through class work and hands-on learning. Algonquin College provides theory-based courses and leads program administration, while Hydro Ottawa delivers safety and core skills instruction in a practical field environment. This program leverages the skills of experienced Hydro Ottawa Power Line Technicians, including those who are being developed for leadership roles and those who are nearing retirement or have retired.

As a result of this strategic educational partnership with Algonquin College, Hydro Ottawa has hired 45 Power Line Technician Diploma Program graduates since 2013, when the first cohort completed the program, as mainly apprentice Power Line Technicians (“PLTs”) and apprentice Power Cable Technicians (“PCTs”). In doing so, Hydro Ottawa avoided the ongoing costs of apprentice recruitment, and was able to significantly reduce the costs of apprenticeship through a shortened vestibule training period. This has enabled safe and early field deployment of apprentices to on-the-job learning in the delivery of capital projects.

Table 1 below depicts the forecasted PLT apprentice and journeyperson hiring for the 2015-2019 period and the actual hiring over the same period. Table 2 further compares the previously forecasted hiring for 2020 and the planned hiring for that trade in 2020.

Table 1 – 2015-2019 Forecasted and Actual PLT Hiring

Power Line Technician	Forecasted	Actual	Difference
Apprentice	24	25	+1
Journeyperson	10	8	-2
TOTAL	**34**	**33**	**-1**

Table 2 – 2020 Forecasted and Planned PLT Hiring

Power Line Technician	Forecasted	Actual	Difference
Apprentice	4	2	-2
Journeyperson	2	0	-2
TOTAL	**6**	**2**	**-4**

The actual hiring in the PLT trade for the 2015-2019 period as well as the planned hiring for 2020 is slightly lower than originally projected in Hydro Ottawa's prior rebasing application by a total of five positions.[3] This is attributable to the shifting of work from the PLT trade to predominantly the PCT trade, driven by the need to re-focus resources from the overhead to the underground distribution system.

5.1.2. Other Trades Hiring – 2015-2020

Table 3 depicts the forecasted and actual hiring for all other trades for the 2015-2019 period. Table 4 further compares the previously forecasted hiring for 2020 and the planned hiring for each trade. Due to the specific nature of these trades, which are not regulated under the *Ontario College of Trades Apprenticeship Act, 2009*, Hydro Ottawa is limited in hiring qualified

[3] Hydro Ottawa Limited, *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application*, EB-2015-0004 (April 29, 2015), Exhibit D-1-7.

journeypersons from the external labour market for these trades. As a result, the utility generally hires apprentices versus a combination of apprentices and journeypersons.

Table 3 – 2015-2019 Forecasted and Actual Hiring in Other Trades

Other Trades	Forecasted	Actual	Difference
Power Cable Technician	4	8	+4
Meter Technician	8	6	-2
Station Electrician	4	7	+3
System Operator	7	6	-1
TOTAL	**23**	**27**	**+4**

Table 4 – 2020 Forecasted and Planned Hiring in Other Trades

Other Trades	Forecasted	Actual	Difference
Power Cable Technician	2	2	-
Meter Technician	0	0	-
Station Electrician	0	0	-
System Operator	0	1	+1
TOTAL	**2**	**3**	**+1**

The actual hiring for the 2015-2019 period, as well as the planned hiring for 2020 for all other trades, is slightly higher than originally projected in Hydro Ottawa's prior rebasing application by a total of five positions.[4] This is mainly in the PCT trade as a result of the shifting of resources from the overhead to the underground distribution system.

5.1.3. Total Trades Hiring – 2015 to 2020

Overall, across all trades, as outlined in Table 5, the projected gaps in internal labour derived from workforce modeling were well aligned to actual hiring, with the annual review of projections allowing for adjustments between trades based on Hydro Ottawa's operational requirements. Workforce modeling projected a requirement for 65 trades hires for the 2015-2020 period.

[4] *Ibid.*

Actual hiring from 2015-2019 and the planned hiring for 2020 resulted in exactly 65 trades hires over this period.

Table 5 – 2015-2020 Forecasted vs. 2016-2019 Actual and 2020 Planned

All Trades	Forecasted	Actual	Planned	Total	Difference
Power Line Technician	40	33	2	35	-5
Power Cable Technician	6	8	2	10	+4
Meter Technician	8	6	0	6	-2
Station Electrician	4	7	0	7	+3
System Operator	7	6	1	7	-
TOTAL	**65**	**60**	**5**	**65**	**-**

5.1.4. Projected Trades Hiring – 2021-2025

Over the 2021-2025 period, Hydro Ottawa will continue to focus on sustaining its trades workforce so as to enable the utility to deliver on its Distribution System Plan (Exhibit 2-4-3) and Strategic Asset Management Plan (Attachment 2-4-3(G)). Gaps in internal labour derived from workforce modeling for the 2021-2025 period are projected to be substantially less than the 2015-2020 period, generally as a result of demographics, access to contracted services, and a focus on more efficient and innovative ways of working. As with the previous period (2015-2020), the annual review of projections will allow for adjustments as required by operational demands. The projected need is more prominent in some trades during the 2021-2025 period. The PCT trade is expected to require the most new hires, followed by the PLT trade, with the other trades seemingly adequately resourced. Table 6 shows forecasted hiring for all trades over the 2021-2025 period.

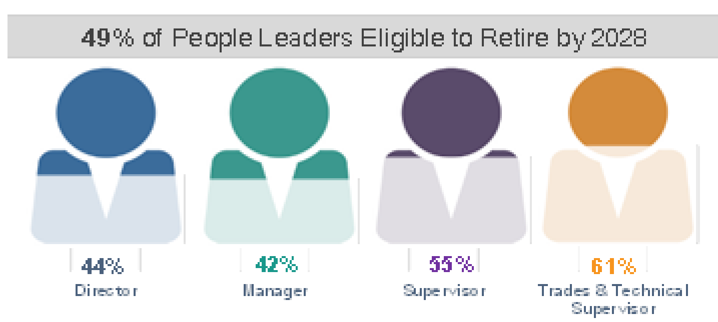
Table 6 – 2021-2025 Forecasted Hiring in the Trades

	2021	2022	2023	2024	2025	Total
Power Line Technician - Apprentice	0	2	0	2	0	4
Power Line Technician - Journeyperson	1	0	1	0	1	3
Power Cable Technician	2	2	2	2	2	10
Meter Technician	0	0	0	0	0	0
Station Electrician	0	0	0	0	0	0
System Operator	0	0	0	0	0	0
TOTAL	**3**	**4**	**3**	**4**	**3**	**17**

5.2. REPLACING FRONT-LINE SUPERVISORS/MANAGERS

As shown in Figure 6, by 2028 49% of Hydro Ottawa's existing people leaders will be eligible to retire. Even more striking is that 55% of its front-line supervisors and 61% of its trades and technical front-line supervisors will be eligible to retire by 2028. With this in mind, Hydro Ottawa continues to focus on replenishing its people leader pipeline through succession planning, strategic external hiring, and leadership and management initiatives.

Figure 6 – People Leaders Eligible to Retire by 2028



As noted in Electricity Human Resources Canada's 2017-2022 LMI Study, this challenge is also projected across the broader electricity sector. More specifically, the study finds that, with respect to electric utilities nation-wide, *"there was a dearth of mid-level staff within their* *organizations to step into senior positions*."[5] Likely due to high numbers of baby boomers and lower numbers of younger workers with the required experience, organizations have to ensure employees obtain the support needed to step into supervisory/managerial positions.

The ongoing technological and digital transformation across the electricity sector is also impacting the skills required to be a leader in the sector. For example, according to the Western Energy Institute, given the profound change the industry is going through a new type of leader is required – transformational leaders who are visionary, nimble, agile, and able to navigate the changes in technology, regulatory and competitive uncertainties, and the evolution of a once-stable industry.[6] The leadership skills that will be most critical to lead in the evolving future include agile thinking, digital business skills, global operating skills, and relationship-building, as well as the ability to think strategically, innovate, and engage and inspire others.

To strengthen the leadership capability of current people leaders and prepare the leaders of tomorrow, Hydro Ottawa has a comprehensive approach to management and leadership development in which learning progresses from foundational to enrichment to leadership excellence. People leaders and emerging leaders receive targeted development opportunities which are supplemented by coaching to accelerate leadership development, in addition to mentorship opportunities with the aim of transferring knowledge cross-functionally and cross-generationally within the business.

5.3. CHANGING SKILL SETS – TECHNOLOGICAL INNOVATIONS AND DIGITAL TRANSFORMATION

As the electricity sector evolves, the wide-scale adoption of technological and digital transformation is transforming occupations and increasing the demand for new skill sets and, in some cases, creating entirely new roles. The need for employees able to work in the ever-changing, diverse, interconnected, and increasingly high-tech electricity sector will require

[5] Electricity Human Resources Canada, *Workforce in Motion: Labour Market Intelligence Study, 2017-2022* (August 2017).
[6] Western Energy Institute, "Transformational Leaders Power the Future of the Energy Industry" (September 4, 2014).

retraining, upskilling, and recruiting of workers with transferable skill sets from other industries. This is especially relevant for positions in information technology, engineering, data analytics, cybersecurity, and change management. It will also require a greater number of employees with specialized skills and higher educational qualifications.[7]

Hydro Ottawa has been engaged in ongoing technological and digital transformation for several years and will continue this evolution at an ever increasing pace in years to come, as outlined in its Digital Strategy (Attachment 1-1-13(B)). There is, however, a lack of digital skills across the electricity sector and in Hydro Ottawa's workforce to realize this transformation. As a result, Hydro Ottawa will continue to provide its employees with the training needed to work with new and evolving technologies and support these changes with robust change management. The utility will also hire or contract for those skill sets, by using vacancies as they become available, and where training is not the most efficient approach. Hydro Ottawa is also mindful of the need to ensure a balance of skill sets, combining digital skills with traditional technical knowledge as the utility moves forward with this transformation, recognizing the need to support legacy infrastructure as well as incorporate new technologies.

5.4. TALENT ATTRACTION AND ACQUISITION

The Government of Canada's Occupational Projection Summary for Electrical Trades and Telecommunications Occupations, forecasts that national job openings within this occupational group over the 2017-2026 period are expected to total 60,800 (arising from expansion and replacement demands resulting from retirements or mobility) and that 62,900 job seekers (arising from graduates, immigration and mobility) are expected to be available to fill those openings.[8] Electrical Power Line and Cable Workers (National Occupational Classification, or "NOC" 7244) and Power System Electricians (NOC 7243) are projected to experience a balance of labour supply and demand during the projection period. Further, it is expected that the

[7] Electricity Human Resources Canada, *Changing Nature of Work: Digital Transformation and Innovation in the Electricity Sector – Draft Final Research Report* (2019).
[8] Employment and Social Development Canada's Canadian Occupational Projection System ("COPS") develops national job projections and analysis for 292 occupations in Canada.

primary source of talent for these occupational groups will be from the post-secondary educational system.

Overall, for the majority of electricity occupations, the labour market will be relatively balanced between demand and supply in the coming years, according to Electricity Human Resources Canada's 2017-2020 LMI Study. However, there are some areas of exception. These include smart grid specialists, power system operators, power station operators, power system electricians, engineers, engineering technologists, and information technology specialists. Many of these skill sets are highly transferable, both within the industry and to other industries. This will mean competing not just with other utilities, but with employers across multiple industries. Thus, making an employer's brand and its ability to attract the best talent possible matter now more than ever before.

Hydro Ottawa makes a concerted effort to attract the next generation of workers to meet the organization's present and future talent needs by extending the utility's brand and employee value proposition through cost-effective social media channels, trades-focused career fairs that reach students at critical junctures in their decision-making about careers, and community outreach to support internationally trained workers in accessing employment. Both co-operative educational placements and a robust summer student program are also a valuable source of future employees.

Hydro Ottawa also emphasizes strategic partnerships with educational institutions that foster a vibrant and viable talent supply on a sustainable basis. These include the Power Line Technician Diploma Program through Algonquin College and associated applied research opportunities with students in Algonquin College's Electrical Engineering Technology program.

In addition to investing in apprenticeships, Hydro Ottawa offers training and development opportunities to attract engineering graduates. The training and development internship for engineering graduates is based on performance-measured deliverables that align with criteria defined by the Professional Engineers of Ontario, and leads to acquisition of the Professional Engineer designation and transition into a Distribution Engineer role at the utility.

5.5. WORKFORCE DIVERSITY

Electricity Human Resources Canada's 2017-2022 LMI Study highlights that workforce diversity in the electricity sector remains well below the average for the Canadian workforce. Hydro Ottawa recognizes the value of a more diverse and inclusive workforce, and believes it is imperative to attract, retain, and develop diverse professionals to spur innovation, drive growth, and sustain competitive advantage in the marketplace. Doing so enables Hydro Ottawa to offer additional customer value, create an inclusive culture that leverages diversity in everyday business enhancing engagement and innovation, and broadening involvement to initiatives and organizations that promote diversity, thereby adding a new dimension to Hydro Ottawa's brand.

The utility's diversity and inclusion initiatives focus on attracting and engaging diverse populations represented within the current workforce and its customer communities, including the following: women, visible minorities, persons with disabilities, those who identify as LGBTQ+, indigenous, and youth. Recognizing the value of immigrant populations within the Canadian workforce and specifically as an under-leveraged talent pool within the electricity sector, new Canadians are also considered to be a critical talent segment. Hydro Ottawa's focus on diversity and inclusion consists of foundational initiatives intended to foster overall inclusion, complemented by specific initiatives targeted towards the identified diversity groups.

5.6. TALENT DEPLOYMENT

Hydro Ottawa's approach to talent deployment focuses on the preparation and positioning of new hires and new people leaders in order to achieve productivity and value realization, better integration of new hires into company culture, increased retention of new hires, and a smoother transition for new people leaders by providing the knowledge and information needed through the increased use of eLearning and technology. This approach ensures that new employees are proactively brought on board to replace employees leaving due to retirement or other forms of attrition, and that measures and systems are in place to ensure the transfer of knowledge accumulated by older workers throughout their careers.

As Hydro Ottawa moves into 2020 and beyond, its approach to strategic talent deployment ensures that resources are provided with optimal leadership and that productivity is enabled by effective organizational design. To this end, and in anticipation of prolonged leadership turnover as a result of retirements and an increased labour demand for experienced people leaders, Hydro Ottawa is ever mindful of its responsibility to ensure supervisory spans of control are designed to maximize onsite safety and productivity. The utility is further mindful of the need to yield productivity benefits through consolidation of work, rationalization of vacancies for redeployment to trades and other hiring, and ongoing evaluation of possibilities to outsource work that is not considered to be a core or valued-added aspect of service delivery.

5.7. KNOWLEDGE MANAGEMENT AND TRANSFER

With the retirement of experienced workers and people leaders, Hydro Ottawa continues to stem the loss of knowledge unique to the organization through effective knowledge transfer mechanisms. This is consistent with the recommendations outlined in Electricity Human Resources Canada's 2017-2022 LMI Study which supports mitigating initiatives against the loss of knowledge and skills within the electricity sector.

With specialized skills powering the workforce and the continued risk of losing depth in the utility's corporate knowledge base, Hydro Ottawa recognizes that engaging older workers and retirees is a key consideration in ensuring operational capacity and continuity. As a result, Hydro Ottawa leverages its Prime Time Program to achieve the following:

- Delay retirements, where appropriate, to maintain a culture that values experience and supports knowledge transfer opportunities;
- Engage employees transitioning into retirement by leveraging hiring overlaps for unique positions to ensure that knowledge, skills, and corporate memory are passed onto the

next generation and by integrating pre-retirement older workers into mentoring programs to enhance knowledge transfer;

- Engage retirees after retirement, and ensure they remain ambassadors in the community; and
- Ensure policies, practices, and procedures serve older workers and retirees.

Without the implementation of such knowledge-transfer mechanisms, Hydro Ottawa is at risk of significant corporate memory loss, declines in productivity, compromised business continuity, and losses of intellectual capital.

6. CONCLUSION

Hydro Ottawa will continue to experience the effects of the changing landscape in which it operates. This includes experiencing the ongoing impact of employee demographics and the associated loss of highly skilled, experienced, and knowledgeable employees on both the front-lines and in leadership roles due to retirements and other attrition. These effects also encompass the impacts of technological and digital transformation, requiring reskilling, upskilling, and the introduction of new roles to support these changes.

If not proactive and meaningful, the responses to this rapidly changing environment will inevitably hamper the continued successes of the organization and challenge the organization's ability to fulfill its responsibilities to its customers. Hydro Ottawa must maintain and ensure that the current and future level of its business is sustained throughout these changing times by ensuring that it has a sufficient, sustainable, skilled, and prepared workforce.

Hydro Ottawa's multi-pronged workforce planning efforts are designed to synergistically manage the effects of the dynamically changing electricity sector, while ensuring appropriate resources and skills are in place to meet the existing and long-term needs of the business and its customers.

Appendix 2-K
Employee Costs

	Last Rebasing Year (2016 OEB Approved)	Last Rebasing Year (2016 Actuals)	2017 Actuals	2018 Actuals	2019 Bridge Year	2020 Bridge Year	2021 Test Year
Number of Employees (FTEs including Part-Time)1							
Management (including executive)	137.5	123.8	126.3	120.1	119.8	123.6	121.9
Non-Management (union and non-union)	485.2	481.9	476.7	478.6	505.4	498.9	493.7
Total	622.7	605.7	603.0	598.7	625.2	622.5	615.6
Total Salary and Wages including ovetime and incentive pay							
Management (including executive)	$ 15,648,115	$ 14,392,079	$ 14,600,286	$ 14,302,191	$ 13,492,887	$ 14,528,292	$ 14,687,744
Non-Management (union and non-union)	$ 42,110,915	$ 40,275,033	$ 41,438,904	$ 43,279,598	$ 44,479,429	$ 45,426,991	$ 46,496,513
Total	$ 57,759,030	$ 54,667,112	$ 56,039,190	$ 57,581,789	$ 57,972,316	$ 59,955,283	$ 61,184,257
Total Benefits (Current + Accrued)							
Management (including executive)	$ 3,954,359	$ 3,273,893	$ 3,442,819	$ 3,424,047	$ 3,524,273	$ 3,759,123	$ 3,935,256
Non-Management (union and non-union)	$ 10,230,894	$ 9,478,378	$ 9,846,711	$ 10,340,548	$ 11,802,953	$ 11,835,798	$ 12,453,947
Total	$ 14,185,253	$ 12,752,271	$ 13,289,530	$ 13,764,595	$ 15,327,226	$ 15,594,921	$ 16,389,203
Total Compensation (Salary, Wages, & Benefits)							
Management (including executive)	$ 19,602,474	$ 17,665,972	$ 18,043,105	$ 17,726,238	$ 17,017,160	$ 18,287,415	$ 18,623,000
Non-Management (union and non-union)	$ 52,341,809	$ 49,753,411	$ 51,285,615	$ 53,620,146	$ 56,282,382	$ 57,262,789	$ 58,950,460
Total	$ 71,944,283	$ 67,419,383	$ 69,328,720	$ 71,346,384	$ 73,299,542	$ 75,550,204	$ 77,573,460

Note:

1 If an applicant wishes to use headcount, it must also file the same schedule on an FTE basis.

HEALTH, SAFETY AND ENVIRONMENT COMPLIANCE AND SUSTAINABILITY

1. INTRODUCTION

As a utility with deep roots in the community, established through more than 100 years of providing an essential service to homes and businesses, Hydro Ottawa is expected by its customers to safely, responsibly, and efficiently deliver electricity in a manner that protects the health and safety of employees, contractors, customers, and the broader community, while also being a good steward of the shared environment. Hydro Ottawa is fully committed to meeting that expectation.

Hydro Ottawa has adopted a best practice, continual improvement approach to meeting legislative and regulatory requirements in the areas of health, safety, and environment, and to maintaining standards of performance relative to risks associated with its ongoing business activities. Since 2008, Hydro Ottawa has successfully maintained registration of its integrated health, safety, and environmental management system to the International Organization for Standardization (“ISO”) 14001 and the Occupational Health and Safety Assessment Series (“OHSAS”) 18001.

2. EMPLOYEE SAFETY

At the core of Hydro Ottawa’s business is the fundamental commitment to protecting the health and safety of employees. The foundation of occupational health and safety in Ontario, and thus at Hydro Ottawa, is the internal responsibility system. This model has roles and responsibilities for all parties in the workplace, including for those associated with the workplace that have decision-making or financial authority for the organization.

2.1. INTERNAL RESPONSIBILITY SYSTEM

Hydro Ottawa has entrenched the internal responsibility system in the organization as both a general philosophy of shared accountability and as a direct reflection of the specific roles and responsibilities required by legislation and regulations. Building upon this basic model, Hydro

Ottawa has a corporate Occupational Health, Safety, and Environmental ("OHSE") Accountability Program which details a number of specific OHSE activities required by each party in the workplace, in addition to their job-specific duties.

Further strengthening the internal responsibility and accountability model is the OHSE Management Framework – a structured system of management review, discussion, and recommendation involving employees from the Supervisor to the Executive level. In addition to oversight at each level of management, Hydro Ottawa has a multi-workplace Joint Health and Safety Committee ("JHSC") which functions within a mandate established by the Terms of Reference approved by the Ministry of Labour. This mandate includes inspection, recommendation, and worker representation functions for the various occupations and workplaces at Hydro Ottawa.

As part of the OHSE Management Framework, Hydro Ottawa exercises appropriate due diligence, and complies with legislative and regulatory requirements, by doing the following:

- Establishing instruction, training, and orientation programs for operational areas;
- Auditing or reviewing the workplace for foreseeable health, safety, and environmental risks;
- Having policies, programs, procedures, processes, and work instructions in place to protect workers and the environment against risks;
- Actively demonstrating a strong, sustainable level of commitment to the health and safety of workers and to minimizing harm to the environment by reviewing regular reports on the operation of the OHSE programs, particularly incidents and cases of non-compliance with legislation and regulations; and
- Maintaining documents and records via a formal document/records management system.

2.2. INTEGRATED OCCUPATIONAL HEALTH, SAFETY, AND ENVIRONMENTAL MANAGEMENT SYSTEM

To ensure that the utility's OHSE programs are current, effective, and well-managed, Hydro Ottawa utilizes a structured focus on compliance, together with a formal, documented approach to continuous improvement.

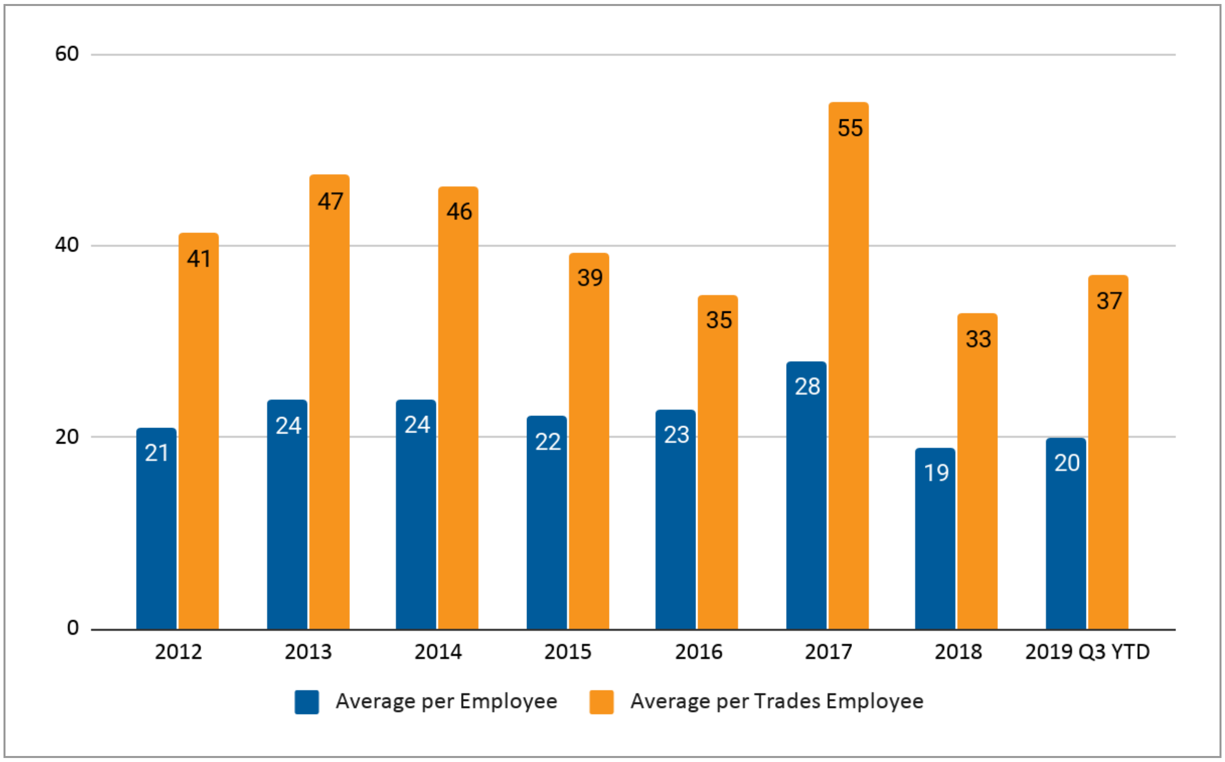
This approach has been applied through the adoption of an integrated OHSE management system registered to the ISO 14001 environmental standard and the OHSAS 18001 health and safety specification. These standards are based on the principles of planning, implementing, monitoring, measuring, and pursuing continuous improvement in Hydro Ottawa's OHSE programs and performance. The utility's integrated OHSE management system includes program elements on risk management, legal requirements, roles and responsibilities, competence and training, communication and consultation, document and record management, emergency preparedness and response, compliance evaluation, investigation and corrective action processes, and audit and management review processes.

In accordance with Hydro Ottawa's focus on continual improvement, the OHSE management system has been updated to meet the requirements of the new ISO environmental standard in 2018. Preparations are also underway to transition from the current OHSAS 18001 health and safety specification to the new ISO 45001 health and safety standard in 2020.

2.3. SAFETY TRAINING

Training is not only a legislative requirement under the *Occupational Health and Safety Act* and other key statutes and codes that govern Hydro Ottawa, but it also contributes to higher employee efficiency and safer operations. As depicted in Figure 1, Hydro Ottawa provides an average of over 40 hours of safe work practices training annually for all trades employees whose work is carried out in higher hazard environments, and an average of over 20 hours for all employees.

Figure 1 – Safe Work Practices Training for Hydro Ottawa Employees



Training varies year-over-year and is dependent on both internal and external drivers. Internal drivers include the increasing training needs that accompany apprenticeship programs and younger workers. External drivers include the substantial increase in legislated health and safety-related education and training in the province of Ontario (both the initial training required and the mandated training refreshers). In recent years, legislative changes related to worker and supervisor knowledge of the *Occupational Health and Safety Act*, the new Working at Heights training standard, the introduction of the Globally Harmonized System (replacement for Workplace Hazardous Materials Information System), and the legalization of recreational cannabis use have all placed additional cost pressures on Hydro Ottawa in both direct training development and delivery, and loss of productive time. This pressure is expected to continue as the Ministry of Labour develops and mandates additional training standards over the next five years.

2.4. CONTRACTOR MANAGEMENT

The importance of safety in Hydro Ottawa's operations extends beyond its own employees to include contractors who perform work on the utility's behalf. Continued use of contractors is required to meet Hydro Ottawa's construction and maintenance needs on an ongoing basis. Safe, efficient, and high-quality performance from contractors is essential to the delivery of electricity to the utility's customers. To effectively manage projects involving contractors, Hydro Ottawa utilizes a project management methodology and a contractor OHSE management program, which align project planning and implementation activities as they relate to contractors and sub-contractors.

Hydro Ottawa ensures robust due diligence in relation to contractor safety and performance through a partnership with a contractor management firm, which carries out comprehensive and more cost-effective contractor pre-qualification and compliance monitoring. This partnership operates through a subscription-based model, with fees borne by both Hydro Ottawa and its contractors. This partnership has resulted in the following outcomes: automation of previously manual processes; the provision of contractor performance scorecarding, benchmarking and trending capabilities; and the ability to perform more in-depth tracking and analysis of contractor safety programs, worker training, competencies, and work performance.

Hydro Ottawa continues to identify ways to leverage this partnership to further enhance the quality and efficient use of contactor resources. For example, recently introduced detailed on-site audits of contractors verify that documented safety programs are implemented at the working level and on-line contractor safety orientation training versus classroom-based training is allowing for the efficient completion of training by contractors prior to arrival at Hydro Ottawa job sites. This approach is expected to continue over the 2021-2025 period.

2.5. SAFETY PERFORMANCE – PLANNING, MONITORING, AND CONTINUOUS IMPROVEMENT

Safety performance planning, monitoring, and continuous improvement at Hydro Ottawa are undertaken through workplace/worksite inspections, tailboard conferences, jobsite coaching, pre-construction meetings, audits, and investigations of incidents, injuries, and hazards/near misses. As described in its Workforce Planning Strategy (Attachment 4-1-5(B)), given its younger workforce, Hydro Ottawa has increased the number of safety inspections, jobsite coaching, pre-construction meetings, and independent reviews of work practices in recent years, in order to mitigate safety risks.

Hydro Ottawa is currently automating the manual processes and workflows associated with these and other OHSE activities in a cloud-based OHSE software solution, and eliminating the paper forms and paper-based recording in the field related to these activities. With the resulting reporting functionality and enhanced analytics and intelligence available upon implementation in 2020, Hydro Ottawa anticipates being able to more efficiently and effectively identify and report on the findings and follow-up actions resulting from these activities. The utility also expects to be equipped to make more informative and timely decisions with respect to additional OHSE training, communications, and programming needs. For further details on Hydro Ottawa's business automation plans, please see Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives and Attachment 1-1-13(B): Digital Strategy.

2.6. SAFETY PERFORMANCE RESULTS

From a comparative perspective, as shown in Figures 2 and 3, Hydro Ottawa's approach to safety showed positive performance results with rates at or below the Canadian Electricity Association's ("CEA") Group II average from 2012-2015 for both the all injury frequency rate and the lost workday severity rate.[1] However, the all injury frequency rate trended upward from 2016

[1] Group II is comprised of CEA member organizations with 301 - 1,500 employees.

to 2018. The lost workday severity rate also trended upward in 2016, and then showed substantial improvement in 2017 and 2018.

Research conducted on the 2016-2018 incidents guided the introduction of additional safety training, communication, and programming for 2018 and 2019, resulting in continued positive trending through Q3 2019 for both the all injury frequency rate and the lost workday severity rate. The cloud-based technology noted above will allow Hydro Ottawa to make more predictive versus reactive decisions on such matters in the future.

Figure 2 – Hydro Ottawa vs. CEA Group II All Injury Frequency Rate

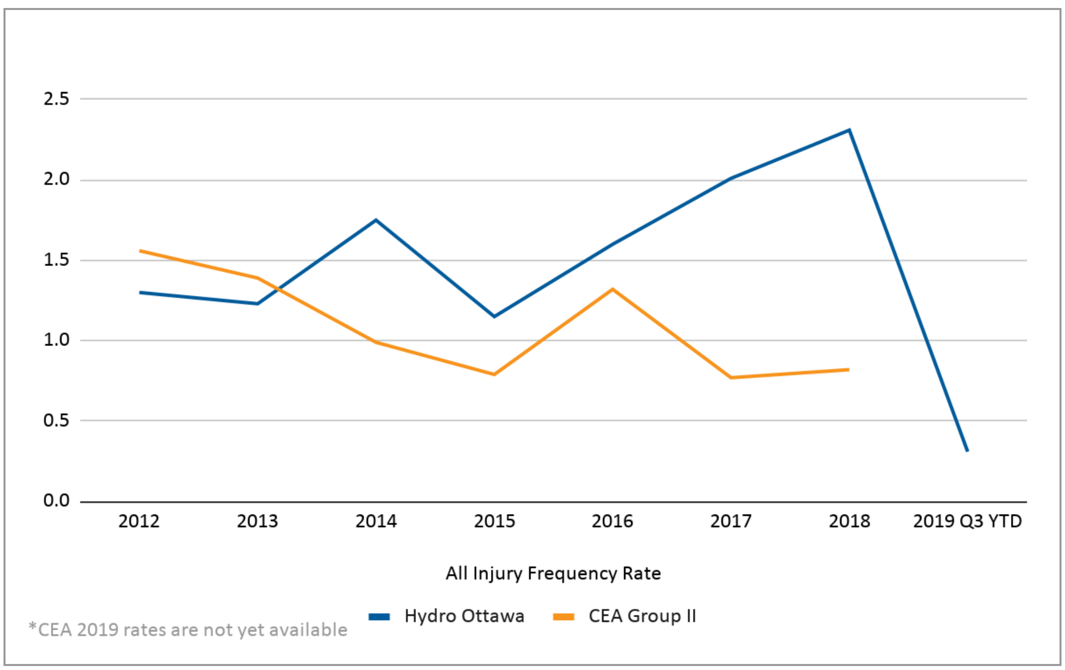
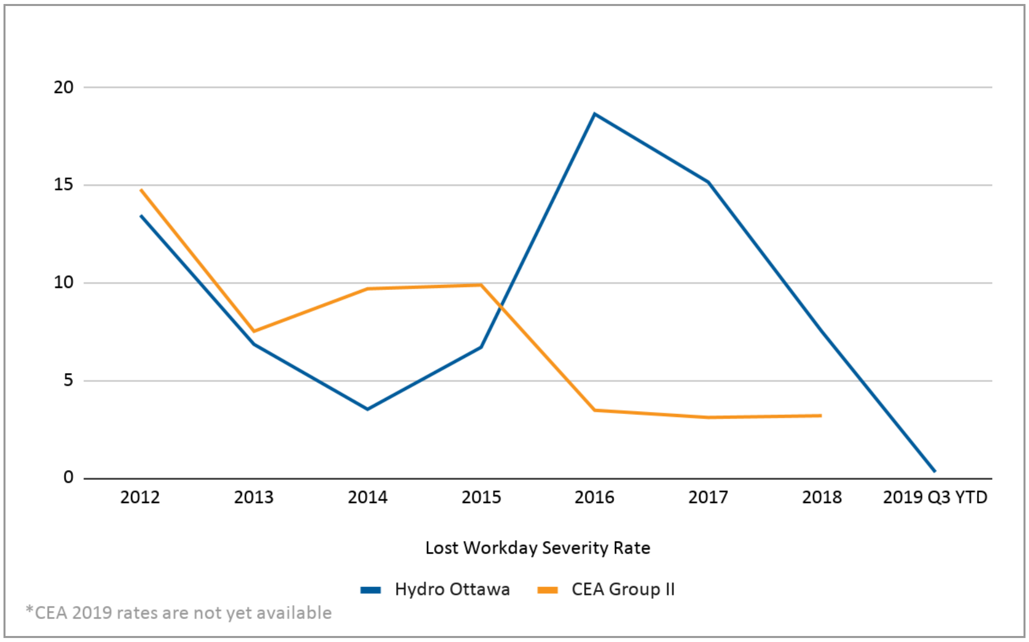


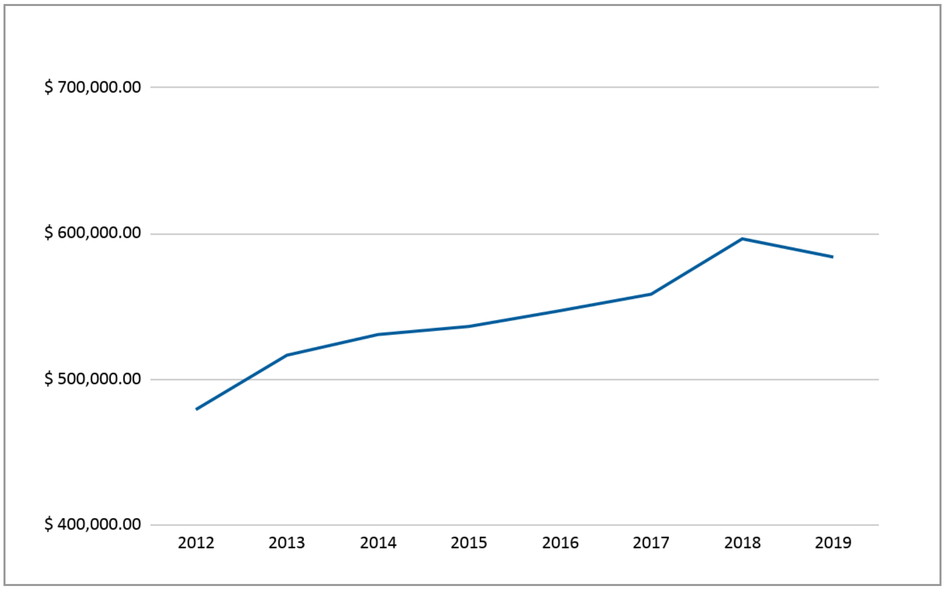
Figure 3 – Hydro Ottawa vs. CEA Group II Lost Workday Severity Rate



The Workplace Safety and Insurance Board ("WSIB") classifies firms into groups based on their activities, and establishes premium rates for each rate group. Hydro Ottawa is classified in the Oil, Power and Water Distribution rate group.

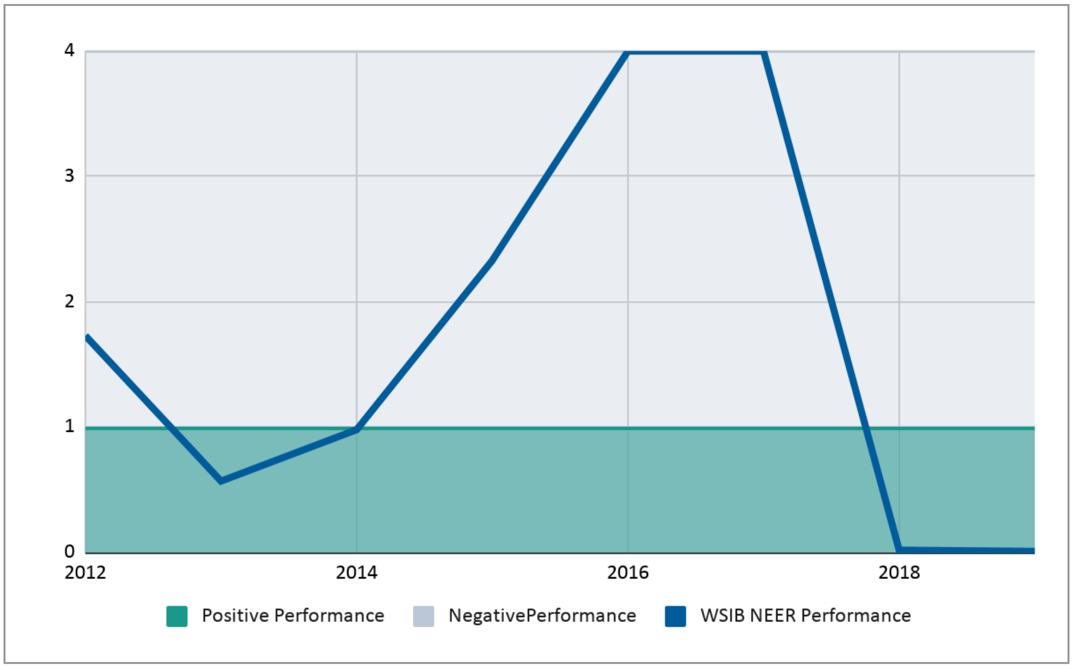
Hydro Ottawa's WSIB premium costs from 2012-2019 are shown in Figure 4 below. Premiums for the rate group in which Hydro Ottawa is classified increased in 2018 and decreased modestly in 2019.

Figure 4 – Hydro Ottawa WSIB Premiums



Hydro Ottawa's WSIB New Experimental Experience Rating ("NEER") performance index for 2012-2018 is shown in Figure 5 below. The utility experienced high NEER performance indices in 2015, 2016 and 2017 with the associated surcharges. This was due primarily to large WSIB future cost estimates in relation to two claims. These future cost estimates have been adjusted for 2018 and 2019 and, as such, have positively reduced the NEER performance index for each of those years.

Figure 5 – WSIB NEER Performance Index



As of January 1, 2020, the WSIB has moved to a new industry classification system and rate framework based on the North American Industry Classification System ("NAICS"), and has eliminated experience rating programs such as NEER. The new rate framework will assess premium rates based on the collective risk profile of all businesses within the class and the class's share of responsibility to maintain the insurance fund. In 2020, businesses will be assigned a starting point rate as well as a projected premium rate based on previous rates, claims experience, size of business, NAICS classification, and whether or not they were previously in an experience rating program. The impact of these changes on Hydro Ottawa's future WSIB premium rates for 2020 onwards is not known at this time.

3. EMPLOYEE HEALTH AND WELLNESS

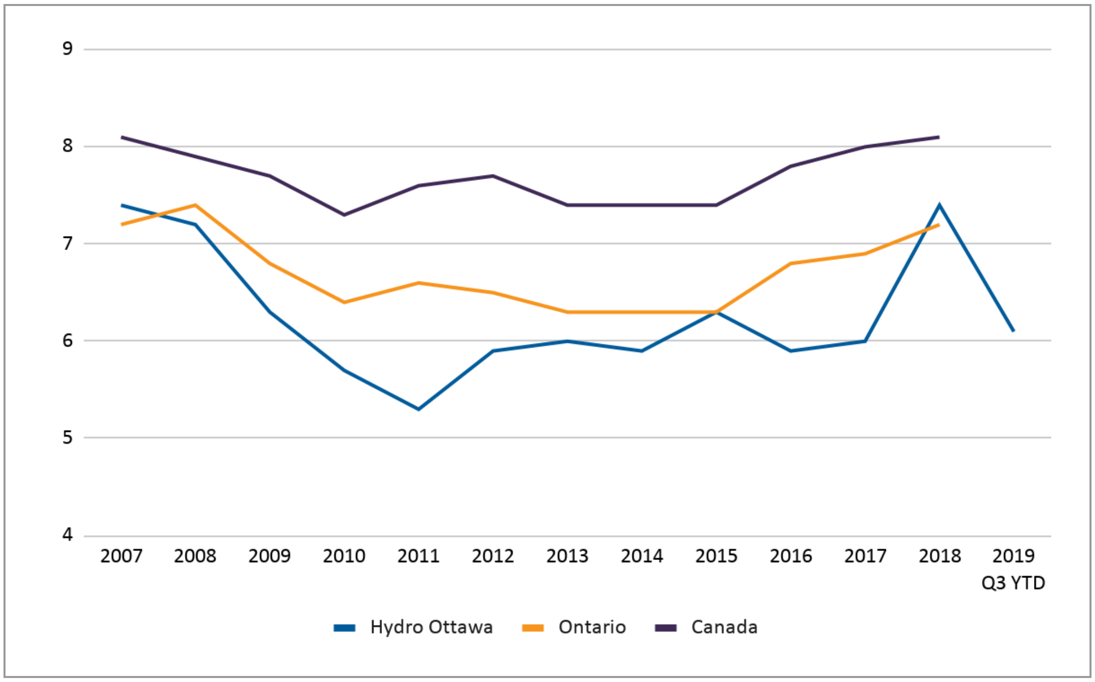
Along with the emphasis on safety, Hydro Ottawa recognizes that in order to have a productive workforce, employees need to be healthy, well, and engaged in their work. The utility has programs and strategies in place to help prevent illness and injury and reduce the associated lost time. These include the following: programs to alleviate musculoskeletal injuries, given that half of the employees perform physically demanding jobs; occupational and non-occupational illness/injury work reintegration programs to ensure employees return to work early and safely, and perform in a meaningful way; and other supports to promote employee health and wellness over the long-term, including an Employee Assistance Program and mental health programming. In addition, in 2019 over 80% of employees moved to new facilities, designed with the health and well-being of employees and the environment in mind.[2]

3.1. ATTENDANCE MANAGEMENT PROGRAM

Hydro Ottawa's Attendance Management Program, first introduced in 2009, monitors employee attendance, recognizes positive attendance, and provides the framework for addressing excessive absenteeism. As indicated in Figure 6 below, Hydro Ottawa's average number of sick days per employee in 2017 was 6.0. This was below the Ontario and Canada benchmarks of 6.9 days and 8.0 days per employee, respectively. In 2018, Hydro Ottawa's average number of sick days per employee increased to 7.4 – still lower than the Canada benchmark of 8.1 days, but slightly higher than the Ontario benchmark of 7.2 days. In light of the increase in overall sick leave usage in 2018, Hydro Ottawa conducted predictive analysis to better understand current and future trends, and to identify at-risk groups and positions in order to refine program strategies where required. As well, a toolkit of resources was developed to support people leaders with leave management. Additional training, tools, and accommodations will be required in the 2021-2025 period to maintain this positive trending.

[2] For further details on Hydro Ottawa's Facilities Renewal Program, please see Attachment 2-1-1(A): New Administrative Office and Operations Facilities.

Figure 6 – Average Usage of Sick Leave Days: Hydro Ottawa vs. Ontario and Canadian Benchmarks[3]



4. PUBLIC SAFETY

4.1. COMPLIANCE

Hydro Ottawa takes the health and safety of the public as seriously as it does the health and safety of its employees. Public safety is considered in all phases of Hydro Ottawa's operations, from facility and equipment design through construction to operations and maintenance. All job planning activities take into account public safety, so that the public is not adversely affected by construction and maintenance activities conducted on Hydro Ottawa property, on customer property, and along the many municipal roadways where infrastructure is located.

To ensure compliance with *Ontario Regulation 22/04: Electrical Distribution Safety*, which requires electrical utilities to design, build, and maintain their distribution infrastructure to

[3] *Source:* Statistics Canada – Days Lost per Worker – Illness or Disability (full time paid workers).

recognized standards, Hydro Ottawa participates in multiple Electrical Safety Authority ("ESA") due diligence inspections per year, as well as an annual ESA compliance audit. The results of the utility's ESA compliance audits have consistently demonstrated that Hydro Ottawa remains compliant in the five key compliance sections examined. In 2018, in light of the utility's consistently good performance in due diligence inspections ("DDIs"), ESA reduced the number of annual DDI inspections that Hydro Ottawa is required to participate in from seven to four.

4.2. PUBLIC EDUCATION

The other major component of public safety is that of education. Hydro Ottawa provides highly visible signage warning of hazards on all of its distribution substations and ground level transformers. The utility also works to foster a culture of safety and energy conservation in the community through a number of education campaigns, including the following:

- Educational programs for elementary school students – since 2001, approximately 2,300 presentations have been delivered to over 264,000 students in almost 400 elementary schools across Hydro Ottawa's service territory; and
- Electrical safety awareness campaigns – these campaigns help to ensure that customers are not putting themselves and their loved ones at risk around electricity, and include, among other initiatives, six animated "Smart as a Fox" videos of less than a minute in length each, tackling key areas of learning, which are available on-line in both official languages.

Additional information on electrical safety and energy conservation is provided on the utility's website, via social media channels, and through on-bill messages. Please see Attachment 1-1-12(C): Electricity Utility Scorecard for more details on Hydro Ottawa's plans to increase public safety awareness during the 2021-2025 rate period.

5. ENVIRONMENT

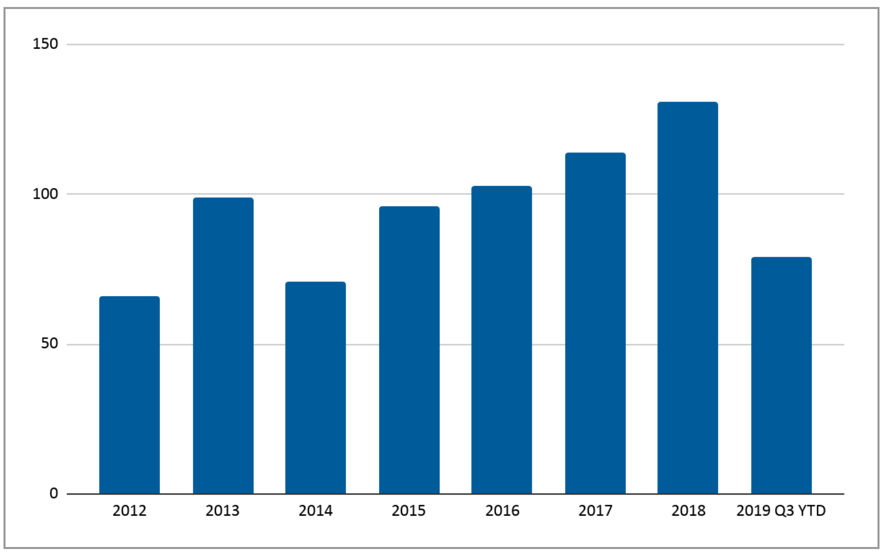
5.1. ENVIRONMENTAL COMPLIANCE

Hydro Ottawa is subject to federal, provincial, and municipal environmental legislation and regulations. In order to ensure compliance, the utility undertakes a range of strategies and activities. These include proactively monitoring multiple information sources, such as regulatory news feeds and industry newsletters, for legislative and regulatory changes that may impose additional duties, requirements, or costs on the organization. If any changes are identified, Hydro Ottawa revises its practices and procedures, if and as required. The utility is also an active participant in industry consultations and a member of a number of industry and trade associations. Furthermore, Hydro Ottawa proactively monitors its existing regulatory approvals and permits on a regular basis, in order to ensure timely compliance and renewal, as required. Hydro Ottawa's operations require that a variety of environmental reports be submitted at scheduled and ad-hoc intervals throughout the year to ensure compliance. Examples include the Ontario Ministry of Environment, Conservation and Parks' ("MECP") Director's Instructions related to the safe storage and destruction of polychlorinated biphenyls ("PCBs"), the National Pollutant Release Inventory, and the Ontario Hazardous Waste Inventory Network. In addition, Hydro Ottawa performs quarterly chemical and waste storage inspections and provides ad-hoc spill reports to the MECP.

Throughout any year, Hydro Ottawa may experience a number of unexpected releases of substances into the environment, with the majority of these releases coming from oil-filled transformers that fail due to age or damage. The utility has a 24-hour response system, with employees qualified to promptly report releases to the MECP and to organize immediate response through an on-call spill remediation contractor. Field employees receive training in spill reporting and containment, with large vehicles carrying spill response kits to provide basic containment. The spill kits contain protective equipment for employees and absorbent materials and mats to prevent spill entry into sensitive areas.

As shown in Figure 7, between 2014 and 2018, the number of spills and the cost to remediate them have increased. Due to proactive measures and practices that are in place, such as infrared scanning, Hydro Ottawa has been able to identify and address leaking equipment before the leaks become larger spills, which are more impactful and costly to remediate. This proactive approach is planned to continue over the next five years.

Figure 7 – Total Number of Spills (2012-Q3 2019)



Hydro Ottawa is working to actively eliminate PCBs from its electrical distribution system. Federal regulations introduced in 2008 established end-of-use dates for all PCBs from 2009-2025, depending upon the location and concentration of PCBs.

Hydro Ottawa has fulfilled all requirements to date to ensure compliance with the 2025 end-of-use deadlines. The utility is continuing the removal of the remaining PCBs from its system in accordance with its Asset Management Plan.

5.2. ENVIRONMENTAL SUSTAINABILITY

Since 2010, Hydro Ottawa's environmental sustainability efforts have been focused on three priority areas:

- Reducing the utility's carbon footprint through improvements in fleet, facilities, technology infrastructure, non-hazardous waste management, and recycling;
- Greening procurement and the supply chain; and
- Building a culture of environmental sustainability in Hydro Ottawa's business practices and workforce.

To build upon the progress made since 2010 relative to these three priority areas and following an environmental scan of Canada's Greenest Employers and Canadian Utilities, Hydro Ottawa added the following priorities in 2016 to ensure it continues to be a good steward of the environment:

- Achieve CEA designation as a Sustainable Electricity Company© in 2020;
- Make environmental sustainability metrics better linked to employee-related activities, more intuitive, and easier to understand;
- Continue to embed environmental stewardship into the way the utility does business; and
- Continue to work with Carbon 613, a network of organizations that are setting and achieving greenhouse gas ("GHG") reduction targets in Ottawa.

These priorities, which will remain in place over the 2021-2025 period, cover many aspects of the utility's operations and address matters of importance to customers, governments, and the electricity sector as a whole. They also provide the utility with the best options for reducing its environmental impacts and improving its environmental performance, while considering costs and return on investment.

Hydro Ottawa's continuing focus on reducing its environmental impacts and improving its environmental performance has resulted in the utility receiving numerous recognitions over the years:

- Canada's Greenest Employer (2011-2016, 2018-2019);
- CEA Environmental Commitment Award (2014);
- Best Ottawa Business Award, Sustainable Leader of the Year (2014); and
- Delta Management Clean 16 and Clean 50 (2013).

5.2.1. Reducing the Utility's Carbon Footprint

In 2019, Hydro Ottawa completed the construction of two new campuses consisting of a main office and two operational centres. The environment was top of mind during design and construction, with the new facilities built to Leadership in Energy and Environmental Design ("LEED") Gold Standards so as to decrease energy consumption, emit fewer GHGs, preserve natural resources, and reduce waste. The main office facility is projected to realize approximately 40% in energy-cost savings, compared to a building designed according to standard building codes, and to use approximately 55% less water due to the installation of efficient and innovative washroom fixtures and a rainwater recovery system. The addition of solar arrays at each campus will offset energy consumption by 18% at the east campus and 100% at the south campus. Please refer to Attachment 2-1-1(A): New Administrative and Operations Facilities for further details.

Hydro Ottawa also continues to invest in green fleet vehicles and technology, where it is available for commercial fleets, and to replace vehicles, as per the established fleet replacement schedule, with the following:

- Hybrid or more energy efficient vehicles, where available;
- Hybrid technology to operate hydraulics for aerial devices, where it is effective;

- Battery technology to eliminate idling for heating and lighting, while servicing underground cabling; and
- Electric vehicles, where appropriate.

Additionally, Hydro Ottawa is leveraging its vehicle Global Positioning System ("GPS") technology and Fleet Management Information System to better manage fleet scheduling, preventive maintenance, repair history, inspections, fuel usage, and vehicle utilization and rationalization to optimize fleet efficiency and environmental performance.

For more information on how improving environmental performance features in the utility's fleet strategy, please see Attachment 2-4-3(F): Fleet Replacement Program.

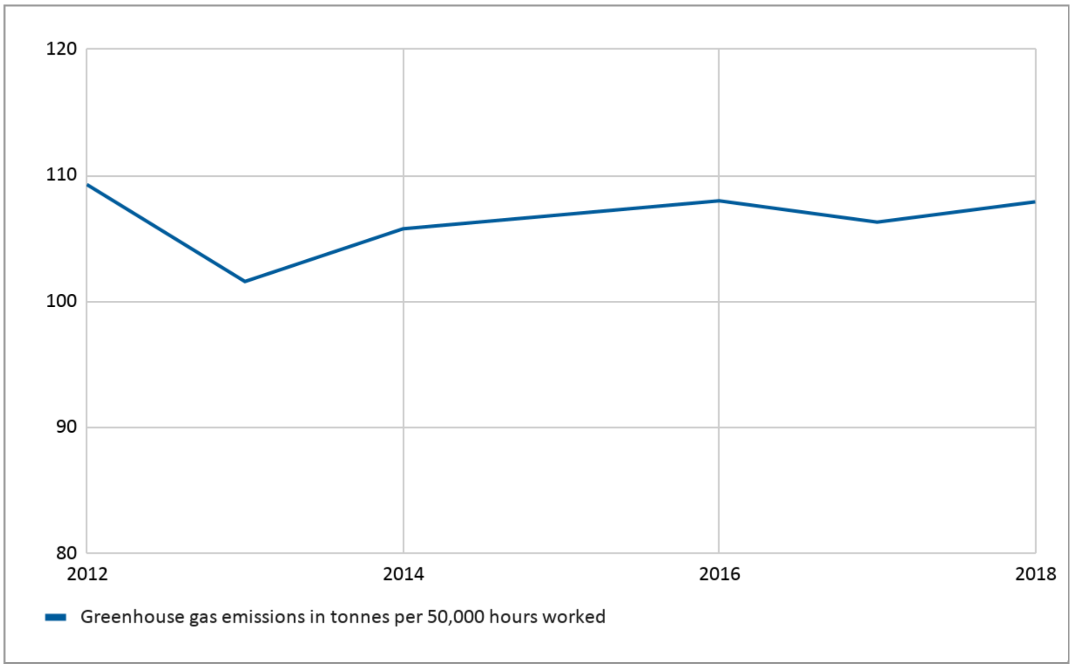
Reducing the environmental impact of information technology platforms also remains an important part of Hydro Ottawa's approach to reducing the utility's carbon footprint. Examples in this regard include the following:

- A new data center in 2019 which utilizes a hot aisle containment system that maintains the ideal temperature for equipment performance and efficiency without using the building's HVAC system;
- Web-conferencing technologies which allow for effective virtual meetings and reduce the need for employees to travel;
- Continuing to adopt cloud-based technologies to reduce the footprint of on-premise technologies and equipment; and
- Replacement of the utility's Supervisory Control and Data Acquisition ("SCADA") system in 2018, with the upgraded version providing remote visibility into the electric grid and ready access to data, without having to send crews and vehicles into the field.

For additional examples, please see Exhibit 1-1-13: Productivity and Continuous Improvement Initiatives and Attachment 1-1-13(B): Digital Strategy.

As outlined in Figure 8, Hydro Ottawa's GHG emissions in tonnes (vehicle fuel combustion emissions, buildings combustion emissions, and sulphur hexafluoride emissions) based on hours worked have remained low in recent years despite the utility not having moved to new, more energy efficient facilities until 2019.

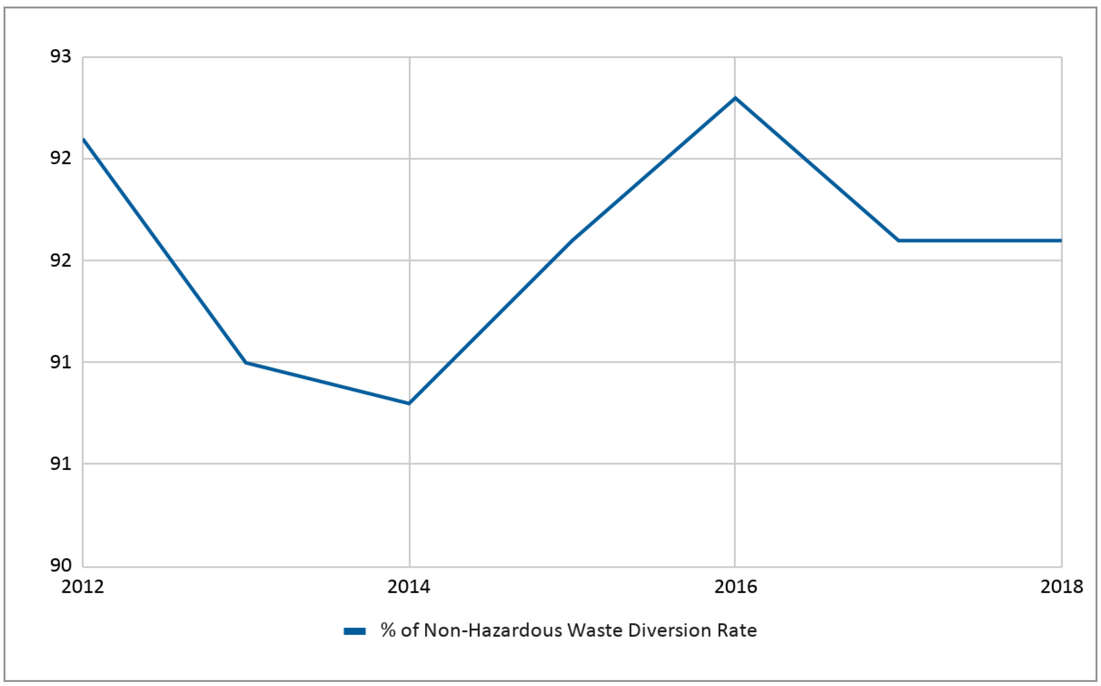
Figure 8 – GHG Emissions



Reducing the amount of non-hazardous waste that is generated and diverting more away from landfill are also important elements of reducing the utility's carbon footprint. Hydro Ottawa tracks all solid and liquid wastes, including operational waste streams, and has systems in place to ensure high diversion rates are maintained. Hydro Ottawa recycles many items including cans, glass, cardboard, paper, plastic, wood, tree trimmings, transformers and electrical equipment, tires, meters, e-waste (laptops, servers, desktops, printers, and cell phones) and metals. In 2019, in conjunction with the move to its new facilities, the utility discontinued waste management at the desk/office level. Centralized four-stream waste collection systems (landfill, paper/cardboard, glass/can, and organics) were introduced, with the organic waste dehydrated on-site using an energy efficient and automated process which produces a dry, earthy material that is used as an accelerant in composting.

As shown in Figure 9, Hydro Ottawa's non-hazardous waste diversion rate has consistently been above 90%. The waste diversion rate can vary slightly from year to year, depending on the type and volume of materials being removed from service and the availability of recycling options for the resulting waste.

Figure 9 – Non-Hazardous Waste Diversion Rate



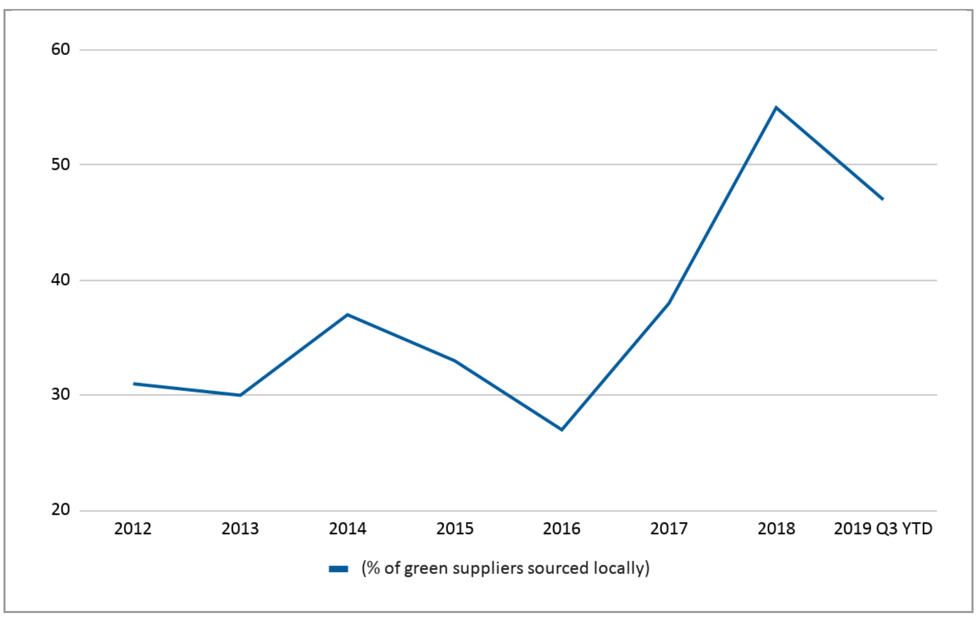
5.2.2. Greening Procurement and the Supply Chain

Hydro Ottawa's approach to green procurement ensures that environmentally friendly purchasing decisions are made, where opportunities exist, while still ensuring that the procurement process delivers value for money.

Hydro Ottawa maintains a point system for evaluating supplier proposals using environmental designations and practices as a "tie-breaker" for differentiating close competitive bidders. Hydro Ottawa also sources goods and services locally, where it is cost-effective to do so, in order to minimize transportation and associated impacts on the environment.

To that end, as represented in Figure 10, Hydro Ottawa tracks the relative proportion of purchase orders placed with firms in and surrounding the National Capital Region. Sourcing of goods and services from local suppliers within a 100 km radius of the National Capital Region, measured in terms of dollars spent, reached 38% in 2017 and a high of 55% in 2018.

Figure 10 – Green Procurement



5.2.3. Building a Culture of Environmental Sustainability

By fostering a culture of environmental stewardship within the utility, employees become champions for the greening of Hydro Ottawa's operations, and a key source of ideas for how to further reduce environmental impacts.

Hydro Ottawa works to ensure employees have the tools they need to reduce waste and conserve energy, whether through the default settings on their electronic devices, the availability of waste collection systems in the workplace, default black only and double-sided printing, campus-wide Wi-Fi, and mechanisms for electronic collaboration and communication.

The ongoing transition to online services and self-service for employees, customers, and vendors is providing an enhanced user experience and reducing Hydro Ottawa's impact on the environment. For example, through the introduction of innovative technologies and annual "go paperless" campaigns with customers, the utility is growing the number of customers opting for paperless billing and substantially reducing its annual usage of paper. Additionally, an ongoing focus to digitize records is continuing to move Hydro Ottawa closer to a paperless environment. For further details on the utility's corporate Digital Strategy, please refer to Attachment 1-1-13(B).

The use of technology also allows Hydro Ottawa to remote disconnect and reconnect customers reducing the need to dispatch workers and vehicles, and thus further reducing its impact on the environment. Hydro Ottawa encourages its employees to carpool, take public transit, bike to work, and drive electric vehicles. Electric vehicle charging stations, including solar powered stations, are available in both the visitor and employee parking lots of Hydro Ottawa's two new campuses at a cost to the users. Covered bicycle parking is conveniently located close to the employee entrances. Moreover, prime parking spaces close to employee entrances are designated for car poolers.

Through its Green Team of front-line employees, Hydro Ottawa continues to look for ways to promote the necessary behavioural changes needed to infuse environmental sustainability into its daily practices. By enlisting co-workers as sustainability partners and engaging external stakeholders and partners to share ideas, Hydro Ottawa is embedding environmental stewardship into the way the utility does business.

Hydro Ottawa Limited
Post-Employment Benefit Plans

ACTUARIAL REPORT FOR ACCOUNTING PURPOSES
IN ACCORDANCE WITH IAS 19
FOR THE PERIOD ENDING DECEMBER 31, 2018
AND PROJECTED RESULTS FOR 2019

April 2, 2019

Prepared by:

ECKLER

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Section 1. EXECUTIVE SUMMARY

We are pleased to present this report which provides the results of an actuarial valuation of Hydro Ottawa Limited's (the "Company") Non-Pension Post-Employment Benefits Plans (the "Plans") in accordance with the International Accounting Standard 19 ("IAS 19"). This report has been prepared at the request of Hydro Ottawa Limited, and is intended for use by the Company and its external auditor in the support of amounts appearing on the Company's financial statements. Please note that all financial amounts shown are in Canadian dollars only.

The Plans are funded on a pay-as-you-go basis by contributions from the Company, and administered by Sun Life. The benefits included in the Plans and considered in this report are:

- Post-retirement life insurance benefits for the management and unionized retirees;
- Retirement grant benefit for the unionized employees; and
- Accumulating non-vesting sick leave benefits for the unionized employees.

The following categories of benefits covered by IAS 19 have not been explicitly considered in this report other than the plans outlined above:

- Short term employee benefits
- Termination benefits
- Post-retirement pension benefits

Actuarial Valuation

A full actuarial valuation of the Plan was performed as of December 31, 2016, based on membership data as of October 31, 2016. The results of the December 31, 2016 valuation are summarized in our actuarial report dated January 23, 2017. The Fiscal 2018 defined benefit cost, the defined benefit obligation as of December 31, 2018 and the estimated Fiscal 2019 information – all summarized in this report, were extrapolated from the results of the December 31, 2016 valuation.

Included in this Report

The following information is included in this report:

Section 2	**Reliance and Certification** Additional information on the data, methods and assumptions used to determine the disclosure amounts shown in this report, as well as our actuarial opinion
Section 3	**Fiscal 2018 Disclosure Information** Full disclosure schedules for each benefit
Section 4	**Estimated Fiscal 2019 Disclosure Information** Estimated disclosure schedules for each benefit. Please note that all the information provided for Fiscal 2019 are estimates only and can be materially different from what is shown dependent on significant events that may occur during and at the end of Fiscal 2019. We will confirm or update these estimates at the time of the preparation of the final Fiscal 2019 disclosure results

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Section 5	**Comparator Fiscal 2017 Disclosure Information** Prior year disclosure schedules for comparison purposes
Appendices	Summary of supporting information used in the actuarial valuations including: **A.** Membership Data **B.** Actuarial Assumptions and Methods **C.** Plan Provisions **D.** Employer Certification

Highlight of Result for Fiscal 2018 and Projected 2019

The table below highlights the key financial reporting results for Fiscal 2018 and the projected defined benefit cost for Fiscal 2019. For accounting under IAS 19, the life insurance and retirement grant as Post-Employment Benefits and gains or losses for these plans are recognized through Other Comprehensive Income (OCI) in the year they arise. The Non-vested Sick Leave Benefits ("NVSL") Plan, however, have been categorized as Other Long-Term Employee Benefits, and gains or losses are recognized immediately through the Defined Benefit Cost in the year they arise. Details of the results are provided in Sections 3 and 4.

Fiscal 2018 Disclosure Information	Life Insruance	Retirement Grant	Nonvested Sick Leave	Total
	$	$	$	$
Components Defined Benefit Cost/(Income)				
Service cost in the Income Statement:	174,000	43,700	120,000	337,700
Interest on the net defined benefit liability in Income Statement:	368,400	28,400	54,100	450,900
Remeasurements of the net defined benefit liability in Income Statement	n/a	n/a	(52,900)	(52,900)
2018 Defined benefit cost/(income) reflected in Income Statement	**$542,400**	**$72,100**	**$121,200**	**$735,700**
Funded Status at End of Period				
Plan assets at end of period	0	0	0	0
Defined benefit obligation at end of period	10,074,500	776,600	1,515,700	12,366,800
Funded status at end of period	**($10,074,500)**	**($776,600)**	**($1,515,700)**	**($12,366,800)**
Reconciliation of Defined Benefit (Liability)/Asset				
Defined benefit (liability)/asset at start of period	(10,933,000)	(855,400)	(1,545,400)	(13,333,800)
Defined benefit (cost)/income reflected in Income Statement	(542,400)	(72,100)	(121,200)	(735,700)
Remeasurements of the net defined benefit liability reflected in OCI	986,300	67,800	n/a	1,054,100
Employer contributions	414,600	83,100	150,900	648,600
Defined benefit (liability)/asset at end of period	**($10,074,500)**	**($776,600)**	**($1,515,700)**	**($12,366,800)**
IAS 24 disclosure information for Key Management Personnel	**1,200**	**0**	**0**	**1,200**
Weighted average assumptions for defined benefit cost/(income)				
Discount rate	3.40%	3.40%	3.40%	3.40%
Annual salary increase	2.00%	2.00%	2.00%	2.00%
Weighted average assumptions for disclosure				
Discount rate	3.90%	3.90%	3.90%	3.90%
Annual salary increase	2.00%	2.00%	2.00%	2.00%

	$	$		$
Estimated Fiscal 2019 Defined Benefit Cost				
Service cost in the Income Statement:	149,000	41,700	114,200	304,900
Interest on the net defined benefit liability in Income Statement:	388,300	30,000	60,500	478,800
Remeasurements of the net defined benefit liability in Income Statement	n/a	n/a	0	0
2019 Defined benefit cost/(income) reflected in Income Statement	**$537,300**	**$71,700**	**$174,700**	**$783,700**

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Section 2. RELIANCE AND CERTIFICATION

We have prepared accounting disclosure information in accordance with IAS 19 for the Plans sponsored by the Company as of December 31, 2018, based on an extrapolation of results from a full actuarial valuation of the Plans prepared as of December 31, 2016.

We have relied on the following information which was provided by the Company:

- Confirmation that there were no significant changes to the membership data since the last valuation as of December 31, 2016, which was based on data as of October 31, 2016;
- Premiums paid for the life insurance benefits and retirement grant payments in 2018; and
- Plan provisions in effect as of December 31, 2018.

This report has been prepared exclusively for the Company and its external auditor as support of amounts used for financial reporting purposes. This report may not be relied upon or be appropriate for other purposes.

The Plans' actual costs will depend on a number of factors including the amount of benefits paid, the number of members covered for benefits, the amount of plan expenses and other external influences on the plan costs. These amounts are not known at the measurement date and are uncertain, but expected to fall within a reasonable range of possibilities. To prepare this report, the selected actuarial assumptions produce one scenario from a range of possible scenarios. The results of the single scenario are summarized in this report. However, actual plan experience will differ from the assumptions used and the difference may be material or significant.

Another reasonable set of assumptions could have been selected and the results would have been different. As well, valuation assumptions are likely to change at each valuation due to plan changes, data or experience changes, legislated events or changed expectations about the future. Provided there are no significant changes to the membership data or plan provisions, the next full valuation is due on or before December 31, 2019.

Membership Data

The Fiscal 2018 year-end disclosure is based on membership data provided by the Company as at October 31, 2016 for all Plans, which was assumed to be as of December 31, 2016 for valuation purposes and is summarized in Appendix A of this report. At the time of preparation of the December 31, 2016 valuation, the data was subjected to a number of tests for reasonableness and consistency (e.g. on service, dates of birth, gender, etc.).

Premiums and Claims Information

We received information on the actual payments made for the life insurance and retirement grant benefits in 2018. With respect to the non-vesting sick leave benefits, actual payments are difficult to calculate, so we have reflected expected benefit payments in Fiscal 2018 from our valuation. These amounts are as follows, and were disclosed as the annual cash contributions made in Fiscal 2018 for financial reporting purposes:

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Employer contributions in Fiscal 2018	
	$
Life Insurance	414,600
Retirement Grant	83,100
Nonvested Sick Leave	150,900
Total	**$648,600**

Assumptions

The disclosure results have been prepared using the best estimate assumptions developed by Eckler Ltd. in discussions with management. With the exception of the discount rate, all assumptions used for the disclosure as of December 31, 2018, are the same as those used as of December 31, 2017.

Discount rate assumptions have been determined in accordance with IAS 19, and are based on the combined expected future cash flows for the Plans.

According to IAS 19, the discount rate used to determine the defined benefit obligation is the market interest rate on high quality debt instruments with duration similar to the duration of the Plan. The discount rate used as of December 31, 2017 and for the Fiscal 2018 defined benefit cost was 3.40% per annum based on the duration of all Plans combined.

Based on the duration of all the Plans as of December 31, 2018 and the associated current estimated yield on high quality corporate bonds, the discount rate at December 31, 2018 is 3.90% per annum.

Emerging experience under the plans differing from the assumptions will result in gains or losses which will be revealed in future valuations.

More detailed information on the actuarial assumptions and methodology used are included in Appendix B of this report.

Actuarial Method

The total value of the Plan's costs for financial reporting purposes at a particular date can be measured by the defined benefit obligation ("DBO"). The DBO at a particular date for an employee is the total present value of all expected future benefit payments that is attributed to service earned to that date, and the current service cost is the amount that is attributed to the current year. According to IAS 19, actuarial method used to determine the DBO and current service cost should be the projected unit credit method. This method assumes that the post-retirement benefits are attributed over the years of service to the date when future service no longer leads to a material amount of additional benefits from the plan. This is typically the date when an employee is first eligible to retire and receive benefits for the plan.
For the NVSL plan, the service cost is equal to the value of the benefits expected to be earned in each year.

More information on the actuarial method is provided in Appendix B.

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Plan Provisions

There have been no significant plan changes since the last disclosure as of December 31, 2017. The plan provisions have been provided and confirmed by the Company and are summarized in Appendix C of this report.

Subsequent Events

To the best of our knowledge and based on discussions with the Company, it is our understanding that there were no events which occurred between December 31, 2018 and the date this report was completed which would have a material impact on the results of the valuations or the year-end disclosures at December 31, 2018.

Statement of Actuarial Opinion

In our opinion,

- the membership data is sufficient and reliable for the purpose of the valuation;
- the preparers of the financial statements have selected the assumptions and they are in accordance with accepted actuarial practice in Canada; and
- the calculations have been made in accordance with our understanding of the requirements of International Accounting Standard 19 under the International Financial Reporting Standards.

This report has been prepared, and our opinion given, in accordance with accepted actuarial practice in Canada.

Respectfully submitted,

Kwame Smart, FCIA, FSA	Steve Cheon, FCIA, FSA
February 6, 2019	February 6, 2019
Date	Date

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Section 3. FISCAL 2018 IAS 19 DISCLOSURE INFORMATION

Fiscal 2018 Disclosure Information	Life Insurance	Retirement Grant	Nonvested Sick Leave	Total
	$	$	$	$
Reconciliation of Plan Assets				
Plan assets at start of period	0	0	0	0
Employer contributions	414,600	83,100	150,900	648,600
Employee contributions	0	0	0	0
Benefit payments	(414,600)	(83,100)	(150,900)	(648,600)
Settlement payments	0	0	0	0
Interest income	0	0	0	0
Return on plan assets excluding amounts included in interest income	0	0	0	0
Plan assets at end of period	**$0**	**$0**	**$0**	**$0**
Reconciliation of Defined Benefit Obligation				
Defined benefit obligation at start of period	10,933,000	855,400	1,545,400	13,333,800
Current service cost	174,000	43,700	120,000	337,700
Interest expense	368,400	28,400	54,100	450,900
Benefit payments	(414,600)	(83,100)	(150,900)	(648,600)
Past service cost/(credit)	0	0	0	0
Curtailment & Settlement (gains)/losses	0	0	0	0
Actuarial (gains)/losses from changes in experience	(130,000)	(43,300)	0	(173,300)
Actuarial (gains)/losses from changes in demographic assumptions	0	0	0	0
Actuarial (gains)/losses from changes in financial assumptions	(856,300)	(24,500)	(52,900)	(933,700)
Defined benefit obligation at end of period	**$10,074,500**	**$776,600**	**$1,515,700**	**$12,366,800**
Components Defined Benefit Cost/(Income)				
Service cost in the Income Statement:				
Current service cost	174,000	43,700	120,000	337,700
Past service cost	0	0	0	0
Curtailment & Settlement (gain)/loss	0	0	0	0
	174,000	**43,700**	**120,000**	**337,700**
Interest on the net defined benefit liability in Income Statement:				
Interest income	0	0	0	0
Interest expense	368,400	28,400	54,100	450,900
	368,400	**28,400**	**54,100**	**450,900**
Remeasurements of the net defined benefit liability in Income Statement	**n/a**	**n/a**	**(52,900)**	**(52,900)**
Defined benefit cost/(income) reflected in Income Statement	**$542,400**	**$72,100**	**$121,200**	**$735,700**
Remeasurements of the net defined benefit liability in OCI:				
Return on plan assets excluding amounts included in interest income	0	0	n/a	0
Actuarial (gains)/losses from changes in experience	(130,000)	(43,300)	n/a	(173,300)
Actuarial (gains)/losses from changes in demographic assumptions	0	0	n/a	0
Actuarial (gains)/losses from changes in financial assumptions	(856,300)	(24,500)	n/a	(880,800)
Remeasurements of the net defined benefit liability reflected in OCI	**($986,300)**	**($67,800)**	**$0**	**($1,054,100)**
Funded Status at End of Period				
Plan assets at end of period	0	0	0	0
Defined benefit obligation at end of period	10,074,500	776,600	1,515,700	12,366,800
Funded status at end of period	**($10,074,500)**	**($776,600)**	**($1,515,700)**	**($12,366,800)**
Reconciliation of Defined Benefit (Liability)/Asset				
Defined benefit (liability)/asset at start of period	(10,933,000)	(855,400)	(1,545,400)	(13,333,800)
Defined benefit (cost)/income reflected in Income Statement	(542,400)	(72,100)	(121,200)	(735,700)
Remeasurements of the net defined benefit liability reflected in OCI	986,300	67,800	n/a	1,054,100
Employer contributions	414,600	83,100	150,900	648,600
Defined benefit (liability)/asset at end of period	**($10,074,500)**	**($776,600)**	**($1,515,700)**	**($12,366,800)**
Reconciliation of amounts in OCI (Gain)/Loss				
Accumulated amounts in OCI at start of period	2,219,200	(115,300)	n/a	2,103,900
Remeasurements of the net defined benefit liability reflected in OCI	(986,300)	(67,800)	n/a	(1,054,100)
Accumulated amounts in OCI at end of period (Gain)/Loss	**$1,232,900**	**($183,100)**	**$0**	**$1,049,800**

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Fiscal 2018 Disclosure Information	Life Insurance	Retirement Grant	Nonvested Sick Leave	Total
	$	$	$	$
Determination of interest cost				
Defined benefit obligation at start of period	10,933,000	855,400	1,545,400	13,333,800
Current service cost weighted for timing (beg-year)	174,000	43,700	120,000	337,700
Past service cost weighted for timing (beg-year)	0	0	0	0
Expected benefit payments weighted for timing (mid-year)	(272,300)	(63,200)	(75,450)	(410,950)
Average weighted DBO	10,834,700	835,900	1,589,950	13,260,550
Discount rate	3.40%	3.40%	3.40%	3.40%
Interest cost for period	368,400	28,400	54,100	450,900
Additional disclosure information				
Expected employer contributions in next reporting period	532,200	97,400	156,900	786,500
Duration[1]	15.5	15.5	15.5	15.5
IAS 24 disclosure information for Key Management Personnel				
Defined benefit cost/(income) reflected in Income Statement				
EE ----	1,200			1,200
Total	1,200	0	0	1,200
Sensitivity on defined benefit obligation at end of period				
Discount rate				
Effect of 0.25% increase	(385,500)	(12,200)	(26,300)	(424,000)
Effect of 0.25% decrease	412,100	12,600	27,200	451,900
Salary scale				
Effect of 0.25% increase	53,900	17,400	33,600	104,900
Effect of 0.25% decrease	(52,300)	(16,900)	(32,600)	(101,800)
Weighted average assumptions for defined benefit cost/(income)				
Discount rate	3.40%	3.40%	3.40%	3.40%
Annual salary increase	2.00%	2.00%	2.00%	2.00%
Weighted average assumptions for disclosure				
Discount rate	3.90%	3.90%	3.90%	3.90%
Annual salary increase	2.00%	2.00%	2.00%	2.00%

[1] Duration is based on expected cash flows of the employee benefit plans combined

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Section 4. FISCAL 2019 IAS 19 DISCLOSURE INFORMATION (ESTIMATE)

Fiscal 2019 Disclosure Information (Estimate)	Life Insurance	Retirement Grant	Nonvested Sick Leave	Total
	$	$	$	$
Reconciliation of Plan Assets				
Plan assets at start of period	0	0	0	0
Employer contributions	532,200	97,400	156,900	786,500
Employee contributions	0	0	0	0
Benefit payments	(532,200)	(97,400)	(156,900)	(786,500)
Settlement payments	0	0	0	0
Interest income	0	0	0	0
Return on plan assets excluding amounts included in interest income	0	0	0	0
Plan assets at end of period	**$0**	**$0**	**$0**	**$0**
Reconciliation of Defined Benefit Obligation				
Defined benefit obligation at start of period	10,074,500	776,600	1,515,700	12,366,800
Current service cost	149,000	41,700	114,200	304,900
Interest expense	388,300	30,000	60,500	478,800
Benefit payments	(532,200)	(97,400)	(156,900)	(786,500)
Past service cost/(credit)	0	0	0	0
Curtailment & Settlement (gains)/losses	0	0	0	0
Actuarial (gains)/losses from changes in experience	0	0	0	0
Actuarial (gains)/losses from changes in demographic assumptions	0	0	0	0
Actuarial (gains)/losses from changes in financial assumptions	0	0	0	0
Defined benefit obligation at end of period	**$10,079,600**	**$750,900**	**$1,533,500**	**$12,364,000**
Components Defined Benefit Cost/(Income)				
Service cost in the Income Statement:				
Current service cost	149,000	41,700	114,200	304,900
Past service cost	0	0	0	0
Curtailment & Settlement (gain)/loss	0	0	0	0
	149,000	**41,700**	**114,200**	**304,900**
Interest on the net defined benefit liability in Income Statement:				
Interest income	0	0	0	0
Interest expense	388,300	30,000	60,500	478,800
	388,300	**30,000**	**60,500**	**478,800**
Remeasurements of the net defined benefit liability in Income Statement	**n/a**	**n/a**	**0**	**0**
Defined benefit cost/(income) reflected in Income Statement	**$537,300**	**$71,700**	**$174,700**	**$783,700**
Remeasurements of the net defined benefit liability in OCI:				
Return on plan assets excluding amounts included in interest income	0	0	n/a	0
Actuarial (gains)/losses from changes in experience	0	0	n/a	0
Actuarial (gains)/losses from changes in demographic assumptions	0	0	n/a	0
Actuarial (gains)/losses from changes in financial assumptions	0	0	n/a	0
Remeasurements of the net defined benefit liability reflected in OCI	**$0**	**$0**	**$0**	**$0**
Funded Status at End of Period				
Plan assets at end of period	0	0	0	0
Defined benefit obligation at end of period	10,079,600	750,900	1,533,500	12,364,000
Funded status at end of period	**($10,079,600)**	**($750,900)**	**($1,533,500)**	**($12,364,000)**
Reconciliation of Defined Benefit (Liability)/Asset				
Defined benefit (liability)/asset at start of period	(10,074,500)	(776,600)	(1,515,700)	(12,366,800)
Defined benefit (cost)/income reflected in Income Statement	(537,300)	(71,700)	(174,700)	(783,700)
Remeasurements of the net defined benefit liability reflected in OCI	0	0	n/a	0
Employer contributions	532,200	97,400	156,900	786,500
Defined benefit (liability)/asset at end of period	**($10,079,600)**	**($750,900)**	**($1,533,500)**	**($12,364,000)**
Reconciliation of amounts in OCI (Gain)/Loss				
Accumulated amounts in OCI at start of period	1,232,900	(183,100)	n/a	1,049,800
Remeasurements of the net defined benefit liability reflected in OCI	0	0	n/a	0
Accumulated amounts in OCI at end of period (Gain)/Loss	**$1,232,900**	**($183,100)**	**$0**	**$1,049,800**

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Section 5. FISCAL 2017 IAS 19 DISCLOSURE INFORMATION (COMPARATOR)

Fiscal 2017 Disclosure Information	Life Insurance	Retirement Grant	Nonvested Sick Leave	Total
	$	$	$	$
Reconciliation of Plan Assets				
Plan assets at start of period	0	0	0	0
Employer contributions	361,600	127,700	145,000	634,300
Employee contributions	0	0	0	0
Benefit payments	(361,600)	(127,700)	(145,000)	(634,300)
Settlement payments	0	0	0	0
Interest income	0	0	0	0
Return on plan assets excluding amounts included in interest income	0	0	0	0
Plan assets at end of period	**$0**	**$0**	**$0**	**$0**
Reconciliation of Defined Benefit Obligation				
Defined benefit obligation at start of period	10,118,200	919,400	1,463,300	12,500,900
Current service cost	140,700	41,000	112,800	294,500
Interest expense	389,100	34,200	58,600	481,900
Benefit payments	(361,600)	(127,700)	(145,000)	(634,300)
Past service cost/(credit)	0	0	0	0
Curtailment & Settlement (gains)/losses	0	0	0	0
Actuarial (gains)/losses from changes in experience	(202,000)	(38,100)	0	(240,100)
Actuarial (gains)/losses from changes in demographic assumptions	0	0	0	0
Actuarial (gains)/losses from changes in financial assumptions	848,600	26,600	55,700	930,900
Defined benefit obligation at end of period	**$10,933,000**	**$855,400**	**$1,545,400**	**$13,333,800**
Components Defined Benefit Cost/(Income)				
Service cost in the Income Statement:				
Current service cost	140,700	41,000	112,800	294,500
Past service cost	0	0	0	0
Curtailment & Settlement (gain)/loss	0	0	0	0
	140,700	**41,000**	**112,800**	**294,500**
Interest on the net defined benefit liability in Income Statement:				
Interest income	0	0	0	0
Interest expense	389,100	34,200	58,600	481,900
	389,100	**34,200**	**58,600**	**481,900**
Remeasurements of the net defined benefit liability in Income Statement	**n/a**	**n/a**	**55,700**	**55,700**
Defined benefit cost/(income) reflected in Income Statement	**$529,800**	**$75,200**	**$227,100**	**$832,100**
Remeasurements of the net defined benefit liability in OCI:				
Return on plan assets excluding amounts included in interest income	0	0	n/a	0
Actuarial (gains)/losses from changes in experience	(202,000)	(38,100)	n/a	(240,100)
Actuarial (gains)/losses from changes in demographic assumptions	0	0	n/a	0
Actuarial (gains)/losses from changes in financial assumptions	848,600	26,600	n/a	875,200
Remeasurements of the net defined benefit liability reflected in OCI	**$646,600**	**($11,500)**	**$0**	**$635,100**
Funded Status at End of Period				
Plan assets at end of period	0	0	0	0
Defined benefit obligation at end of period	10,933,000	855,400	1,545,400	13,333,800
Funded status at end of period	**($10,933,000)**	**($855,400)**	**($1,545,400)**	**($13,333,800)**
Reconciliation of Defined Benefit (Liability)/Asset				
Defined benefit (liability)/asset at start of period	(10,118,200)	(919,400)	(1,463,300)	(12,500,900)
Defined benefit (cost)/income reflected in Income Statement	(529,800)	(75,200)	(227,100)	(832,100)
Remeasurements of the net defined benefit liability reflected in OCI	(646,600)	11,500	n/a	(635,100)
Employer contributions	361,600	127,700	145,000	634,300
Defined benefit (liability)/asset at end of period	**($10,933,000)**	**($855,400)**	**($1,545,400)**	**($13,333,800)**
Reconciliation of amounts in OCI (Gain)/Loss				
Accumulated amounts in OCI at start of period	1,572,600	(103,800)	n/a	1,468,800
Remeasurements of the net defined benefit liability reflected in OCI	646,600	(11,500)	n/a	635,100
Accumulated amounts in OCI at end of period (Gain)/Loss	**$2,219,200**	**($115,300)**	**$0**	**$2,103,900**

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Appendix A. MEMBERSHIP DATA

Below is a summary of the membership data as of December 31, 2016 (data was as of October 31, 2016, but assumed to be as of December 31, 2016 for valuation purposes), used to determine the 2018, 2017 and 2016 year-end disclosures.

We did not independently verify the accuracy and completeness of the data except to the extent required by generally accepted professional standards and practices. At the time of preparing the December 31, 2016 valuation, we did however review the data for internal consistency and reasonableness against the data used in the last valuations, and subjected it to a number of tests of reasonableness and consistency, including the following:

- the number of covered members is reasonable;
- a member's age is within a reasonable range;
- a member's years of membership is within a reasonable range given the age;
- a member's retirement age is within a reasonable range; and
- a member's gender has been provided and is reasonable for member.

Summary of Active Members

Active Members	Life Insurance	Retirement Grant / NVSL
	As of December 31, 2016	
Number of employees		
Male	425	306
Female	165	105
Total	590	411
Number with family coverage	n/a	n/a
Average age	44.2	43.1
Average service	14.5	14.9
Average salary	$85,400	$78,700

Summary of Retired Members

Retired Members	Life Insurance	Retirement Grant / NVSL
	As of December 31, 2016	
Number of retirees		
Male	281	n/a
Female	71	n/a
Total	352	n/a
Number with family coverage	n/a	n/a
Average age	71.1	n/a
Average life insurance amount	$35,600	n/a

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Appendix B. ACTUARIAL ASSUMPTIONS AND METHODS

The following table summarizes the assumptions used as at December 31, 2017 and 2018:

Assumptions	December 31, 2017	December 31, 2018
Financial Assumptions		
Discount Rate	3.40% per annum	3.90% per annum
Salary Increase	2.00% per annum	
Expenses & Taxes Loads	Life Insurance Plan 17.40% Retirement Grant Plan n/a Non-vesting Sick Leave n/a	
Demographic Assumptions		
Mortality	CPM 2014 Private Mortaliy Table with generational improvements using scale CPM-B	
Termination Rates (sample rates)	Age / Rate 20 0.070 25 0.050 30 0.050 35 0.050 40 0.030 45 0.020 50 0.020 55 0.000	
Retirement Rates	Upon attainment of Rule of 90; or Completion of 30 years of service subject to a minimum of 55, and a maximum of 71	
Disability Rates	n/a	
Assumed average sick leave usage per year	Retirement Grant only All eligible active employees use over 6 days for sick leave per year	
Net excess sick leave utilization rate / Probabilty of usage of excess sick leave days for unionized members:	Age / Average Excess Days Used / Probablity of Usage 25 - 29 5.7 5.3% 30 - 34 6.9 7.2% 35 - 39 8.5 9.4% 40 - 44 10.6 10.4% 45 - 49 13.1 10.7% 50 - 54 16.0 10.6% 55 - 59 19.4 10.3% 60 and over 23.2 9.9% Total 12.5 8.8%	

Discount Rate

Under IAS 19, the method of selecting the accounting discount rate should reference market interest rates on high-quality debt instruments at the measurement date with cash flows that match the timing and amount of expected benefit payments.

We used the Canadian Institute of Actuaries (CIA) model based on the Fiera Capital curve to develop the appropriate discount rate for accounting purposes.

This discount rate results in the duration of the bonds approximating the duration of the plan liabilities. The duration is the average of time to payment of benefits weighted by the size of expected benefit payments discounted by the applicable spot rates, at each point in time. The Company’s post-employment plan has a duration of approximately 15.5 years. The duration also measures the impact of a change in the discount rate. For example, a 1% change in discount rate results in an approximate 15.5% change in the liabilities in the opposite direction of the discount rate change. With the relatively high duration, the plan liabilities are very sensitive to changes in the discount rate.

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Salary Escalation Rate

This assumption reflects the Company's long-term expectations of future annual increases in salary.

Demographic Assumptions

Mortality assumptions are based on the 2014 Canadian Pensioners Mortality table (CPM 2014), applicable to private sector retirees. The improvement table applied to the mortality table to reflect future improvements in mortality is the Canadian Pensioners Mortality improvement scale (CPM Scale). This CPM Scale B table is a two-dimensional table of improvement rates by age that decreases in a linear fashion for years 2012 - 2030.

For termination incidence and retirement rates we have continued to use the tables developed by the prior actuaries.

Claims Cost Development

For the life insurance benefit, the per capita claim assumption is based on the projected benefit amount payable upon death.

Net Excess Sick Leave Utilization Rate

For each unionized individual included in the membership data as of October 31, 2016, we were provided the number of sick leave days earned, the number of sick leave days used, and the accumulated sick day balances in each fiscal year over the period 2014 to 2016.

To estimate the utilization of the accumulated sick leave benefits in the future, we developed the average "Net Excess Sick Leave Days" and the probability that an employee would actually use excess sick leave days in the future.

The "Net Excess Sick Leave Days" are defined as the average number of sick leave days individuals are expected to use in a year, from the accumulated unused sick leave days earned in periods prior to the year of usage. For example, if the individual earns 18 sick days in a year, and uses 21 days, then 3 days are the "excess sick days". It is the expected draw of these additional 3 days that determines the non-vesting sick leave liability. There is no liability determined or required for the 18 days earned and used in the year.

Sick leave days used in a particular year were split between days used from the current period's allotment of sick days (sick leave days earned in the year), and days used that were accumulated from prior periods. This was done for each individual and for each year by applying the principle that any days used over the sick leave days earned in a year were taken from unused sick leave accumulations from prior periods. The average of the net excess sick leave days was based on the experience of individuals who actually used excess days above days earned in a year.

The "Probability of Usage of Excess Days" is equal to the probability that an individual will use sick leave days accumulated from prior periods in a given year. The probabilities were developed from actual usage experience over the period 2014 to 2016 for employees by age.

In addition to the salaries of employees that the Company pays with respect to the non-vested accumulating sick days, the Company would also pay payroll taxes (CPP/QPP premiums, Employment Insurance (EI) premiums, employer health taxes, workers' compensation premiums, etc.), with the respect to the employees taking a sick day and receiving compensation. As a result, there can also be an obligation related to these "payroll taxes". We have not made a provision for payroll taxes in this analysis.

ECKLER

Actuarial Cost Method

With respect to the post-retirement benefits, the actuarial valuation determines the defined benefit obligation (the "DBO") and the current service cost as described under IAS 19.

- The DBO at a particular date for an employee can be defined as the total present value of all expected future benefit payments that is attributed to service earned to that date.

- The current service cost for an employee can be defined as the present value of all expected future benefit payments that is attributed to the current year.

- For retired employees (or employees already eligible to retire and receive benefits), the current service cost is equal to zero, if no further service adds significantly to the value of the benefits.

- The DBO and current service cost for the Plan at a particular date would be the sum of the individual DBOs and current service costs for all employees and retirees.

The DBO and current service costs were determined using the Projected Unit Credit Method. Under this method, the projected post-retirement benefit is deemed to be earned on a pro-rata basis over years of service.

Under IAS 19, the projected post-employment benefit is deemed to be earned on a pro-rata basis from the date at which service first contributes towards earning a benefit, to the date where future service does not lead to a material amount of further benefit from the Plan. For the life insurance and retirement grant benefits, the attribution period is from date of hire to expected retirement age. For the NVSL plan, the attribution period is from date of hire to date of decrement. The actuarial liability for each member is equal to the present value of the projected benefits up to the valuation date.

Accounting Policies

Under IAS 19 gains or losses for the life insurance and retirement grant plans, that arise are recognized in other comprehensive income in the year. Prior service costs that arise due to plan changes or other significant events are recognized in the charge to income in the year they arise.

For the NVSL plan, gains or losses that arise are recognized in the defined benefit cost (income statement) in the year they arise. Prior service costs that arise due to plan changes or other significant events are recognized in the charge to income in the year they arise.

The benefit expense is made up of three main components as follows, and will be re-determined each year end for the following year:

- Current Service cost – value of benefits expected to be earned in the year
- Past service cost – estimated increase in the DBO for any plan changes or significant events
- Interest cost – interest on the liability at the start of the year
- For the NVSL plan – gains or losses that arise in the year.

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Appendix C. SUMMARY OF PLAN PROVISIONS

Life Insurance Benefits

- The cost of benefits is 100% employer paid
- Coverage for retired employee only (no dependent coverage)
- Benefits payable during retirement

Plan Option	Eligibility	Life Insurance Benefit
A	- With less than 10 years of service at retirement	Flat coverage of $2,000
	- With at least 10 years of service at retirement, and	
B	• Hired on or after May 1, 1967, and › Elected coverage under Options 2, 3, or 4 (Optional Life Insurance) at any time prior to retirement	50% of final annual earnings at retirement, reducing by 2.5% final earnings at the end of each year following retirement for 10 years, to a minimum of 25%
C	› Elected coverage under Option 1 (Basic Coverage only) only prior to retirement	50% of final annual earnings at retirement
D	• Hired before May 1, 1967	70% of the amount for which member was insured prior to retirement

Retirement Grant Benefits

Upon resignation or retirement, employees who have 25 or more years' continuous service may receive one of the following severance payments:

- Four week's pay; or
- A retirement grant.

The retirement grant is based on the employee's sick leave record and is calculated as follows:

- The amount of the retirement grant is the years of service (to a maximum of 35 days) multiplied by the sick leave factor. Allowance will be made to exclude one three-month illness (sixty-five working days)

Average Sick Leave Usage Per Year	Eligibility
4.0 days	100%
4.5 days	80%
5.0 days	60%
5.5 days	40%
6.0 days	20%
Over 6.0 days	0%

Sick Leave Days

Unionized employees are entitled to 18 sick leave days a year. Unused sick leave days earned in particular year can be banked for use in a future year. There is no payout of the value of unused sick days at termination, retirement or death.

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Appendix D. EMPLOYER CERTIFICATION

With regards to this report for accounting purposes on the Company's employee future benefits as of December 31, 2018, I certify that, to the best of my knowledge and belief:

- The membership data provided to the actuary and summarized in Appendix A, includes a complete and accurate description of every person who is entitled to benefits under the terms of the plan for membership up to October 31, 2016, and is appropriate at December 31, 2018;
- Management's best estimate assumptions for purposes of the valuations and disclosures are those described in Appendix B of this report;
- The summary of the plan provisions provided in Appendix C is a reasonable outline of the Plan provisions as of December 31, 2018 as provided to and confirmed with the actuary;
- Accounting policies adopted by the Company are those described in this report; and
- All events subsequent to December 31, 2018 that may have an impact on the valuation have been communicated to the actuary.

Feb 5, 2019
Date

Signature

AUDREY LIZOTTE
Name

Director, Labour Relations and Compensation.
Title

CONSERVATION AND DEMAND MANAGEMENT

1. INTRODUCTION

As a vital customer touch point, Hydro Ottawa's Conservation and Demand Management ("CDM") initiatives offer personalized advice to the utility's residential and business customers that helps them to reduce their energy consumption and better manage their electricity costs. Through these efforts over the past 15 years, Hydro Ottawa has established a solid reputation as a trusted energy advisor providing energy-saving expertise in the Ottawa community.

This positioning of Hydro Ottawa as the go-to resource for electricity optimization services and programs is a critical customer service that is fundamental to the future success of the utility. The electricity sector is rapidly changing with a growing array of electricity generation alternatives, electricity storage, demand management, and smarter grid technologies, that offer customers new choices in an increasingly competitive landscape. Through continued customer engagement, community outreach, and collaboration with other industry players, Hydro Ottawa intends to remain a trusted energy advisor to its customers in the smart energy future that is emerging. Its focus will continue to be on outcomes that deliver value to its customers, while adapting to the increased emphasis on the need to mitigate the impact of electricity consumption on climate change.

Hydro Ottawa's extensive community outreach initiatives in 2018 included the following:

- Participation of the utility's CDM group in more than 160 CDM-specific events, meeting with more than 12,000 residential customers about ways to save electricity in their homes and to better manage their consumption;
- Working with its service providers to encourage more than 3,500 small businesses in the community to participate in Hydro Ottawa's Small Business Lighting and Business Refrigeration Programs; and
- More than 1,200 commercial customer interactions through business meetings, delivering industry presentations, and attending trade shows and events to explain the

electricity management incentives and programs available to help their organizations reduce their energy consumption, costs, and carbon footprint.

The Key Accounts team also maintains membership in a number of associations to provide regular opportunities for consultation with the company's Key Account Coordinators. This approach allows Hydro Ottawa to foster continuous improvement in its engagement with this particular segment of customers. More information on Key Account customer engagement can be found in Exhibit 1-2-1: Customer Engagement Overview.

By engaging customers in energy-saving initiatives, Hydro Ottawa's goal is to reduce total electricity usage, avoid energy waste, and encourage customers to use less energy at times of high demand in Ottawa in order to support the needs of the larger provincial electricity system. Equally important, Hydro Ottawa's "feet-on-the-ground" strategy for fostering a conservation culture in the community delivers tremendous value to its customers, significantly increasing their participation in the utility's programs and their usage of the innovative tools on offer.

A snapshot of the noteworthy results yielded by Hydro Ottawa's CDM-related activities and offerings in 2018 reveals the following highlights:

- Approximately 625 residential customers participated in the utility's Poolsaver program, while the number of participants in the Heating and Cooling program totalled 2,610.
- During Hydro Ottawa's residential Deal Days, its customers took advantage of special discounts to purchase almost 870,000 energy efficient products such as lightbulbs, timers, furnaces, and air-conditioners.
- More than 17,000 customers downloaded the Hydro Ottawa mobile app.
- Approximately 1,000 customers accessed the utility's Smart Speaker Skill.
- Almost 950 Grade 5 students in 18 schools and more than 600 young people in six summer camps participated in Hydro Ottawa's presentations about electricity safety and conservation.

- Hydro Ottawa facilitated the completion of approximately 1,050 energy efficiency projects by customers through its Retrofit Program (representing an 11% increase over the previous year), including complex initiatives to upgrade the building assets of major municipal, federal, and industrial facilities. The aforementioned project count includes more than 170 customers who were first-time participants in the program.
- Over 330 small business customers participated in Hydro Ottawa's Business Refrigeration Incentive Program and approximately 225 customers participated in the utility's Small Business Lighting program.

2. BACKGROUND – CONSERVATION FIRST FRAMEWORK (2015-2020)

The Conservation First Framework ("CFF") established rigorous targets for local distribution companies ("LDCs") to collectively deliver 7 TWh through locally-delivered programs approved by the Independent Electricity System Operator ("IESO"). The CFF allowed LDCs like Hydro Ottawa to design and manage the delivery of cost-effective programs to meet the needs of their customers. The IESO's role was to ensure compliance, evaluate program efficiency, and report results on an annual basis.

Hydro Ottawa's target was 395 GWh for the original CFF term (i.e. 2015-2020). In 2018, the IESO reported that the utility had achieved 276 GWh (70%) of this target. While the IESO did not report verified savings for 2018, the most recent IESO participation report (through February 2019) shows that Hydro Ottawa had achieved 332 GWh (84.2%) of its target.

On March 21, 2019, the CFF was terminated and replaced by an Interim Framework, pursuant to a Ministerial directive. In turn, many LDC conservation programs were discontinued, including the Business Refrigeration Incentive, the Audit Funding Program, Residential New Construction, High Performance New Construction, Existing Building Commissioning, Monitoring and Targeting, Instant Discount (Deal Days), and the Heating and Cooling Incentive. The remaining programs were centralized with the IESO for delivery and program administration. The new Interim Framework targets are 1.4 TWh and 189 MW to be achieved at a Levelized Unit Energy Cost of $0.02/kWh, with the Interim framework scheduled to expire on December 31, 2020.

3. HYDRO OTTAWA'S 2021-2025 CDM OBJECTIVES

3.1. BUSINESS CUSTOMERS

Moving forward, the objective of Hydro Ottawa's CDM group is to strengthen the utility's reputation as a trusted energy advisor for customers in the commercial segment through an outreach strategy that contemplates the following actions:

- Increasing opportunities to meet one-on-one with customers to explore their challenges, identify opportunities and solutions, and share Hydro Ottawa's expertise to help them invest and deliver on projects to achieve their energy objectives;
- Leveraging Hydro Ottawa's and the province's industry-leading energy management tools, incentives, and programs to enhance the customer experience, reduce consumption, and meet carbon reduction objectives;
- Focusing on understanding individual business customer needs in a more individualized way so that services, programs, and products can be developed that make it easier for these customers to adopt innovative energy solutions that drive more value; and
- Building on Hydro Ottawa's partnerships with community-based organizations.

3.2. RESIDENTIAL CUSTOMERS

The CDM group will continue to engage, encourage, and educate Hydro Ottawa's residential consumers on conservation in the home through the utility's mobile app, web-based information, marketing outreach, community engagement, and personal interaction.

In collaboration with Divisions across Hydro Ottawa, other companies, and government partners, the CDM group will also seek to advance planning and preparation by the utility and the IESO for emerging Smart Grid technologies and services.

4. CUSTOMER ENGAGEMENT TO PROMOTE CONSERVATION

Moving forward, Hydro Ottawa will focus on existing program effectiveness and what customers want. Over the impending five-year rate term, the utility's CDM group will continue to do the following:

- Explore, design, and implement cost-effective and unique CDM programs that benefit both business and residential customers.
- Develop and deploy programs that address the unique issues facing current and future grid-constrained areas. Hydro Ottawa's goal is to continue to identify opportunities through customer engagement to defer the need for costly infrastructure upgrades and thereby reduce electricity rate increases while maintaining grid reliability.[1]
- Educate **residential** customers about the benefits and ways to reduce their electricity consumption by:
  - Promoting the Hydro Ottawa app and website, which include energy savings tips and recommendations to reduce power consumption;
  - Adopting smart thermostats, smart plugs, and timers to curb consumption during peak-rate periods and better manage bills;
  - Maintaining a presence at community events; and
  - Delivering age-appropriate presentations with a focus on electricity conservation that is tailored to two groups: students in Kindergarten to Grade 4 and students in Grades 5-8.
- Educate **business** customers (all applicable rate classes) about the benefits and ways to reduce their electricity consumption by:
  - Participating in industry events and associations as well as delivering on-site customer education related to energy conservation and electrical safety;
  - Delivering training seminars on energy-saving trends and technologies, such as smart buildings and Distributed Energy Resources ("DERs");
  - Engaging with business partners and associations such as the City of Ottawa, Canadian Green Building Council, Building Owners and Managers Association, and the Association of Energy Engineers;
  - Holding on-site meetings with Hydro Ottawa's large commercial customers to discuss their CDM needs and plans (this includes performing walk-through energy audits to identify low-cost opportunities and promote in-depth audits [i.e.

[1] A specific example in this regard is Hydro Ottawa's plan to deploy a portfolio of solutions, including CDM, to address immediate capacity and reliability needs in the Kanata North area of its service territory. For additional information on this project, please see Section 8 of Exhibit 2-4-3: Distribution System Plan.

American Society of Heating Refrigeration and Air-Conditioning Engineers Level 2 or Level 3] to be completed by third-party consultants);
    - Applying for and/or leveraging future municipal, provincial, and/or federal incentives to drive cost-effective conservation and peak-load management;
    - Exploring strategies to use conservation, peak-load shifting, and locally-triggered demand response to manage demand in grid-constrained areas; and
    - Assisting and counseling Ottawa businesses enrolled in the Interim Framework programs such as Retrofit, High Performance New Construction, Residential New Construction, Process and Systems, and Audit Funding programs until these programs are either centralized or terminated.

5. CUSTOMER ENGAGEMENT TO INFORM ASSET PLANNING

Over the 2021-2025 rate term, Hydro Ottawa's CDM group will collaborate closely with numerous Divisions across the utility to contribute to the utility's efforts to meet the challenges and capture the opportunities of the future, as follows:

- The CDM group will work in concert with Key Account Coordinators to better understand:
    - The evolving energy needs and options for Key Account customers, as the utility helps the community to transition to a smart energy future;
    - The growing demand on the part of Key Account customers for renewables and the integration of more DERs such as solar panels, combined heat and power plants, electricity storage, and electric vehicles that are not only connected to Hydro Ottawa's local distribution network but have the potential to offset the need for supply from the provincial grid;
    - Partnership opportunities on new types of projects such as microgrids, Smart Cities, and district energy; and
    - Demand Response opportunities.
- The CDM group will continue to engage the utility's Distribution Engineering and Asset Management groups on strategies to address areas challenged by constrained supply. It will support the Asset Planning groups in developing non-wire solutions to manage load

in grid-constrained areas as identified through the IESO's regional planning framework and Achievable Potential Studies. In addition, the CDM group will assist in the regional planning process, providing CDM-related insights.

- The CDM group will collaborate with Hydro Ottawa's Customer Experience group on any access to, or analysis of, consumption data related to CDM projects. The goal in this context will be to leverage data analytics to offer personalized service and drive more value through more informed usage analysis for customers.
- The CDM group will support customers working with the System Design group to identify CDM opportunities, potentially avoiding the need for customer-owned infrastructure upgrades.
- The CDM group will engage and support customers who would potentially benefit from future provincial CDM programs – in particular, residential customers or business customers in areas of Hydro Ottawa's service territory which the IESO has identified as being grid-constrained.
- The CDM group will work to identify and investigate opportunities within Hydro Ottawa's service area to participate in any future energy efficiency auction mechanism developed by the IESO to reduce peak demand.[2]
- The CDM group will explore, and if feasible, assist customers in exploiting DER opportunities to manage consumption and provide local grid support.

6. 2021-2025 CDM STAFFING & RESOURCES

In order to successfully execute and deliver upon the aforementioned CDM initiatives during the 2021-2025 rate term, Hydro Ottawa is proposing an employee complement of four full-time equivalents, along with a resourcing envelope to enable marketing and associated activities. Consistent with the structure to date, the CDM group would continue to be housed within the Chief Customer Officer Division of the utility.[3]

[2] For additional details on the Energy Efficiency Auction Pilot that is under development at the IESO, please see the following page on the IESO's website: http://www.ieso.ca/en/Sector-Participants/Engagement-Initiatives/Engagements/Energy-Efficiency-Auction-Pilot.
[3] For more information on the Chief Customer Officer Divisions, as well as the other Divisions within the utility, please see Exhibit 4-1-2: Summary of Corporate Divisional Functions.

For further details, please refer to Exhibit 4-1-4: Operations, Maintenance and Administration Cost Drivers and Program Variance Analysis.

7. INCREMENTAL ANNUAL ENERGY SAVINGS FROM RATE-BASED CDM ACTIVITIES FOR COMMERCIAL CUSTOMERS

The activities outlined above are expected to yield verifiable and persisting savings of 2 GWh per year. The savings outlined in Table 1 below are attributed to commercial customer engagement only, encompassing all applicable rate classes from small commercial up through large user.

Due to the inherent complexity of verifying residential customer influence and savings, Hydro Ottawa has not claimed any savings for planned activities targeted at the residential rate class.

Table 1 – 2021-2025 Forecasted Annual Energy and Demand Savings from Rate-Based CDM Activities for Commercial Customers

Commercial Accounts	2021	2022	2023	2024	2025
Annual Savings (MWh)	2,000	2,000	2,000	2,000	2,000
Persisting Savings (MWh)	2,000	4,000	6,000	8,000	10,000
Annual Savings* (kW)	298	298	298	298	298

*Note: A conversion rate of 6,702 kWh/kW was used to forecast annual demand savings. This conversion rate is based on an average taken from the 2017 Verified Savings Report issued by the IESO using totals from the entire suite of Provincial Business Programs.

Hydro Ottawa's CDM group has been very successful in helping its customers to make informed decisions regarding energy efficiency opportunities and initiatives. The utility's commitment to CDM programs and engagement for the 2021-2025 rate period will remain an important means of enhancing customer value and maintaining continuity, stability, and support for customers who wish to continue partnering with Hydro Ottawa on CDM opportunities and solutions.

SHARED SERVICES AND CORPORATE COST ALLOCATION

1. INTRODUCTION

In accordance with section 2.4.3.2 of the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019 ("Filing Requirements"), this Schedule provides information about shared services and corporate cost allocation between Hydro Ottawa and affiliated entities.

Hydro Ottawa is wholly owned by Hydro Ottawa Holding Inc. (the "Holding Company"). The Holding Company provides shared corporate services to Hydro Ottawa in the form of strategic direction and oversight in areas such as Human Resources, Safety, Environment, and Business Continuity Management (collectively referred to as "HR"), Information Management and Technology ("IT"), Finance, Treasury, Internal Audit, Risk Management, Legal, Corporate Administration, Customer Service, Corporate Communications, and Management Services. Some Board of Directors-related costs are also included in the corporate cost allocation to Hydro Ottawa.

The other two main affiliated companies are the following:

- Energy Ottawa Inc. ("Energy Ottawa") is the largest Ontario-based, municipally-owned producer of green power. Energy Ottawa owns and operates six run-of-the-river hydroelectric generation plants at Chaudière Falls and the Ottawa River Ring Dam near the city's downtown core, as well as 10 other run-of-the-river facilities located elsewhere in Ontario and in New York State. It also holds majority interests in two landfill gas-to-energy joint ventures, which produce renewable energy from landfill gas at the Trail Road and Lafèche landfill sites in Ottawa and in Moose Creek, Ontario. In addition, Energy Ottawa has 14 solar installations across the City of Ottawa.

- Envari Holding Inc. ("Envari") sells energy solutions to municipalities, industrial and commercial clients, and to various electricity distributors. Envari manages large energy transformation projects, offers a portfolio of energy efficient and environmentally friendly products and services, and provides operations and maintenance capabilities to its clients. These activities were previously under Energy Ottawa until December 31, 2018.

Hydro Ottawa provides and receives services to/from its affiliated companies in order to realize economies of scale, manage costs, and maintain service levels. Hydro Ottawa is the largest entity within the Hydro Ottawa Group of Companies, currently contributing approximately 80% of total revenues and 70% of total assets. While Energy Ottawa, Envari, and the Holding Company have resources of their own, Hydro Ottawa supports these affiliates through the provision of shared corporate services such as HR, Facilities, IT, Finance, Regulatory, Legal, and Communications.

In addition, Hydro Ottawa previously provided shared corporate services to the non-rate regulated Conservation and Demand Management ("CDM") group.[1] On March 21, 2019, the Government of Ontario announced the elimination of provincially-funded CDM programs and the centralization of select programs with the Independent Electricity System Operator ("IESO"). These reforms were effective April 1, 2019. Notwithstanding these developments, Hydro Ottawa and the Holding Company will continue to allocate shared corporate services to CDM programs through the year 2021, as part of the phase-out period for the provincial CDM framework and according to the fully-allocated costing methodology for non-rate-regulated activities described in the *Conservation and Demand Management Code for Electricity Distributors*.

2. SHARED SERVICE MODEL

In accordance with the *Affiliate Relationships Code for Electricity Distributors and Transmitters* ("ARC"), prices for shared corporate services are determined by fully-allocated cost-based pricing. Services that could be competitively sourced in the market are based upon the pricing methodology Hydro Ottawa applies to third parties. The pricing models and methodology were developed internally and the services are provided under the terms of Service Level Agreements ("SLAs").

[1] Please refer to Exhibit 4-1-6: Conservation and Demand Management for further details.

Table 1 identifies the functional services provided by Hydro Ottawa to its affiliates and describes the pricing methodology used for each functional service.

Table 1 – Pricing Methodology for Services Provided by Hydro Ottawa to Affiliates

Functional Service	Pricing Methodology
HR	Cost per employee
IT Services	
Facilities	Market rate for rent, proportionate share of cost for operations and maintenance, property taxes, property insurance, and furnishings
Finance	Based on the number and value of transactions processed
Regulatory, Legal, Communications, Key Account Support, Electricity Distribution Management Services	Proportionate share of cost factored by time spent
Metering and Meter Data Services, Fleet	Market based, based on number of accounts and hours of use respectively
Mechanic Services	Internal labour rate factored by time spent

The Holding Company costs are allocated to its affiliates based on its budgeted costs and time to be spent supporting each affiliate for the fiscal year. This initial assessment is completed annually to ensure an accurate allocation of costs. At year-end, the allocations are reviewed, with any significant differences between actuals and budget being adjusted through a true-up process to ensure costs are properly allocated to each affiliate.

Table 2 below identifies the functional services provided by the Holding Company to Hydro Ottawa and describes the pricing methodology used for each functional service.

Table 2 – Pricing Methodology for Services Received from the Holding Company

Management Service	Pricing Methodology
Legal and Corporate Administration	Proportionate share of cost factored by time spent
Finance, Internal Audit, Enterprise Risk Management	
HR	
Customer Service, Corporate Communications	
IT Services	
Management Services	
Treasury Services	Proportionate share of cost based on value of total debt outstanding
Board of Directors	Proportionate share of cost

Hydro Ottawa has made the following changes to its shared service methodology since its last rebasing application in 2016:[2]

- The pricing methodology for Finance Services provided by Hydro Ottawa to its affiliates changed in 2018 from being based on the proportionate share of cost, factored by time spent, to being based on the number and/or value of transactions processed. This measure more accurately reflected the time and effort spent on the various finance services provided, such as procurement (now based on number of transactions), warehousing (now based on value of inventory) and accounts payable (now based on number of payments processed).
- The pricing methodology for Treasury Services provided by Hydro Ottawa to the Holding Company, and vice versa, changed in 2018 from being based on the proportionate share of cost, factored by time spent, to being based on the proportionate share of cost, based on the value of debt outstanding. This measure more accurately reflected the time and effort spent on the various treasury functions.

[2] Hydro Ottawa Limited, *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application*, EB-2015-0004 (April 29, 2015).

- Key Account Services provided by Hydro Ottawa to Envari were added to the allocations in 2019 to capture Hydro Ottawa's time spent towards developing opportunities with its large commercial customers on behalf of Envari (within the confines of the ARC).

3. SERVICES PROVIDED TO AND FROM AFFILIATES

Table 3 provides a summary of the services provided by Hydro Ottawa to its affiliates and to non-rate-regulated CDM activities in the Historical Years (2016-2018), the Bridge Years (2019 and 2020) and the 2021 Test Year.

Table 3 – Summary of Shared Corporate Services Provided by Hydro Ottawa[3]

Provided By	Provided To	Historical			Bridge		Test
		2016	2017	2018	2019	2020	2021
Hydro Ottawa	Holding Company	$861,944	$686,995	$1,081,985	$1,330,390	$1,450,389	$1,486,649
Hydro Ottawa	Energy Ottawa	$1,200,720	$2,618,407	$2,714,742	$1,652,401	$1,669,891	$1,711,638
Hydro Ottawa	Envari	$0	$0	$0	$1,456,526	$1,562,625	$1,601,691
Hydro Ottawa	CDM	$503,511	$618,278	$652,941	$441,253	$189,243	$34,738
TOTAL		**$2,566,176**	**$3,923,680**	**$4,449,668**	**$4,880,570**	**$4,872,148**	**$4,834,716**

Table 4 below provides a summary of the services received by Hydro Ottawa from the Holding Company in the Historical Years (2016-2018), the Bridge Years (2019 and 2020), and the 2021 Test Year.

[3] The costs in this table represent the costs that are allocated to the Holding Company, Energy Ottawa, and Envari and that are likewise reflected in Other Revenue (see Exhibit 3-2-1: Other Revenue Summary). The costs allocated to CDM are treated as an offset to operations, maintenance and administration ("OM&A") costs and are not included in Other Revenue. Finally, it should be noted that, beginning in 2019, costs associated with providing shared corporate services to affiliates are no longer included in Hydro Ottawa's OM&A.

Table 4 – Summary of Shared Corporate Services Received by Hydro Ottawa

Provided By	Provided To	Historical			Bridge		Test
		2016	2017	2018	2019	2020	2021
Holding Company	Hydro Ottawa	$3,755,760	$3,793,215	$3,222,336	$3,810,066	$3,722,716	$3,815,783
Holding Company	CDM	$175,060	$106,785	$92,207	$118,291	$45,898	$11,475
TOTAL		**$3,930,820**	**$3,900,000**	**$3,314,543**	**$3,928,356**	**$3,768,614**	**$3,827,259**

4. VARIANCE ANALYSIS

4.1. HYDRO OTTAWA SHARED CORPORATE SERVICES TO HOLDING COMPANY

The $0.6M increase in the value of services provided by Hydro Ottawa to the Holding Company between 2016 and 2021 is primarily due to the provision of additional services, including regulatory and distribution management services. A $0.3M rise in IT services was primarily the result of enterprise resource planning system upgrades and a new human capital management module, completed in late 2017, of which proportionate costs were shared by the Holding Company. There were also increased facilities costs associated with Hydro Ottawa's new administrative and operations buildings, which were completed in 2019. The downward trend in 2018 was due to Energy Ottawa assuming a larger share of the costs.

4.2. HYDRO OTTAWA SHARED CORPORATE SERVICES TO ENERGY OTTAWA AND ENVARI

The services provided by Hydro Ottawa to Energy Ottawa and Envari have been combined for variance analysis purposes. Up until December 31, 2018, Envari business lines were associated with Energy Ottawa. The sustained increase of 22% per year in the value of services provided by Hydro Ottawa to Energy Ottawa and Envari between 2016 and 2021 stems primarily from the growth in business activities in both Energy Ottawa and Envari. Through the years, the affiliates' headcount, financial transactions, and IT requirements have all increased as the companies have expanded their revenues, debt, and assets. Accordingly, the pricing reflects the increased services and associated volumes.

4.3. HYDRO OTTAWA SHARED CORPORATE SERVICES TO CDM

The $0.5M decrease in the value of services provided by Hydro Ottawa and the Holding Company to CDM, respectively, between the 2018 Actual and 2021 Test Year was due to the phasing-out of the provincial CDM framework, as described in section 1 above.

4.4. HOLDING COMPANY SHARED CORPORATE SERVICES TO HYDRO OTTAWA

The value of services provided by the Holding Company to Hydro Ottawa remained relatively stable with a slight drop in 2018, mainly due to staff vacancies at the Holding Company and reduced requirements for consulting and legal services during that year.

5. RECONCILIATION OF REVENUE IN APPENDIX 2-N

The Filing Requirements stipulate that distributors must provide a reconciliation of the revenue in Appendix 2-N to the amounts included in Table 8 in Exhibit 3-2-1: Other Revenue Summary.[4]

Table 5 below summarizes the revenues earned and forecasted by Hydro Ottawa from the Holding Company, Energy Ottawa, and Envari for the period 2016-2021. These figures are also provided in Table 8 in Exhibit 3-2-1: Other Revenue Summary. The amounts listed in “Others” are not shared services allocations; rather, they are services billed directly to the affiliates. Examples include flood restoration work provided by Hydro Ottawa to Energy Ottawa.

[4] Appendix 2-N is appended to this Schedule as Attachment 4-2-1(A): OEB Appendix -2N - Shared Services and Corporate Cost Allocation.

Table 5 – Total Affiliate Services Revenue Earned by Hydro Ottawa ($'000s)

Provided By	Provided To		Historical			Bridge		Test
			2016	2017	2018	2019	2020	2021
Hydro Ottawa	Holding Company	Shared Services	$862	$687	$1,082	$1,330	$1,450	$1,487
		Others		$4	$11	$0	$0	$0
		Total	$862	$691	$1,093	$1,330	$1,450	$1,487
Hydro Ottawa	Energy Ottawa	Shared Services	$1,201	$2,618	$2,715	$1,652	$1,670	$1,712
		Others	$156	$527	$282	$504	$0	$0
		Total	$1,357	$3,145	$2,997	$2,156	$1,670	$1,712
Hydro Ottawa	Envari	Shared Services	$0	$0	$0	$1,457	$1,563	$1,602
		Others	$0	$0	$0	$231	$0	$0
		Total	$0	$0	$0	$1,688	$1,563	$1,602
TOTAL			**$2,219**	**$3,835**	**$4,090**	**$5,175**	**$4,683**	**$4,800**

6. BOARD OF DIRECTORS COSTS

The Filing Requirements stipulate that distributors must identify any Board of Directors-related costs for affiliates that are included in the distributors' own costs. Hydro Ottawa confirms that there are no Board of Directors-related costs for affiliated entities included in its costs.

Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2016

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
HOL	HOHI	Communications	Cost	$79,722	$79,722
HOL	HOHI	Facilities	Market/Cost	$238,441	$127,795
HOL	HOHI	Finance	Cost	$170,008	$170,008
HOL	HOHI	Human Resources	Cost	$128,904	$128,904
HOL	HOHI	Information Technology	Cost	$229,869	$229,869
HOL	HOHI	Legal	Cost	$15,000	$15,000
Total Charged HOL to HOHI				**$861,944**	**$751,298**
HOL	EO	Administration Support	Cost	$48,145	$48,145
HOL	EO	Communications	Cost	$38,993	$38,993
HOL	EO	Facilities	Market/Cost	$88,389	$62,078
HOL	EO	Finance	Cost	$115,017	$115,017
HOL	EO	Human Resources, Safey, Environment and Business Continuity Management	Cost	$244,119	$244,119
HOL	EO	Information Technology	Cost	$459,738	$459,738
HOL	EO	Meter Data Services	Market	$73,453	*
HOL	EO	Mechanic Services	Cost	$132,867	$132,867
Total Charged HOL to EO				**$1,200,721**	**$1,100,957**
HOL	CDM	Human Resources	Cost	$105,358	$105,358
HOL	CDM	Facilities	Market/Cost	$50,373	$30,810
HOL	CDM	Information Technology	Cost	$187,880	$187,880
HOL	CDM	Finance	Cost	$118,536	$118,536
HOL	CDM	Communications	Cost	$32,820	$32,820
HOL	CDM	Fleet	Cost	$8,544	$8,544
Total Charged HOL to CDM				**$503,511**	**$483,948**

* Meter Data Services costs related to Energy Ottawa are considered immaterial and not practicable to determine

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
HOHI	HOL	Management Services	Cost	46%	$570,000
HOHI	HOL	Finance, Internal Audit & Enterprise Risk Mgt	Cost	63%	$1,220,000
HOHI	HOL	Human Resources	Cost	92%	$690,000
HOHI	HOL	Treasury	Cost	66%	$260,000
HOHI	HOL	Corporate Communications	Cost	36%	$455,760
HOHI	HOL	Legal, Corporate Admin	Cost	38%	$240,000
HOHI	HOL	Information Management & Technology	Cost	60%	$320,000
Total Charged from HOHI to HOL					**$3,755,760**
HOHI	CDM	Management Services	Cost	14%	$175,060
Total Charged from HOHI to CDM					**$175,060**

Note:

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· ***Type of Service:***

Services such as billing, accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

· ***Pricing Methodology:***

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.

· ***% Allocation:***

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Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2017

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
HOL	HOHI	Communications	Cost	$21,130	$21,130
HOL	HOHI	Facilities	Market/Cost	$119,806	$63,543
HOL	HOHI	Finance	Cost	$41,113	$41,113
HOL	HOHI	Human Resources	Cost	$141,807	$141,807
HOL	HOHI	Information Technology	Cost	$357,451	$357,451
HOL	HOHI	Legal	Cost	$5,688	$5,688
Total Charged HOL to HOHI				**$686,995**	**$630,732**
HOL	EO	Administration Support	Cost	$76,780	$76,780
HOL	EO	Communications	Cost	$269,493	$269,493
HOL	EO	Facilities	Market/Cost	$123,068	$80,393
HOL	EO	Finance	Cost	$1,196,367	$1,196,367
HOL	EO	Human Resources, Safey, Environment and Business Continuity Management	Cost	$134,908	$134,908
HOL	EO	Information Technology	Cost	$516,867	$516,867
HOL	EO	Legal	Cost	$58,338	$58,338
HOL	EO	Meter Data Services	Market	$73,385	*
HOL	EO	Mechanic Services	Cost	$169,200	$169,200
Total Charged HOL to EO				**$2,618,406**	**$2,502,346**
HOL	CDM	Human Resources	Cost	$83,430	$83,430
HOL	CDM	Facilities	Market/Cost	$59,618	$32,290
HOL	CDM	Information Technology	Cost	$219,565	$219,565
HOL	CDM	Finance	Cost	$182,665	$182,665
HOL	CDM	Communications	Cost	$64,456	$64,456
HOL	CDM	Fleet	Cost	$8,544	$8,544
Total Charged HOL to CDM				**$618,278**	**$590,950**

* Meter Data Services costs related to Energy Ottawa are considered immaterial and not practicable to determine

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
HOHI	HOL	Management Services	Cost	46%	$570,000
HOHI	HOL	Finance, Internal Audit & Enterprise Risk Mgt	Cost	65%	$1,270,000
HOHI	HOL	Human Resources	Cost	92%	$820,000
HOHI	HOL	Treasury	Cost	66%	$260,000
HOHI	HOL	Corporate Communications	Cost	33%	$363,215
HOHI	HOL	Legal, Corporate Admin	Cost	38%	$240,000
HOHI	HOL	Information Management & Technology	Cost	45%	$270,000
Total Charged from HOHI to HOL					**$3,793,215**
HOHI	CDM	Management Services	Cost	10%	$106,785
Total Charged from HOHI to CDM					**$106,785**

Note:

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· ***% Allocation:***

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Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2018

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
HOL	HOHI	Communications	Cost	$234,981	$234,981
HOL	HOHI	Facilities	Market/Cost	$130,939	$71,421
HOL	HOHI	Finance	Cost	$41,642	$41,642
HOL	HOHI	Human Resources	Cost	$150,465	$150,465
HOL	HOHI	Information Technology	Cost	$325,518	$325,518
HOL	HOHI	Legal	Cost	$9,048	$9,048
HOL	HOHI	Regulatory	Cost	$139,811	$139,811
HOL	HOHI	Electricity Distribution Management	Cost	$49,580	$49,580
Total Charged HOL to HOHI				**$1,081,984**	**$1,022,466**
HOL	EO	Electricity Distribution Management	Cost	$49,580	$49,580
HOL	EO	Communications	Cost	$413,215	$413,215
HOL	EO	Facilities	Market/Cost	$118,036	$63,903
HOL	EO	Finance	Cost	$972,916	$972,916
HOL	EO	Fleet	Cost	$11,731	$11,731
HOL	EO	Human Resources, Safey, Environment and Business Continuity Management	Cost	$394,771	$394,771
HOL	EO	Information Technology	Cost	$488,280	$488,280
HOL	EO	Legal	Cost	$31,316	$31,316
HOL	EO	Meter Data Services	Market	$77,617	*
HOL	EO	Mechanic Services	Cost	$157,282	$157,282
Total Charged HOL to EO				**$2,714,744**	**$2,582,994**
HOL	CDM	Human Resources	Cost	$107,830	$107,830
HOL	CDM	Facilities	Market/Cost	$65,470	$35,711
HOL	CDM	Information Technology	Cost	$244,140	$244,140
HOL	CDM	Finance	Cost	$149,642	$149,642
HOL	CDM	Communications	Cost	$68,076	$68,076
HOL	CDM	Fleet	Cost	$17,784	$17,784
Total Charged HOL to CDM				**$652,942**	**$623,183**

* Meter Data Services costs related to Energy Ottawa are considered immaterial and not practicable to determine

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
HOHI	HOL	Management Services	Cost	56%	$685,479
HOHI	HOL	Finance, Internal Audit & Enterprise Risk Mgt	Cost	53%	$970,752
HOHI	HOL	Human Resources	Cost	80%	$463,026
HOHI	HOL	Treasury	Cost	73%	$102,694
HOHI	HOL	Corporate Communications	Cost	58%	$546,685
HOHI	HOL	Legal, Corporate Admin	Cost	23%	$142,444
HOHI	HOL	Information Management & Technology	Cost	45%	$311,256
Total Charged from HOHI to HOL					**$3,222,336**
HOHI	CDM	Management Services	Cost	11%	$92,207
Total Charged from HOHI to CDM					**$92,207**

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Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2019

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
HOL	HOHI	Electricity Distribution Management	Cost	$49,044	$49,044
HOL	HOHI	Communications	Cost	$268,851	$268,851
HOL	HOHI	Facilities	Market/Cost	$168,645	$87,629
HOL	HOHI	Finance	Cost	$116,153	$116,153
HOL	HOHI	Human Resources	Cost	$199,209	$199,209
HOL	HOHI	Information Technology	Cost	$426,866	$426,866
HOL	HOHI	Legal	Cost	$9,984	$9,984
HOL	HOHI	Regulatory	Cost	$91,638	$91,638
Total Charged HOL to HOHI				**$1,330,390**	**$1,249,374**
HOL	EO	Electricity Distribution Management	Cost	$24,519	$24,519
HOL	EO	Communications	Cost	$215,125	$215,125
HOL	EO	Facilities	Market/Cost	$20,736	$11,781
HOL	EO	Finance	Cost	$416,472	$416,472
HOL	EO	Human Resources, Safey, Environment and Business Continuity Management	Cost	$214,333	$214,333
HOL	EO	Information Technology	Cost	$505,500	$505,500
HOL	EO	Legal	Cost	$24,960	$24,960
HOL	EO	Regulatory Affairs	Cost	$45,816	$45,816
HOL	EO	Meter Data Services	Market	$18,600	*
HOL	EO	Mechanic Services	Cost	$166,339	$166,339
Total Charged HOL to EO				**$1,652,400**	**$1,624,845**
HOL	CDM	Human Resources	Cost	$85,186	$85,186
HOL	CDM	Facilities	Market/Cost	$38,517	$15,635
HOL	CDM	Information Technology	Cost	$182,538	$182,538
HOL	CDM	Finance	Cost	$60,000	$60,000
HOL	CDM	Communications	Cost	$68,076	$68,076
HOL	CDM	Fleet	Cost	$6,936	$6,936
Total Charged HOL to CDM				**$441,253**	**$418,371**
HOL	Envari	Electricity Distribution Management	Cost	$24,519	$24,519
HOL	Envari	Communications	Cost	$215,125	$215,125
HOL	Envari	Facilities	Market/Cost	$89,090	$53,507
HOL	Envari	Finance	Cost	$266,942	$266,942
HOL	Envari	Fleet	Cost	$11,734	$11,734
HOL	Envari	Human Resources	Cost	$209,690	$209,690
HOL	Envari	Information Technology	Cost	$449,331	$449,331
HOL	Envari	Key Accounts	Cost	$60,370	$60,370
HOL	Envari	Legal	Cost	$24,960	$24,960
HOL	Envari	Regulatory	Cost	$45,816	$45,816
HOL	Envari	Data Services	Cost	$58,950	$58,950
Total Charged HOL to Envari				**$1,456,527**	**$1,420,944**

* Meter Data Services costs related to Energy Ottawa are considered immaterial and not practicable to determine

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
HOHI	HOL	Management Services	Cost	56%	$806,789
HOHI	HOL	Finance, Internal Audit & Enterprise Risk Mgt	Cost	56%	$1,223,927
HOHI	HOL	Human Resources	Cost	80%	$552,606
HOHI	HOL	Treasury	Cost	73%	$102,694
HOHI	HOL	Corporate Communications	Cost	48%	$635,455
HOHI	HOL	Legal, Corporate Admin	Cost	21%	$175,909
HOHI	HOL	Information Management & Technology	Cost	45%	$312,686
Total Charged from HOHI to HOL					**$3,810,066**
HOHI	CDM	Management Services	Cost	9%	$118,291
Total Charged from HOHI to CDM					**$118,291**

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Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2020

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	To			$	$
HOL	HOHI	Electricity Distribution Management	Cost	$53,330	$53,330
HOL	HOHI	Communications	Cost	$236,781	$236,781
HOL	HOHI	Facilities	Market/Cost	$215,451	$118,800
HOL	HOHI	Finance	Cost	$17,770	$17,770
HOL	HOHI	Human Resources	Cost	$196,225	$196,225
HOL	HOHI	Information Technology	Cost	$515,803	$515,803
HOL	HOHI	Legal	Cost	$9,101	$9,101
HOL	HOHI	Regulatory	Cost	$205,928	$205,928
Total Charged HOL to HOHI				**$1,450,389**	**$1,353,738**
HOL	EO	Communications	Cost	$187,177	$187,177
HOL	EO	Facilities	Market/Cost	$27,318	$15,627
HOL	EO	Finance	Cost	$466,908	$466,908
HOL	EO	Human Resources, Safey, Environment and Business Continuity Management	Cost	$217,072	$217,072
HOL	EO	Information Technology	Cost	$473,981	$473,981
HOL	EO	Legal	Cost	$22,754	$22,754
HOL	EO	Regulatory Affairs	Cost	$102,964	$102,964
HOL	EO	Meter Data Services	Market	$18,600	*
HOL	EO	Mechanic Services	Cost	$153,117	$153,117
Total Charged HOL to EO				**$1,669,891**	**$1,639,600**
HOL	CDM	HR	Cost	$35,385	$35,385
HOL	CDM	Facilities	Market/Cost	$17,697	$9,025
HOL	CDM	Information Technology	Cost	$75,825	$75,825
HOL	CDM	Finance	Cost	$33,000	$33,000
HOL	CDM	Communications	Cost	$27,335	$27,335
Total Charged HOL to CDM				**$189,242**	**$180,570**
HOL	Envari	Electricity Distribution Management	Cost	$26,665	$26,665
HOL	Envari	Communications	Cost	$187,177	$187,177
HOL	Envari	Facilities	Market/Cost	$122,734	$74,648
HOL	Envari	Finance	Cost	$180,290	$180,290
HOL	Envari	Fleet	Cost	$11,731	$11,731
HOL	Envari	Human Resources	Cost	$217,439	$217,439
HOL	Envari	Information Technology	Cost	$571,566	$571,566
HOL	Envari	Key Accounts	Cost	$60,747	$60,747
HOL	Envari	Legal	Cost	$22,754	$22,754
HOL	Envari	Regulatory	Cost	$102,964	$102,964
HOL	Envari	Data Services	Cost	$58,560	$58,560
Total Charged HOL to Envari				**$1,562,627**	**$1,514,541**

* Meter Data Services costs related to Energy Ottawa are considered immaterial and not practicable to determine

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	To			%	$
HOHI	HOL	Management Services	Cost	50%	$684,969
HOHI	HOL	Finance, Internal Audit & Enterprise Risk Mgt	Cost	57%	$1,148,327
HOHI	HOL	Human Resources	Cost	80%	$550,297
HOHI	HOL	Treasury	Cost	66%	$91,705
HOHI	HOL	Corporate Communications	Cost	57%	$746,473
HOHI	HOL	Legal, Corporate Admin	Cost	20%	$179,766
HOHI	HOL	Information Management & Technology	Cost	45%	$321,179
Total Charged from HOHI to HOL					**$3,722,716**
HOHI	CDM	Management Services	Cost	3%	$45,898
Total Charged from HOHI to CDM					**$45,898**

Note:

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· ***% Allocation:***

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Appendix 2-N
Shared Services and Corporate Cost Allocation [1]

Year: 2021

Shared Services

Name of Company		Service Offered	Pricing Methodology	Price for the Service	Cost for the Service
From	**To**			**$**	**$**
HOL	HOHI	Electricity Distribution Management	Cost	$54,663	$54,663
HOL	HOHI	Communications	Cost	$242,701	$242,701
HOL	HOHI	Facilities	Market/Cost	$220,837	$121,770
HOL	HOHI	Finance	Cost	$18,214	$18,214
HOL	HOHI	Human Resources	Cost	$201,131	$201,131
HOL	HOHI	Information Technology	Cost	$528,698	$528,698
HOL	HOHI	Legal	Cost	$9,329	$9,329
HOL	HOHI	Regulatory	Cost	$211,076	$211,076
Total Charged HOL to HOHI				**$1,486,649**	**$1,387,582**
HOL	EO	Communications	Cost	$191,856	$191,856
HOL	EO	Facilities	Market/Cost	$28,001	$16,018
HOL	EO	Finance	Cost	$478,581	$478,581
HOL	EO	Human Resources, Safey, Environment and Business Continuity Management	Cost	$222,499	$222,499
HOL	EO	Information Technology	Cost	$485,831	$485,831
HOL	EO	Legal	Cost	$23,322	$23,322
HOL	EO	Regulatory Affairs	Cost	$105,538	$105,538
HOL	EO	Meter Data Services	Market	$19,065	*
HOL	EO	Mechanic Services	Cost	$156,945	$156,945
Total Charged HOL to EO				**$1,711,638**	**$1,680,590**
HOL	CDM	Human Resources	Cost	$6,553	$6,553
HOL	CDM	Facilities	Market/Cost	$2,740	$1,397
HOL	CDM	Information Technology	Cost	$14,042	$14,042
HOL	CDM	Finance	Cost	$8,250	$8,250
HOL	CDM	Communications	Cost	$3,154	$3,154
Total Charged HOL to CDM				**$34,739**	**$33,396**
HOL	Envari	Electricity Distribution Management	Cost	$27,332	$27,332
HOL	Envari	Communications	Cost	$191,856	$191,856
HOL	Envari	Facilities	Market/Cost	$125,803	$76,515
HOL	Envari	Finance	Cost	$184,797	$184,797
HOL	Envari	Fleet	Cost	$12,024	$12,024
HOL	Envari	Human Resources	Cost	$222,875	$222,875
HOL	Envari	Information Technology	Cost	$585,855	$585,855
HOL	Envari	Key Accounts	Cost	$62,265	$62,265
HOL	Envari	Legal	Cost	$23,322	$23,322
HOL	Envari	Regulatory	Cost	$105,538	$105,538
HOL	Envari	Data Services	Cost	$60,024	$60,024
Total Charged HOL to Envari				**$1,601,691**	**$1,552,403**

* Meter Data Services costs related to Energy Ottawa are considered immaterial and not practicable to determine

Corporate Cost Allocation

Name of Company		Service Offered	Pricing Methodology	% of Corporate Costs Allocated	Amount Allocated
From	**To**			**%**	**$**
HOHI	HOL	Management Services	Cost	50%	$702,093
HOHI	HOL	Finance, Internal Audit & Enterprise Risk Mgt	Cost	57%	$1,177,035
HOHI	HOL	Human Resources	Cost	80%	$564,054
HOHI	HOL	Treasury	Cost	66%	$93,997
HOHI	HOL	Corporate Communications	Cost	57%	$765,135
HOHI	HOL	Legal, Corporate Admin	Cost	20%	$184,261
HOHI	HOL	Information Management & Technology	Cost	45%	$329,208
Total Charged from HOHI to HOL					**$3,815,783**
HOHI	CDM	Management Services	Cost	1%	$11,475
Total Charged from HOHI to CDM					**$11,475**

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1 **This appendix must be completed in relation to each service provided or received for the Historical (actuals), Bridge and Test years. The required information includes:**

· ***Type of Service:***

Services such as billing, accounting, payroll, etc. The applicant must identify any costs related to the Board of Directors of the parent company that are allocated to the applicant.

· ***Pricing Methodology:***

Pricing Methodology includes approaches such as cost-base, market-base, tendering, etc. The applicant must provide evidence demonstrating the pricing methodology used. The applicant must also provide a description of why that pricing methodology was chosen, whether or not it is in conformity with ARC, and why it is appropriate.

· ***% Allocation:***

The applicant must provide the percentage of the costs allocated to the entity for the service being offered. The Applicant must also provide a description of the allocator and why it is an appropriate allocator.

PURCHASES OF NON-AFFILIATE SERVICES

1. INTRODUCTION

In accordance with section 2.4.3.3 of the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019, this Schedule provides information on Hydro Ottawa's procurement policy and competitive tendering process. In addition, this Schedule provides confirmation that Hydro Ottawa's purchases of non-affiliate services comply with this policy and process.

2. PROCUREMENT PROCESS

Hydro Ottawa's procurement policy is appended to this Application as Attachment 4-2-2(A): Procurement Policy. The policy stipulates that all acquisitions shall be supported by purchase orders, with noted exceptions such as utilities and taxes, as defined by the policy.

The utility's procurement policy identifies the following objectives:

- Establish an efficient process for the purchase of quality goods and services;
- Ensure favourable prices are obtained to maximize the value of all purchases for Hydro Ottawa stakeholders;
- Ensure Hydro Ottawa procures all goods and services from reputable/ethical vendors;
- Support the protection of the environment;
- Ensure fair, open, transparent, and accountable competitive processes are followed in the acquisition of goods and services; and
- Ensure compliance with all applicable laws and regulations.

Spending authority is exercised pursuant to a defined corporate policy (see Attachment 4-2-2(B): Approval Authority for Procurements and Disbursements) and is controlled by electronic workflow embedded in the utility's enterprise resource planning ("ERP") system.

Hydro Ottawa ensures consistency and accountability in major procurement contracts through a formally defined procedure governing the procurement process for contracting goods and services. Please see Attachment 4-2-2(C): Procurement Process for further details.

2.1. PROCUREMENT METHODS

2.1.1. RFx – Competitive Vehicles for Awarding Business

Hydro Ottawa utilizes a variety of options for competitive procurement purposes, including the following:

- RFP – Request for Proposals
- RFSO – Request for Standing Offers
- RFQ – Request for Quotations
- RFSA – Request for Supply Arrangements
- RFPQ – Request for Pre-Qualification

2.1.2. Strategic Alliances

Strategic alliances for procurement purposes consist of competitively-based, long-term commercial partnerships. Alliance suppliers hold the inventory, positioning Hydro Ottawa to take delivery only when ready to proceed with the related projects. All residential transformers and underground cable are delivered in this manner. In addition, some commercial transformers and poles for new or replacement pole lines, as well as some pole-line hardware and connectors are procured through this method. Regular forecast sessions enable the supplier to work their supply channels to pipeline material to meet projected need dates, with minimal commitment on Hydro Ottawa's part.

2.1.3. Sole Source/Directed Source

This method involves instances in which the competitive procurement process is waived for compelling business reasons. Please refer to Attachment 4-2-2(A): Procurement Policy for a detailed description of the circumstances under which these purchases are permissible and how they are authorized. In addition, a definition for each term (Sole Source and Directed Source) is provided in the section below.

3. MATERIAL SOLE SOURCE AND DIRECTED SOURCE PURCHASES UNDER PROCUREMENT POLICY

Hydro Ottawa defines a “Sole Source” procurement as one in which there is only one identifiable source for a given good or service. Examples include commercial monopolies, existing engagements, and support for owned software. These procurements require advance approval from the utility’s Procurement group to ensure that applicable conditions are truly met.

“Directed Source” procurements are defined as procurements in which there is more than one identifiable source for a given good or service, but for which there are compelling business reasons why the selected vendor is not determined by a competitive process. The chief examples of Directed Source procurements are those in which the following conditions are met:

- The need is one of pressing urgency and must be addressed quickly to alleviate a threat to one or more of the following:
    - Health, safety, or welfare of Hydro Ottawa employees and/or the public;
    - Hydro Ottawa and/or public property; and
    - Essential services.
- The time, effort, and expense of a competitive procurement are not justified given the nature of the goods or services being acquired.
- The need is a follow-on to a previously acquired good or service, is price competitive, and is most appropriately provided by the original supplier.

As described in Hydro Ottawa’s procurement and approval policies, these Directed Source procurements require an elevated level of approval by Procurement and the relevant Business Unit prior to the normal budget approval and the execution of any subsequent contract or Purchase Order.

Tables 1 through 3 below summarize the purchases of non-affiliate services for the 2016-2018 period for which Hydro Ottawa exercised either the Sole Source or Directed Source provisions in its procurement policy. The total costs are those costs paid to the suppliers in each year, excluding tax. Suppliers have been included in the list if the total purchases exceeded $750K per year. In the Tables, adjacent to the column in which each supplier is identified is a column that specifies the type(s) of procurement method employed (i.e. Sole Source or Directed Source). Other than the use of Sole Source and Directed Source procurements as permitted under the utility's procurement policy, there were no material exceptions to the policy during this timeframe.

Table 1 – Material Sole Source and Directed Source Purchases (2016)

Procurement Method	Supplier	Service / Product	Cost
Directed Source	Concentrix Services (Canada) Limited	Contact Centre Services	$2,123,986
Directed Source	Cresa Toronto Inc.,Brokerage	Real Estate Consulting	$1,072,974
Directed Source	Custom Control Panels Inc.	Station P&C Houses[1]	$1,921,653
Directed Source	Mid-Range Computer Group Inc	ERP Consulting Services	$993,138
Directed Source	Promark Telecon Inc.	UG Cable Location Services[2]	$1,823,067
Directed Source	Stoneworks Technologies Inc.	Data Migration Services	$888,663
Sole Source	Combat Networks	Telephony Installation & Support	$1,790,232
Sole Source	Elster Solutions Canada Inc	Metering	$5,941,196
Sole Source	HONI Accounts Receivable Unit[3]	CCRAs/LTLTs/Line Work[4]	$2,018,640
Sole Source	Oracle Canada ULC	Software Support and Enhancements	$4,807,018

[1] "P&C" stands for Protection & Control.
[2] "UG" stands for underground.
[3] "HONI" stands for Hydro One Networks Inc.
[4] "CCRA" stands for Connection Cost Recovery Agreement. "LTLT" stands for Long-Term Load Transfer.

Table 2 – Material Sole Source and Directed Source Purchases (2017)

Procurement Method	Supplier	Service / Product	Cost
Directed Source	Custom Control Panels Inc.	Station P&C Houses	$772,577
Directed Source	Mid-Range Software Services Inc.	ERP Consulting Services	$2,970,959
Directed Source	Sproule Powerline Construction	General OH & UG Line Work[5]	$2,010,825
Directed Source	verTerra Corp.	Project Management	$1,006,012
Sole Source	Combat Networks	Telephony Installation & Support	$1,490,886
Sole Source	Elster Solutions Canada Inc	Metering	$1,345,505
Sole Source	Intergraph Canada Ltd.	Software Sales & Support	$750,528

Table 3 – Material Sole Source and Directed Source Purchases (2018)

Procurement Method	Supplier	Service / Product	Cost
Directed Source	Custom Control Panels Inc.	Station P&C Houses	$1,988,874
Directed Source	Lourenco & Botelho Inc.	Civil Construction & Maintenance	$2,495,336
Directed Source	Marathon Drilling Co. Ltd.	Civil Construction Services	$3,146,631
Directed Source	Sproule Powerline Construction	General OH & UG Line Work	$947,122
Directed Source	verTerra Corp.	Project Management	$2,694,889
Sole Source	Elster Solutions Canada Inc	Metering	$1,369,588
Sole Source	Intergraph Canada Ltd.	Software Support and Enhancements	$904,462
Sole Source	Oracle Canada ULC	Software Support and Enhancements	$2,558,316

[5] "OH" stands for overhead.

HYDRO OTTAWA CORPORATE POLICY

Subject: Procurement		
Category: Finance	**Policy Number**: POL-Fi-003.01	
Administrator: Director of Finance	**Owner:** Chief Financial Officer	**Approver:** President and CEO

1. PURPOSE

The purpose of this policy is to document the principles that govern the acquisition of goods and services by Hydro Ottawa.

The objectives of the Procurement Policy are to:

- Establish an efficient process for the purchase of quality goods and services;
- Ensure favourable prices are obtained to maximize the value of all purchases for Hydro Ottawa stake-holders;
- Ensure Hydro Ottawa procures all goods and services from reputable/ethical vendors;
- Support the protection of the environment;
- Ensure fair, open, transparent and accountable competitive processes are followed in the acquisition of goods and services; and
- Ensure compliance with all applicable laws and regulations.

2. SCOPE

All employees of Hydro Ottawa.

3. DEFINITIONS

Call-Ups are requests to purchase goods and services available for sale under a Standing Offer.
Hydro Ottawa refers to Hydro Ottawa Holding Inc. and its affiliates
Emergency is defined as a sudden, urgent, unexpected occurrence or occasion requiring immediate action.
Low Dollar Value is defined as ≤ $2,000.
Inventory Items are materials that are routinely ordered/tracked by Procurement and issued to field operations for construction and maintenance activities.
Invoices without Reference are invoices for goods and services that have not been pre-authorized by a purchase order and/or vendor contract.
A ***Non-Competitive Procurement***, in the context of this policy, refers to an acquisition from a:

i. Sole Source, where there is only one identifiable source for a given good or service, or a
ii. Directed Source, where there is more than one identifiable source for a given good or service, but there are compelling reasons why the selected vendor is not determined by an open competition.

Non-Inventory Items are goods and services Hydro Ottawa business entities purchase either directly from a vendor or through the assistance of the Procurement function.
Personal Payments refer to "out of pocket" business expenditures paid for by employees through cash, personal debit/credit card or personal cheque transactions.
Procurement (Unit) is defined as the individual or team of individuals responsible for the Procurement function within Hydro Ottawa.
A ***Standing Offer*** agreement is an offer from a vendor to supply "on demand" goods and services at pre-arranged prices under negotiated terms and conditions.

4. POLICY DIRECTIVES

a. Purchases of goods and services are categorized as follows:

Inventory Items:

Items that are purchased solely by Procurement on a recurring basis to service corporate programs.

Non-Inventory Items:

i. Goods and services acquired by Procurement on behalf of Hydro Ottawa Business entities using the following purchasing vehicles:
   - Standing Offers
     - Where Standing Offers are in place, they are the preferred procurement vehicle for the purchase of related goods and services
     - Business Units may elect to seek competitive quotations from existing Standing Offer suppliers for Call-Up values greater than $100,000
   - Request for Proposal, Quotation and/or Tender
     - For values greater than $5,000 to a maximum of $50,000, Procurement will obtain a minimum of two oral or written competitive quotations
     - For values over $50,000 Procurement will obtain a minimum of three written competitive quotations

     Note: Following the selection of the winning supplier a Purchase Order and/or vendor contract will be issued by Procurement.

ii. Goods and services > $2,000 that can be acquired without the requirement of a Purchase Order and/or vendor contract (Reference Annex 1 – Schedule 6 and 7 of Hydro Ottawa's Approval Authority policy)

iii. Low Dollar Value goods and services that Hydro Ottawa business entities purchase directly from vendors using the following purchase vehicles:
   - Hydro Ottawa Credit Card
   - Personal Payment

   Note: Low Dollar Value purchases do not require Purchase Orders/competitive quotations.

b. Procurement is responsible for ensuring that goods and services are acquired using the appropriate procurement method.

c. Approvals for the purchase of all goods and services will be in accordance with Hydro Ottawa's Approval Authority policy.

d. With the exception of Standing Offers and emergency purchases, POs initiated after the provision of goods or services and/or the receipt of supplier invoices are a serious violation of this policy and will:

   i. Require the approval of the related Sponsoring Executive Team Member

   ii. Be reported on a quarterly basis to senior Divisional management

e. Vendor proposals for the provision of goods will be assessed using a minimum 50% weighting factor for price.

f. Vendor proposals for the provision of services will be assessed using a minimum 30% weighting factor for price.

g. When appropriate, proposal evaluations will include environmental impact as part of the assessment criteria.

h. Non-financial proposal evaluation criteria will be jointly set by Procurement and the Requisitioner.

i. In the case of criteria disputes, and to ensure the competitive procurement is conducted in a fair, open and transparent manner, the Chief Financial Officer will make the final decision

j. The use of any non-standard terms and conditions relating to Hydro Ottawa procurement documentation requires prior approval by the Legal group.

k. Purchase requests must include the full scope of any given engagement to maintain appropriate approval levels. The splitting of purchase requests into multiple Purchase Orders to reduce the approval level required is a serious violation of this policy.

l. Requests to amend released contract agreements/Purchase Orders must be properly documented before Procurement proceeds with amendments. The following items must be considered

i. A revised requisition must be submitted/approved per Hydro Ottawa's Approval Authority policy detailing the reasons for the required changes,
ii. Revisions requested for greater than 50% of the original Purchase Order/contract value must be submitted to the Manager, Supply Chain for pre-approval.
iii. Requests for material changes in scope as defined in the original Purchase Order/contract may require a new competitive procurement process at Procurement's discretion.

m. The maximum term of a base vendor contract (excluding extensions) is limited to 3 years. Optional contract extensions are limited to an 2 additional years and extensions must be approved to the total cumulative value of the extended engagement according to POL-Fi-010 Annex To Approval Authority Policy Schedule 1. Optional extensions do not include auto-renewal provisions. Base contracts beyond 3 years and/or extensions beyond 2 option years require the joint approval of the sponsoring EMT member and Chief Financial Officer.
n. Employees involved in both competitive and non-competitive procurements must comply with Hydro Ottawa's conflict of interest guidelines as defined in Hydro Ottawa's Code of Business Conduct.

5. RELATED POLICIES, PROCEDURES and REFERENCE DOCUMENTS

Approval Authority Policy (POL-Fi-010)
Hydro Ottawa Corporate Credit Card Policy (POL-Fi-001)
Business Expense Reimbursement Policy (POL-Fi-005)
Request to Direct Source Goods and Services Form
Hydro Ottawa's Code of Business Conduct
Contractor OHSE Requirements (WI-MS-002)

6. EXCLUSIONS

Non-Competitive Procurements

Examples of when the competitive procurement process may be waived are as follows:

i. The need is one of pressing urgency and must be addressed quickly to alleviate a threat to:
  - the health, safety or welfare of Hydro Ottawa employees and/or the public
  - Hydro Ottawa and/or public property
  - essential services

  Note: During emergency situations it is understood urgently needed goods and services may be services may be procured without the issuance of a purchase order.
ii. The time, effort and expense of a competitive procurement are not justified given the nature of the goods or services being acquired.
  Example: The provision of price competitive professional services from an embedded vendor who, through a long standing relationship with Hydro Ottawa, has an in-depth understanding of the corporation's business needs/requirements
iii. There is only one qualified supplier capable of supplying the required good or service
iv. There are pre-requisites to quoting that can only be satisfied by one supplier
v. The need is a follow-on to a previously acquired good or service and, if price competitive, is most appropriately provided by the original contractor
vi. The value of the good or service being acquired does not exceed $5,000

Non-Competitive Procurement Approval Requirements

i. SOLE SOURCE procurements require prior authorization in accordance with Annex 1 – Schedule 1 of Hydro Ottawa's Approval Authority policy

ii. DIRECTED SOURCE procurements require authorization in accordance with Annex 1 – Schedule 4 of Hydro Ottawa's Approval Authority policy

Note:

1. The cost of known follow-on support activity (to the maximum duration of the agreement) associated with a Directed Source procurement should be included in the initial total purchase value to avoid duplication in approval requests (e.g. annual hardware/software maintenance, ongoing software support, quarterly/yearly audits etc.). After the maximum agreement duration, a decision to continue with the follow-on support requires re-approval in accordance with Hydro Ottawa's Approval Authority policy.

2. A Request To Direct Source Goods and Services Form must be completed to justify all Directed Source acquisitions of goods or services in excess of $5,000.
Note: Hydro Ottawa management approvals are not required when the non-competitive procurement has been authorized by Hydro Ottawa's Board of Directors and/or its committees.

7. ADDITIONAL POLICY ELEMENTS

Requisitioner's Responsibilities:

i. Provide sufficient lead time for the processing of procurement documentation
ii. Initiate a Purchase Requisition in JDE and, through the imbedded workflow, secure approval to purchase. For requisitions >$5,000,000 the Requisition Summary Form must be completed and attached to the requisition in the ERP system. In some cases divisional chiefs may request this form to be completed for requisitions <$5,000,000 as well.
iii. Develop the Statement of Requirements or detailed Specification as applicable to the requirement and the acquisition method
iv. Work collaboratively with Procurement to define the non-financial proposal evaluation criteria/weighting and the selection process as appropriate to the acquisition method
v. In conjunction with Procurement, evaluate suppliers' proposals in accordance with the pre-determined evaluation criteria/weighting

Procurement's Responsibilities:

i. Act as custodian of the Procurement Policy and all associated procurement procedures and in so doing:
   - Monitor conformance with the policy and procedures
   - Reject any Purchase Requisitions which, in the opinion of Procurement, do not comply with this policy and supporting procedures
   - Raise any incidents of non-compliance through the Procurement management hierarchy for resolution
ii. Provide advice and guidance to internal customers and work collaboratively with them during the procurement process to:
   - Determine the most appropriate acquisition method
   - Establish the non-financial proposal evaluation criteria/weighting and the selection process as appropriate to the procurement method
   - Prepare the solicitation documents including the Statement of Requirements or detailed Specifications
   - Evaluate supplier submissions including the completion of a vendor risk assessment and validation of compliance with Hydro Ottawa's Contractor OHSE Management Program (Reference Contractor OHSE Requirements – WI-MS-002)
   - Ensure proposal prerequisites are fair and objective
iii. Identify/validate Sole Source (vs. Directed Source) procurements
iv. Work collaboratively with internal customers to determine opportunities to aggregate purchases and establish vehicles for the acquisition of common buys
v. Routinely inform internal customers about the availability of Standing Offers, supply arrangements and supplier source lists for the acquisition of goods or services
vi. Assess the complexity and risk of purchases to determine when vendor contracts are required and interface with Legal accordingly

vii. Debrief unsuccessful suppliers, in consultation with internal customers if requested by a supplier
viii. Work collaboratively with internal customers to evaluate supplier performance ensuring compliance with contract deliverables/service level commitments
Note: In the case of long term agreements performance assessments should be completed annually and/or in advance of any contract renewals and/or extensions
ix. Provide management with requested reports on procurement activity
x. Ensure all likely follow-on activity is identified and included in the initial approval request for competitive and non-competitive acquisitions

Management's Responsibilities:

i. Communicate details of the Procurement Policy to employees
ii. Ensure all procurements comply with this policy
iii. Ensure the availability of current year (and, when required, future years') budget funding to support the acquisition
iv. Collaborate with Procurement in the
   - aggregation of Hydro Ottawa common purchases
   - evaluation of supplier submissions
   - assessment of supplier performance
v. Address minor policy non-compliance issues with the responsible employee and escalate serious policy violations to the Policy Owner

8. COMPLIANCE

Serious policy infractions will be addressed in accordance with Hydro Ottawa's Code of Business Conduct and policy on Discipline and Discharge (POL-Hr-005.00).

9. APPROVAL HISTORY

Revision .00	**Release Date** January 1, 2013	**Initial Release**	**Policy Owner Sign-off:**	**Approved by:**
Revision .01	**Revision Date** April 1, 2017	**Description of Changes** Re-affirmation of policy, revisions to weighting criteria, quotation limits and contract length as well as minor updates and references.	**Policy Owner Sign-off:** Chief Financial Officer	**Approved by:** President and CEO

Scheduled Re-affirmation Date: **April 2020**	Responsibility: **Chief Financial Officer**

10. POLICY EXCEPTIONS

Exceptions to the above directives and/or changes to this policy must receive written pre-authorization from the CFO. For clarification on any aspect of this policy contact the Director of Finance.

HYDRO OTTAWA CORPORATE POLICY

Subject: Approval Authority		
Category: Enterprise	**Policy Number**: POL-Fi-010.01	
Administrator: Director Finance	**Owner:** Chief Financial Officer	**Approver:** President and CEO

1. PURPOSE

The purpose of this policy is to define the financial approval authority limits delegated to specified positions within Hydro Ottawa.

2. SCOPE

All employees of Hydro Ottawa.

3. DEFINITIONS

Temporary, in the context of this policy, is defined as ≤ 30 consecutive calendar days.
Approval Authority refers to the assignment of financial decision-making authority by the President and CEO to various positions within Hydro Ottawa.
Temporary delegation of Approval Authority refers to the short-term reassignment of financial decision-making authority during management/supervisor absences.
Sole Source Procurement is one where there is only one identifiable source for a given good or service.
Directed Source Procurement is one where there is more than one identifiable source of supply for a given good or service, but there are compelling reasons why the selected vendor is not determined by an open competition.
EA refers to Executive Assistant.
AA refers to Administrative Assistant.
Chief normally refers to a Division Head with Directors as direct reports. May also include management staff that report directly to the President and Chief Executive Officer.
Director normally refers to a Group Head with Managers as direct reports. May also include management staff that report directly to a Chief.
Manager refers to a Section Head with Supervisors as direct reports. May also include management staff that report directly to a Director.
Supervisor normally refers to a Unit Head with Regular Staff as direct reports. May also include management staff that report directly to a Manager.
Hydro Ottawa refers to Hydro Ottawa Holding Inc. and its affiliates.

4. POLICY DIRECTIVES

a. The President and CEO has been granted, by the Board of Directors of Hydro Ottawa, full decision-making authority on all Hydro Ottawa day-to-day financial matters.
b. This authority has been assigned by the President and CEO to various employees within Hydro Ottawa based on their position and business mandate.
c. Details on the approval authority and delegation of approval authority are provided in **Annex 1** of this policy, which is structured as follows:

Schedule 1	Approval of Purchase Requisitions
Schedule 2	Temporary Delegation of Approval Authority for Purchase Requisitions
Schedule 3	Approval of Purchase Orders
Schedule 4	Approval of Directed Source Procurements
Schedule 5	Approval of Expense Reports and Credit Card Expense Reports
Schedule 6	Approval of Payments That Do Not Require Purchase Orders (Approval Limits same as Schedule 1)
Schedule 7	Approval of Payments That Do Not Require Purchase Orders (Specified Approvers)
Schedule 8	Approval of Invoices
Schedule 9	Approval of All financial amounts not specifically identified in another schedule or policy
Schedule 10	Requisition Summary Form

d. All values in **Annex 1** are expressed in Canadian currency.
e. Responsibility rests with the approver to ensure there are current year (and if necessary future years') budget to pay for goods and services procured through purchase orders and/or procurement contracts.
f. The procurement of /discretionary spending on the following specialized categories of goods and services must have co-approval from the appropriate Hydro Ottawa "functional" division before action is taken:

Category	Functional Division Co-Approval	Normal Approver
IM & IT Products and Services	IM & IT	Manager, Infrastructure Management
Advertising	Communications	Manager, Media and Public Affairs
Legal Services	Legal	Senior Legal Counsel
Commercial Insurance	CFO (Treasury)	Treasurer
Sponsorships/Donations	Communications	Manager, Media and Public Affairs
Leases	CFO (Treasury)	Treasurer
Recruitment Services	HR	Manager, Payroll, Recruitment & HRIS

Note:

- Legal approval is not required when:
  - there is an established relationship between the legal service provider and Hydro Ottawa, and
  - Legal initially approved the vendor.
- Commercial Insurance excludes HR employee benefit insurance programs such as life insurance, health and dental plans, the Worker Safety Insurance Board etc.

g. Individuals are responsible for delegating their approval authority *before departing on planned absences* by documenting the delegate's name and the duration the of the authority reassignment in an email which, at a minimum, should be sent to:
To: Supervisor, Procurement
Supervisor, Accounts Payable
Copy: Name of delegated signing authority
The manager of the individual delegating their signing authority
Supporting Executive/Administrative Assistant
Note: The above email can be sent by the appropriate EA/AA copying the individual who is delegating their approval authority.
h. Approval authority can be delegated to a peer within the employee's division or to a subordinate as detailed in **Annex 1 - Schedule 2** of this policy.
i. Chiefs must delegate their approval authority to a direct report within their division (i.e. lateral assignments are not permitted).
j. In the case of absences where a delegate has not been named, approval authority will revert to the individual's direct manager who can either retain the signing authority responsibilities until the individual returns or initiate the assignment of temporary signing authority as described in 4 g. above.
k. The delegation of signing authority for periods > 30 consecutive days requires the approval of the individual's direct manager (e.g. delegation of a Director's signing authority for a 31 day period would require approval of the Division Chief.)
l. Individuals who are appointed to a management position as a result of Hydro Ottawa's Emergency Succession Plan will assume full approval authority of the appointed position.
m. No approver may authorize a payment to or for the benefit of oneself.

5. RELATED POLICIES, PROCEDURES and REFERENCE DOCUMENTS

Approval Authority Policy – Annex 1
Hydro Ottawa Credit Card Policy (POL-Fi-001)
Business Expense Reimbursement Policy (POL-Fi-005)
Travel Expense Reimbursement Policy (POL-Fi-002)
Procurement Policy (POL-Fi-003)
Insurance Policy (POL-Fi-006)

6. **EXCLUSIONS**
There are no exclusions

7. **ADDITIONAL POLICY ELEMENTS**
There are no additional policy elements

8. **COMPLIANCE**
Serious policy violations will be addressed in accordance with Hydro Ottawa's Code of Business Conduct and may result in disciplinary action up to and including termination of employment.

9. **APPROVAL HISTORY**

Revision .00	**Release Date** January 1, 2013	**Initial Release** Initial release	**Policy Owner Sign-off:**	**Approved by:**
Revision	**Revision Date**	**Description of Changes**	**Policy Owner Sign-off:**	**Approved by:**
.01	April 1, 2017	Changed numbering from POL-En-006 to POL-Fi-010 and increased approval limits for business efficiency	Chief Financial Officer	President and CEO

Scheduled Re-affirmation Date: **April 2020**	Responsibility: **Chief Financial Officer**

10. **POLICY EXCEPTIONS**
Exceptions to the above directives and/or changes to this policy must receive written pre-authorization from the CFO. For clarification on any aspect of this policy contact the Director, Finance.

Schedule 1

Approval of Purchase Requisitions

Approver	Mandate	Limit
President & CEO	Enterprise	> $5,000,000
Chief	Division	To $5,000,000
Director	Group	To $1,000,000
Manager	Section	To $200,000
Supervisor	Unit	To $25,000

NOTES:

1. The above authorization limits relate to purchase requisitions for both competitive and sole source procurements.
2. Directed source procurement approval requirements are provided in Schedule 4.
3. Approval to purchase goods and services must be obtained from the division that will be paying the associated invoices/incurring the expenses.
4. Responsibility rests with the approver to ensure there are current year (and if necessary future years') budget to pay for goods and services procured through purchase orders and/or third party contracts.
5. All purchases must comply with Hydro Ottawa's Procurement Policy (POL-Fi-003).
6. Higher approval limits for specific operational positions (based on job function) require authorization from the President & CEO.
7. Requisitions greater than $5,000,000 must have the Requisition Summary Form (Schedule 10) completed and attached to the requisition in the ERP system (JD Edwards).

Schedule 2

Delegation of Approval Authority Purchase Requisitions		
Original Signing Authority	**Limit**	**Temporary delegated Signing Authority**
President & CEO	> $5,000,000	Chief
Chief	To $5,000,000	Director
Director	To $1,000,000	Manager
Manager	To $200,000	Supervisor
Supervisor	To $25,000	N/A

1. Temporary is defined as < 30 consecutive calendar days.
2. In the absence of Director positions within a Division, Chiefs would delegate signing authority to a Manager.
   Note: The Manager's delegated approval limit would be $1,000,000.
3. Delegation of a signing authority for any period in excess of 30 consecutive days requires approval of the individual's manager.
4. Supervisors cannot delegate their approval authority.
5. All NOTES in Schedule 1 apply to Schedule 2.

Schedule 3

Approval of Purchase Orders		
Approver	**Mandate**	**Limit**
Manager Supply Chain	Enterprise	> $1,000,000
Supervisor Procurement	Enterprise	To $1,000,000
Procurement Agent	Enterprise	To $5,000

NOTES:

1. The above relates to approval to make a commitment to a 3rd party supplier through the execution of Purchase Orders.
2. For contract procurements, refer to PRO-Fi-013 Contract Procurement Process.
3. The Purchase Order approver cannot be the same individual as the Requisition approver.
4. Invoices will be paid to a maximum of 105% of the Purchase Order value.

Schedule 4

Approval of Directed Source Procurements		
Approver	**Mandate**	**Limit**
Sponsoring EMT Member + CFO + President & CEO	Enterprise	> $500,000
Sponsoring EMT Member + Director, Finance	Division	> $100,000 to $500,000
Sponsoring Director + Manager, Supply Chain	Group	$25,000 to $100,000
Sponsoring Manager + Supervisor, Procurement	Section	< $25,000

NOTES:

1. A Directed Source Procurement is when there is more than one identifiable source for a given good or service, but there are compelling reasons why the selected vendor is not determined by an open competition. (Refer to Hydro Ottawa's Procurement Policy – POL-Fi-003 for additional details on Directed Source Procurements)
2. Hydro Ottawa management approvals are not required for Directed Source Procurements authorized by Hydro Ottawa's Board of Directors and/or its committees.

Schedule 5

Approval of Expense Reports and Credit Card Expense Reports
1. Direct supervisor approves expense report regardless of dollar value. 2. Individuals cannot approve their own expense reports. 3. Peers cannot approve expense reports.

Schedule 6

General Approval of Payments that do not Require Purchase Orders (Invoices Without Reference)	
Approval limits same as Schedule 1	
Expense Item	**Responsible Division**
Freight & forwarding	CFO
Courier	
Fuel	
Fleet purchases (excluding capital purchases)	
Commercial Insurance premiums	
Corporate income tax	
RFP Related Expenses (i.e. Honoraria)	
Licenses and registrations	
Payments under Affiliation Agreements	
Legal Costs (Non HR related)	Legal
HR employee benefit insurance programs (life insurance, health and dental plans, Worker Safety Insurance Board, etc.)	HR
Legal Costs (HR related)	
Planning permits, access fees, development fees, easements, traffic control	Distribution Engineering & Asset Management & Distribution Operations
Sponsorships, market promotions, donations	Communications & Marketing
Conferences and Training (note 5)	All
Subscriptions, publications, corporate memberships	All
Emergency related purchases of goods and services	All

Notes:
1. Schedule 6 identifies invoices for goods and services that are payable without a requirement for/reference to a purchase order.
2. Emergency is defined as a sudden, urgent, unexpected occurrence or occasion requiring immediate action.
3. Changes to related authorizations in Schedule 6 require the approval of the Chief Financial Officer.
4. For proposed related expense items not specifically covered in list, Manager, Supply Chain will have final discretion.
5. Training whereby Hydro Ottawa hires an external contractor to provide on-site training will require a PO. In cases where employees go offsite for training, no PO is required.

Schedule 7

Specified Approval of Payments that do not Require Purchase Orders (Invoices Without Reference)

Specified Approvers

Expense Item	One of:
Property taxes	Manager, Fleet and Facilities/Director, Finance
Utilities	
Interest and financing charges	Manager, Accounting/ Manager, Taxation & Treasury Services / Treasurer / Director, Finance
Bank charges	
Sales and Income tax (HST, QST etc)	
Other taxes and duties (eg DRC)	
IESO[1] and HONI charges	Manager, Accounting/ Manager, Taxation & Treasury Services / Treasurer / Director, Finance
Embedded Generators (FIT, MicroFIT, HCI, RESOP)	
Payments to Retailers	
Payroll-related remittances	Manager, Compensation / Director, Labour Relations and Compensation
Telecommunication Services	Manager, Infrastructure Management/Chief Information Officer

Notes:
1. Schedule 7 identifies invoices for goods and services that are payable without a requirement for/reference to a purchase order AND where payment is time sensitive and authorization requires specialized knowledge/insights to validate the invoice amount.
2. There are no dollar limits associated with the expense items listed in Schedule 7.
3. Individuals identified in as approvers in Schedule 7 must determine supporting documentation requirements for invoice approval with concurrence from Director Finance.
4. Changes to related authorizations in Schedule 7 require the approval of the Chief Financial Officer.
5. For proposed related expense items not specifically covered in list, Manager, Supply Chain will have final discretion.
6. Telephone related costs as well as the data lines are exempt from requiring approvals.

[1] Including related data submission to IESO and Ontario Ministry of Finance

Schedule 8

Approval of Invoices

1. For goods whereby a true receipt exists (goods received into the warehouse), no signature is required on the invoice
2. For invoices without a PO, Invoice signature most follow the signing authority of Schedule 1 unless they fall into the Schedule 7 categories.
3. For all other invoices, only one signature is required on the invoice:
    - The person signing the invoice is decided by the Business Unit procuring the goods or services.
    - The person chosen must have knowledge of the goods or services being procured.
    - The name and title of the person signing the invoice must be clearly identified beneath the signature through use of a stamp or legible printing.
    - Person signing the invoice must ensure that the payment agrees with the pre-approved purchase order commitments and that the work or service has been completed to Hydro Ottawa's satisfaction.

Schedule 9

Approval of All financial amounts not specifically identified in another schedule or policy		
Approvers	**Mandate**	**Limit**
Director + Manager, Accounting	Group	> $500,000
Manager + Manager, Accounting	Section	$100,000 - $500,000
Supervisor + Supervisor, Billing Projects	Unit	< $100,000

NOTES:

1. This schedule does not apply to electricity customer accounts.
2. Financial adjustments mean any changes to a customer's account that affect the amount collected/collectible from/to the customer.
3. Approval(s) must be obtained from the division that provided the good/service to the customer.
4. Approvers must determine supporting documentation requirements with concurrence from the Manager, Accounting.

Schedule 10

Requisition Summary[2]

Instructions: Complete all applicable fields and attach to the requisition in JDE.

Date:	YYYY-MM-DD
Lead:	
Division/Group:	
Vendor:	
Selection Process (RFP, Directed Source, etc)	
Requisition/Contract #:	
Project Name:	
Project Timing: (Start and End Dates)	
Description of Work:	
Amendment Reason(s)	
Type of work (demand, sustainment, general capital, generation, etc):	
Cost (Original + Amendments):	
Additional comments:	

[2] Requisitions greater than $5,000,000 must have the Requisition Summary Form (Schedule 10) completed and attached to the requisition in the ERP system (JD Edwards)

CORPORATE PROCEDURE

Subject: Contract Procurement Process		
Category: Finance	**Procedure Number**: PRO-Fi-013.00	
Policy Ref: POL-Fi-003.00 Procurement	**Administrator** Director of Finance	**Owner** Chief Financial Officer

1. PURPOSE
To ensure consistency and accountability in the contract procurement process.

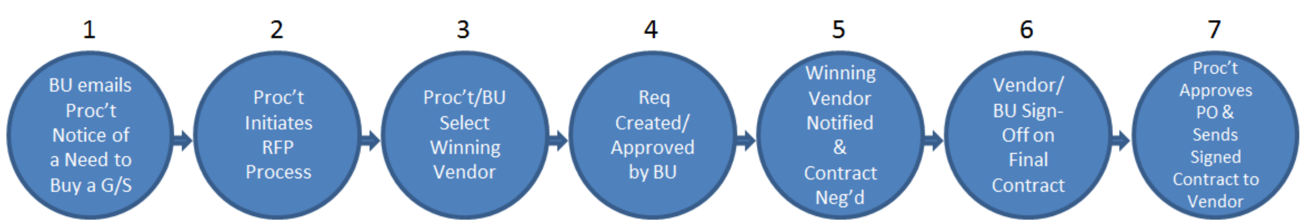
2. SCOPE
All Hydro Ottawa employees involved in contract procurements.

3. DEFINITIONS
BU refers to a Hydro Ottawa business unit
G/S refers to a good or service
Hydro Ottawa refers to Hydro Ottawa Holding Inc. and its affiliates
Legal refers to Hydro Ottawa's Legal Group
PO refers the Hydro Ottawa Purchase Order module within JDE
Procurement or Proc't refers to the Procurement Unit within Hydro Ottawa's Supply Chain Section
Pro Forma Contract refers to any Hydro Ottawa contract that has been prepared by Legal and contains standard terms and conditions
Req refers to the Requisition module within JDE
RFP refers to Request for Proposal
RFQ refers to Request for Quote

All references to dollar amounts shall be in Canadian currency and exclusive of taxes

4. PROCEDURE DESCRIPTION

Contract Procurement Process Overview



Responsibility	Ref	Instructions
BU – Requisitioner	4.1	When it is anticipated a pending purchase will require a procurement contract, the BU shall email the details to the Supervisor, Procurement providing a description of the G/S involved, an estimate of the total cost (excluding taxes/duties), specifics on the timing of the purchase and confirmation of budget funding. Note: a. The email should be copied to the appropriate BU signing level (per Annex 1 Schedule 1 of Hydro Ottawa's policy on Approval Authority for Procurements and Disbursements (POL-En-006.00) b. The final decision to proceed with an RFP/Contract procurement (vs. an alternate procurement vehicle such as an RFQ or PO) rests solely with Procurement c. The need to send a Request For Information (RFI) to prospective vendors shall be jointly determined by the BU and Procurement d. A non-competitive procurement process begins with step 4.4 above once the required Sole/Directed Source approvals are obtained per Hydro Ottawa's Procurement Policy (POL-Fi-003.00)

Responsibility	**Ref**	**Instructions**
Procurement	4.2	Per the Procurement Policy, an RFP is issued containing a detailed Statement of Work (written by the BU) and the requirement that vendors accept Hydro Ottawa's pro-forma contract terms and conditions.
Procurement/BU	4.3	The winning vendor is selected based on pre-set evaluation criteria. Note: The winning vendor selection shall remain Hydro Ottawa confidential until the Req is created/approved.
BU	4.4	The Req is created in JDE and approved per Annex 1 Schedule 1 of Hydro Ottawa's policy on Approval Authority for Procurements and Disbursements (POL-En-006.00). Note: Electronic attachments to the Requisition shall include: a. The Statement of Work b. The winning vendor's proposed solution c. Solution pricing d. The pro-forma contract and, if known, any potential non-standard contract terms and conditions e. Summary comments on open issues i.e. potential risk areas including recommendations on contingency funding to address risk issues
Procurement/BU	4.5	The winning vendor is notified and the contract is negotiated. Note: a. The winning vendor is advised that any commitments made by Hydro Ottawa during negotiations are subject to the BU sign-off on the final contract and the execution of the PO within JDE by Procurement b. Procurement (not the BU) shall engage Legal as/when required in the event changes are required to Hydro Ottawa's pro-forma contract wording c. Material changes (in the judgement of Procurement) between the winning vendor's RFP response and the negotiated contract (such as changes in contract terms and conditions, price, risks, key elements of the deliverables etc.) require an update to/re-approval of the Req within JDE d. In the event of material changes per 4.5 (c.) above, Procurement shall consult with Legal to determine if the RFP needs to be re-issued e. Procurement creates a PO within JDE and registers the PO number as the contract number on the duplicate originals of the final agreement f. The PO shall identify any contingency funding required to address risk issues that are contained in the final contract g. Contingency funding shall remain Hydro Ottawa confidential and excluded from the financial information detailed in the contract h. Procurement shall provide a scanned copy of the final agreement to both the contract and procurement signing authorities for their review.
Procurement/BU	4.6	The Vendor/BU sign-off on the final contract. Note: a. Duplicate originals of the final contract are presented to the vendor for their sign-off b. Following vendor approval, the contracts are returned to Hydro Ottawa and signed off by the BU per the following:

Hydro Ottawa Contract Procurement Signing Limits		
Approver	**Mandate**	**Limit**
President & CEO	Enterprise	> $5,000,000
Chief	Division	To $5,000,000
Director	Group	To $500,000
Manager	Section	To $100,000
Supervisor	Unit	To $5,000

c. Chiefs shall provide the President & CEO with email notifications of contract sign-offs valued from $1,000,000 to $5,000,000.

Responsibility	Ref	Instructions
Procurement	4.7	Once both parties have signed off on the contract, the PO is approved within JDE. Note: a. Approvals shall be in accordance with Annex 1 Schedule 3 of Hydro Ottawa's policy on Approval Authority for Procurements and Disbursements (POL-En-006.00) b. A duplicate contract original is returned to the vendor c. Procurement attaches a scanned copy of the second duplicate original to the PO within JDE and files the hard copy for their records

5. RELATED POLICIES, PROCEDURES & REFERENCE DOCUMENTS

Procurement Policy (POL-Fi-003.00)
Approval Authority for Procurements and Disbursements Policy (POL-En-006.00)
Discipline and Discharge Policy (POL-Hr-005.00)

6. COMPLIANCE

Periodic audits will be carried out by the Internal Audit & Risk Management group to assess compliancy with the procedures detailed above. Non-compliant behaviour will be escalated to the Chief Financial Officer who will determine the appropriate disciplinary action.

7. APPROVAL HISTORY

Revision	Release Date		Procedure Admin Sign-off:	Procedure Owner Approval:
.00	July 1, 2014		Director of Finance	Chief Financial Officer
Revision	Revision Date:	Description of Changes	Procedure Admin Sign-off:	Procedure Owner Approval:
.NN	Month/Day/Year		Director of Finance	Chief Financial Officer

Scheduled Re-affirmation Date	Responsibility
July 1, 2016	Director of Finance

Exceptions and/or **changes** to this procedure must receive written authorization from the Chief Financial Officer. For **clarification** on any aspect of this policy contact the Director of Finance.

ONE-TIME COSTS

Hydro Ottawa confirms that there are one-time costs being requested for recovery over the 2021-2025 Test Years related to this Application. Per the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019, one-time costs included in the Historical, Bridge, and Test Years are included in the first year, 2021, to be amortized over the 2021-2025 period. Please refer to Exhibit 4-2-4: Regulatory Costs and Attachment 4-2-4(A): OEB Appendix 2-M - Regulatory Cost Schedule for further details on these one-time costs.

REGULATORY COSTS

Regulatory costs for Hydro Ottawa are included in the Uniform System of Accounts ("USofA") 5655, Regulatory Expenses and 5630, Outside Services Employed.[1] A summary of Regulatory Expenses are shown in Table 1 below. Please refer to Attachment 4-2-4(A): Appendix 2-M - Regulatory Cost Schedule for further details.[2] Regulatory costs include OEB cost assessments and licence fees, intervenor and other cost awards, professional services (legal and consulting), and costs to publish public notices.

Regulatory costs are split between one-time and on-going costs. In light of the increases in total Regulatory Costs which Hydro Ottawa has seen, the budget for the 2021 Test Year is $2.3M. The main driver of the increase in on-going costs relates to the annual assessment fees paid to the OEB. Additionally, consulting costs in 2020 and 2021 are forecasted to be higher than 2019, due to external expertise that will be sought on government, OEB, and industry policy consultations that are set to impact Hydro Ottawa.

In 2016, the OEB revised its cost assessment model.[3] As part of this change, the OEB established a variance account, Account 1508 Other Regulatory Assets, Sub-account OEB Cost Assessment Variance, to capture the difference between the costs incurred as a result of the new methodology and the costs which had already been built into a utility's rates. The variance account was to be utilized until a utiilty's rates were next rebased/reset.[4]

These revisions to the OEB's cost assessment model substantially increased Hydro Ottawa's allocation of the OEB's costs. For the OEB's April 2016 - March 2017 fiscal year, the OEB's cost allocation to the utility was $1.4M, which represented an increase of 56% over the $916K projection included in Hydro Ottawa's 2016 rebasing application.

[1] Prior to 2019, OEB Section 30 Costs were included in Account 5620, Office Supplies and Expense.
[2] Hydro Ottawa has made an adjustment to the Appendix to include a column for 2017 actuals.
[3] Ontario Energy Board, Letter re: *Revisions to the Ontario Energy Board Cost Assessment Model* (February 9, 2016).
[4] *Ibid*, page 2.

As a result, for purposes of this Application, the OEB Cost Assessment appears as an increase in the 2021 Test Year. For additional information on the OEB Cost Assessment Variance Account, please refer to Exhibit 9-1-3: Group 2 Accounts.

Hydro Ottawa did not request one-time costs as part of its 2016-2020 Custom Incentive Rate-Setting application.[5] Accordingly, the one-fifth amortized portion of the $0.5M one-time costs included in the 2021 Test Year are incremental. The one-time costs include external studies on core areas or topics that were commissioned to support, and in some cases guide, Hydro Ottawa's Business Plan and requested revenue requirement.[6] Additionally, the one-time costs include OEB hearing costs, intervenor costs, and legal costs set to be incurred in the adjudication of this Application. Please refer to Exhibit 4-2-3: One-Time Costs for details related to the amortized period.

The costs associated with the time spent by Hydro Ottawa's regulatory employees in preparing this Application have not been included in USofA Accounts 5655, 5630, or 5620. These costs are contained within the general operations, maintenance and administration budgets. The costs associated with the time spent in preparing this Application by personnel from other business units within the utility (such as finance, distribution asset management, treasury, human resources, customer service, information technology, etc.) are likewise not included in Accounts 5655 or 5630. Instead, these costs are contained within the respective budgets of those business units.

[5] Hydro Ottawa Limited, *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application*, EB-2015-0004 (April 29, 2015).
[6] The external studies commissioned in support of this Application are listed in Exhibit 1-1-1: Table of Contents.

1 **Table 1 – Regulatory Cost Schedule (Summary)**

	OEB Approved	Historical			Bridge		Test
	2016	2016	2017	2018	2019	2020	2021
Ongoing	$1,365,775	$1,251,499	$1,125,122	$1,112,169	$1,036,124	$1,255,162	$1,843,850
1/5 of Total One-Time Costs	$0	$0	$0	$0	$0	$0	$462,398
TOTAL	**$1,365,775**	**$1,251,499**	**$1,125,122**	**$1,112,169**	**$1,036,124**	**$1,255,162**	**$2,306,248**

Appendix 2-M
Regulatory Cost Schedule

	Regulatory Cost Category	USoA Account	USoA Account Balance	Last Rebasing Year (2016 OEB Approved)	Last Rebasing Year (2016 Actual)	2017 Actual	2018 Actual	2019 Bridge Year	2020 Bridge Year	Annual % Change	2021 Test Year	Annual % Change
	(A)	(B)	(C)	(D)	(E)			(F)	(G)	(H)=[(G)-(F)]/(F)	(I)	(J) = [(I)-(G)]/(G)
	Regulatory Costs (Ongoing)											
1	OEB Annual Assessment	5655		916,311	984,177	917,112	916,311	849,373	917,162	7.98%	1,500,850	63.64%
2	OEB Section 30 Costs (OEB-initiated)	5655/5620			1,573	36,783	25,949	19,414	25,000	28.77%	30,000	20.00%
3	Expert Witness costs for regulatory matters											
4	Legal costs for regulatory matters	5655		160,711	5,150		14,554	35,608	90,000	152.75%	90,000	0.00%
5	Consultants' costs for regulatory matters	5630		16,188	119,635	28,006		15,000	75,000	400.00%	75,000	0.00%
6	Operating expenses associated with staff resources allocated to regulatory matters											
7	Operating expenses associated with other resources allocated to regulatory matters 1											
8	Other regulatory agency fees or assessments	5655		140,843	140,964	143,222	155,355	116,729	148,000	26.79%	148,000	0.00%
9	Any other costs for regulatory matters (please define)											
10	Intervenor costs	5655		131,722								
11	Include other items in green cells, as applicable											
12												
	Regulatory Costs (One-Time)											
1	Expert Witness costs											
2	Legal costs	5655									150,000	
3	Consultants' costs	5630									1,736,990	
4	Incremental operating expenses associated with staff resources allocated to this application.											
5	Incremental operating expenses associated with other resources allocated to this application. 1											
6	Intervenor costs	5655									150,000	
7	OEB Section 30 Costs (application-related)	5655									275,000	
8	Include other items in green cells, as applicable											
9												
10												
11												
29												
30												
1	Sub-total - Ongoing Costs 2		$ -	$ 1,365,775	$ 1,251,499	$ 1,125,122	$ 1,112,169	$ 1,036,124	$ 1,255,162	21.14%	$ 1,843,850	46.90%
2	Sub-total - One-time Costs 3		$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ 2,311,990	
3	Total		$ -	$ 1,365,775	$ 1,251,499	$ 1,125,122	$ 1,112,169	$ 1,036,124	$ 1,255,162	21.14%	$ 2,306,248	83.74%

Application-Related One-Time Costs	Total
Total One-Time Costs Related to Application to be Amortized over IRM Period	$ 2,311,990
1/5 of Total One-Time Costs	$ 462,398

LOW-INCOME ENERGY ASSISTANCE PROGRAM

As set out in the OEB report on the Low-Income Energy Assistance Program ("LEAP") issued in 2010,[1] and in accordance with section 2.4.3.6 of the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019, Hydro Ottawa has annually allocated 0.12% of its distribution service revenue requirement towards the LEAP Emergency Financial Assistance ("EFA") grant.

Table 1 shows Hydro Ottawa's annual LEAP contributions from 2016-2019 and the total number of customers assisted between 2016-2018.

Table 1 – LEAP Contributions and Number of Customers Assisted[2]

	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year	2021 Test Year
Annual Contribution	$210,054	$218,484	$228,713	$238,069	$240,000	$240,000
Carryover from Prior Years	$88,163	$80,565	$117,170	$208,706	n/a	n/a
Sub-Total Funds Available	**$298,217**	**$299,049**	**$345,883**	**$448,706**	**n/a**	**n/a**
Less: Admin Fees	$31,508	$32,772	34,307	n/a	n/a	n/a
Less: Grants Disbursed	$186,144	$149,106	$102,870	n/a	n/a	n/a
TOTAL FUNDS UNUSED	**$80,565**	**$117,170**	**$208,706**	**n/a**	**n/a**	**n/a**
Total Number of Applicants	593	465	364	n/a	n/a	n/a
Number of Applicants Assisted	482	380	246	n/a	n/a	n/a

The annual contribution amount of $240K in the 2021 Test Year is based on an estimate of Hydro Ottawa's distribution service revenue requirement. Hydro Ottawa continues to work with the United Way as its Lead Agency, with the Salvation Army administering the various Intake Agencies throughout the utility's service territory.

[1] Ontario Energy Board, *Report of the Board - Low-Income Energy Assistance Program*, EB-2008-0150 (March 10, 2009), page 10.
[2] Totals may not sum due to rounding.

Demand for the LEAP program, which was introduced in January 2011, has declined year-over-year since 2016 in terms of both the number of applicants and the dollar amount of grants disbursed to customers. This has resulted in an increased accumulation of unused funds annually.

One contributing factor of declining LEAP participation may be the Ontario Electricity Support Program ("OESP"), introduced in January 2016, which reduces the cost of electricity by applying a monthly credit directly to the bills of qualifying low-income households. Another contributing factor may be the introduction of the Ontario Fair Hydro Plan in March 2017, which lowered electricity bills for Ontario residential consumers by 25%. These programs have collectively reduced the bills of eligible low-income customers, thereby reducing demand for the LEAP program.

Further, the introduction of the Winter Disconnection Moratorium ("Moratorium") in 2017 prohibits distributors from disconnecting residential customers for reasons of non-payment annually between November 15 and April 30, and requires the reconnection of residential customers previously disconnected for non-payment over the same period. The Moratorium removes the risk of disconnection due to non-payment during the winter season. Customer reliance on LEAP funding is therefore mitigated during the Moratorium timeframe.

The rollover of LEAP funds remaining between 2016 and 2019 has provided the LEAP program with increased funding levels each successive year, in addition to the OEB-prescribed distributor contribution.

In accordance with LEAP funding requirements, Hydro Ottawa has annually contributed 0.12% of its OEB-approved distribution service revenue requirement to LEAP since 2012. The proposed contribution for the 2021 Test Year is an estimate. Hydro Ottawa will continue to support the LEAP and any new assistance programs that may be prescribed during the rate period of 2021-2025.

CHARITABLE AND POLITICAL DONATIONS

Hydro Ottawa follows the OEB's Accounting Procedures Handbook ("APH") with respect to charitable and political donations. In accordance with the APH, donations are tracked in the Uniform System of Accounts ("USofA") 6205 and are not included in the revenue requirement for the Test Years.

Only donations specifically for the Low-Income Energy Assistance Program ("LEAP"), as per section 2.4.3.6 of the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019, are tracked in the USofA Sub-Account 6205 Donations, sub-account LEAP Funding, and are included in the revenue requirement for the Test Years. The OEB has prescribed the LEAP program to provide one-time assistance to eligible low-income consumers towards paying their electricity bills. Please refer to Exhibit 4-2-5: Low-Income Energy Assistance Program for further details on the program.

Table 1 summarizes charitable donations from the 2016-2021 period that are either recoverable or non-recoverable for revenue requirement purposes.

Table 1 – Charitable Donations Summary

Category	Historical			Bridge		Test
	2016	2017	2018	2019	2020	2021
Rate Recovery	$210,054	$218,484	$228,713	$238,069	$240,000	$240,000
Non-Rate Recovery	$321,473	$423,146	$448,788	$454,640	$442,252	$442,375
TOTAL	**$531,527**	**$641,630**	**$677,501**	**$692,709**	**$682,252**	**$682,375**

Hydro Ottawa will adhere to any requirements, as prescribed by the OEB, for the recording of charitable and political donations for any new OEB-approved programs to assist low-income customers.

NON-RECOVERABLE CONTRIBUTIONS

Hydro Ottawa confirms that no political contributions have been included in the revenue requirement for the Test Years. Please see Exhibit 4-2-6: Charitable and Political Donations for further information.

DEPRECIATION, AMORTIZATION, DISPOSAL

1. INTRODUCTION

In accordance with section 2.4.4 of the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications,* as updated on July 12, 2018 and addended on July 15, 2019 ("Filing Requirements"), this Schedule seeks to demonstrate that Hydro Ottawa's proposed levels of depreciation and amortization expenses appropriately reflect the useful lives of the utility's assets and the OEB's accounting policies.

2. ANNUAL DEPRECIATION AND AMORTIZATION

In Tables 1 and 2 below, Hydro Ottawa provides details for depreciation by asset group for the Historical Years 2016-2018, Bridge Years 2019-2020, and 2021-2025 Test Years.

Table 1 – Depreciation Expense - Historical & Bridge Years ($'000s)

Asset Group	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year
Land and Buildings	$867	$858	$834	$845	$862
TS Primary Above 50	$3,100	$3,094	$3,058	$3,290	$3,669
Distribution Stations	$3,447	$3,455	$3,890	$4,176	$4,451
Poles, Wires	$12,585	$14,150	$15,847	$17,683	$19,189
Line Transformers	$2,269	$2,513	$2,766	$3,008	$3,188
Services and Meters	$4,573	$5,803	$6,328	$6,587	$6,961
General Plant	$2,286	$2,240	$2,233	$3,652	$3,821
Equipment	$2,611	$3,052	$3,375	$4,069	$4,194
IT Assets	$9,207	$8,036	$10,369	$7,921	$8,230
Other Distribution Assets	$758	$724	$826	$1,230	$1,247
Sub-Total	**$41,703**	**$43,925**	**$49,526**	**$52,460**	**$55,812**
Contributions and Grants	$(1,622)	$(2,262)	$(2,950)	$(3,984)	$(5,089)
TOTAL[1]	**$40,081**	**$41,663**	**$46,576**	**$48,476**	**$50,723**

[1] Totals may not sum due to rounding.

Table 2 – Depreciation Expense - Test Years ($'000s)

Asset Group	2021 Test Year	2022 Test Year	2023 Test Year	2024 Test Year	2025 Test Year
Land and Buildings	$878	$994	$1,055	$1,080	$1,107
TS Primary Above 50	$3,758	$4,360	$4,673	$4,811	$5,003
Distribution Stations	$4,463	$4,700	$4,863	$5,001	$5,417
Poles, Wires	$20,986	$22,723	$24,323	$25,834	$27,170
Line Transformers	$3,406	$3,638	$3,855	$4,056	$4,226
Services and Meters	$6,818	$6,367	$6,138	$6,111	$6,332
General Plant	$4,209	$5,136	$5,152	$5,179	$5,222
Equipment	$4,101	$4,742	$5,233	$5,239	$5,121
IT Assets	$9,191	$10,779	$11,237	$11,591	$13,007
Other Distribution Assets	$1,341	$1,432	$1,419	$1,228	$1,227
Sub-Total	**$59,150**	**$64,873**	**$67,948**	**$70,128**	**$73,832**
Contributions and Grants	$(6,700)	$(8,012)	$(8,806)	$(9,417)	$(9,806)
TOTAL[2]	**$52,450**	**$56,860**	**$59,142**	**$60,711**	**$64,027**

For detailed depreciation and amortization expenses, please see the following Attachments:

- Attachment 4-3-1(B): Appendix 2-C: 2016 Depreciation and Amortization Expense
- Attachment 4-3-1(C): Appendix 2-C: 2017 Depreciation and Amortization Expense
- Attachment 4-3-1(D): Appendix 2-C: 2018 Depreciation and Amortization Expense
- Attachment 4-3-1(E): Appendix 2-C: 2019 Depreciation and Amortization Expense
- Attachment 4-3-1(F): Appendix 2-C: 2020 Depreciation and Amortization Expense
- Attachment 4-3-1(G): Appendix 2-C: 2021 Depreciation and Amortization Expense
- Attachment 4-3-1(H): Appendix 2-C: 2022 Depreciation and Amortization Expense
- Attachment 4-3-1(I): Appendix 2-C: 2023 Depreciation and Amortization Expense
- Attachment 4-3-1(J): Appendix 2-C: 2024 Depreciation and Amortization Expense
- Attachment 4-3-1(K): Appendix 2-C: 2025 Depreciation and Amortization Expense

[2] Totals may not sum due to rounding.

3. DISPOSITIONS BY ASSET GROUP

In Tables 3 and 4 below, Hydro Ottawa provides details of amortization related to disposals by asset group for the Historical Years (2016-2018), Bridge Years (2019 and 2020), and Test Years (2021-2025).

Table 3 – Disposals - Historical Years ($'000s)

Asset Group	2016 Historical Year	2017 Historical Year	2018 Historical Year	2019 Bridge Year	2020 Bridge Year
Land and Buildings	$(1)	$0	$0	$0	$0
TS Primary Above 50	$0	$0	$0	$0	$0
Distribution Stations	$(2)	$(74)	$(80)	$(106)	$(55)
Poles, Wires	$(75)	$(129)	$(104)	$(271)	$(122)
Line Transformers	$(33)	$(30)	$ (5)	$(60)	$(41)
Services and Meters	$(68)	$76	$(499)	$(209)	$(157)
General Plant	$0	$0	$0	$(6,996)	$0
Equipment	$(46)	$(1,235)	$(49)	$(138)	$(93)
IT Assets	$0	$(3,250)	$(133)	$0	$0
Other Distribution Assets	$0	$(184)	$ (18)	$(134)	$0
Sub-Total	**$(225)**	**$(4,827)**	**$(888)**	**$(7,915)**	**$(468)**
Contributions and Grants	$0	$0	$0	$0	$0
TOTAL[3]	**$(225)**	**$(4,827)**	**$(888)**	**$(7,915)**	**$(468)**

[3] Totals may not sum due to rounding.

Table 4 – Disposals - Test Years ($'000s)

Asset Group	2021 Test Year	2022 Test Year	2023 Test Year	2024 Test Year	2025 Test Year
Land and Buildings	$0	$0	$0	$0	$0
TS Primary Above 50	$0	$0	$0	$0	$0
Distribution Stations	$(55)	$(55)	$(55)	$(55)	$(55)
Poles, Wires	$(122)	$(122)	$(122)	$(122)	$(122)
Line Transformers	$(41)	$(41)	$(41)	$(41)	$(41)
Services and Meters	$(762)	$(776)	$(689)	$(738)	$(775)
General Plant	$0	$0	$0	$0	$0
Equipment	$(1,624)	$(1,835)	$(1,413)	$(902)	$(350)
IT Assets	$0	$0	$0	$0	$0
Other Distribution Assets	$0	$0	$0	$0	$0
Sub-Total	**$(2,604)**	**$(2,829)**	**$(2,320)**	**$(1,858)**	**$(1,343)**
Contributions and Grants	$0	$600	$360	$370	$410
TOTAL[4]	**$(2,604)**	**$(2,229)**	**$(1,960)**	**$(1,488)**	**$(933)**

4. DEPRECIATION AND AMORTIZATION RATES

Tables 5 and 6 below provide detailed rates of depreciation and amortization by Uniform System of Accounts ("USofA"). Depreciation and amortization rates will remain unchanged between the Historical/Bridge Years and the Test Years for all Accounts, with the exception of Accounts 1920 and 1930.

[4] Totals may not sum due to rounding.

Table 5 – Property, Plant, and Equipment Depreciation Rates 2016-2020

OEB Acct	Description	2016 Historical	2017 Historical	2018 Historical	2019 Bridge	2020 Bridge
1609	Capital Contributions Paid	2.2%	2.2%	2.2%	2.2%	2.2%
1611	Computer Software	10% - 20%	10% - 20%	10% - 20%	10% - 20%	10% - 20%
1612	Land Rights	2%	2%	2%	2%	2%
1805	Land	N/A	N/A	N/A	N/A	N/A
1808	Buildings	1.3% - 3.3%	1.3% - 3.3%	1.3% - 3.3%	1.3% - 3.3%	1.3% - 3.3%
1815	Transformer Station Equip. >50 kV	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%
1820	Distribution Station Equip. <50 kV	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%
1830	Poles, Towers & Fixtures	2.2%	2.2%	2.2%	2.2%	2.2%
1835	Overhead Conductors & Devices	2.2% - 4%	2.2% - 4%	2.2% - 4%	2.2% - 4%	2.2% - 4%
1840	Underground Conduit	2.5%	2.5%	2.5%	2.5%	2.5%
1845	Underground Conductors & Devices	1.7% - 4%	1.7% - 4%	1.7% - 4%	1.7% - 4%	1.7% - 4%
1850	Line Transformers	2.9%	2.9%	2.9%	2.9%	2.9%
1855	Services (Overhead & Underground)	2.2%	2.2%	2.2%	2.2%	2.2%
1860	Meters	6.7%	6.7%	6.7%	6.7%	6.7%
1905	Land	N/A	N/A	N/A	N/A	N/A
1908	Buildings & Fixtures	1.3% - 10%	1.3% - 10%	1.3% - 10%	1.3% - 10%	1.3% - 10%
1915	Office Furniture & Equipment	10%	10%	10%	10%	10%
1920	Computer Equipment - Hardware	10% - 20%	10% - 20%	10% - 20%	10% - 20%	10% - 20%
1930	Transportation Equipment	6.7% - 14.3%	6.7% - 14.3%	6.7% - 14.3%	6.7% - 14.3%	6.7% - 14.3%
1935	Stores Equipment	10%	10%	10%	10%	10%
1940	Tools, Shop & Garage Equipment	10%	10%	10%	10%	10%
1945	Measurement & Testing Equipment	10%	10%	10%	10%	10%
1950	Power Operated Equipment	6.7% - 8.3%	6.7% - 8.3%	6.7% - 8.3%	6.7% - 8.3%	6.7% - 8.3%
1955	Communications Equipment	4% - 12.5%	4% - 12.5%	4% - 12.5%	4% - 12.5%	4% - 12.5%
1960	Miscellaneous Equipment	10%	10%	10%	10%	10%
1970	Load Mgmt Controls Customer Premises	10%	10%	10%	10%	10%
1975	Load Mgmt Controls Utility Premises	10%	10%	10%	10%	10%
1980	System Supervisor Equipment[5]	6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%

[5] Starting in 2017, this account also includes dark fiber, communication underground conduit and chambers, communication support strand and fixture, and communication tower and support.

Table 6 – Property, Plant, and Equipment Depreciation Rate 2021-2025

OEB Acct	Description	2021 Test Year	2022 Test Year	2023 Test Year	2024 Test Year	2025 Test Year
1609	Capital Contributions Paid	2.2%	2.2%	2.2%	2.2%	2.2%
1611	Computer Software	10% - 20%	10% - 20%	10% - 20%	10% - 20%	10% - 20%
1612	Land Rights	2%	2%	2%	2%	2%
1805	Land	N/A	N/A	N/A	N/A	N/A
1808	Buildings	1.3% - 3.3%	1.3% - 3.3%	1.3% - 3.3%	1.3% - 3.3%	1.3% - 3.3%
1815	Transformer Station Equip. >50 kV	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%
1820	Distribution Station Equip. <50 kV	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%
1830	Poles, Towers & Fixtures	2.2%	2.2%	2.2%	2.2%	2.2%
1835	Overhead Conductors & Devices	2.2% - 4%	2.2% - 4%	2.2% - 4%	2.2% - 4%	2.2% - 4%
1840	Underground Conduit	2.5%	2.5%	2.5%	2.5%	2.5%
1845	Underground Conductors & Devices	1.7 %- 4%	1.7 %- 4%	1.7 %- 4%	1.7 %- 4%	1.7 %- 4%
1850	Line Transformers	2.9%	2.9%	2.9%	2.9%	2.9%
1855	Services (Overhead & Underground)	2.2%	2.2%	2.2%	2.2%	2.2%
1860	Meters	6.7%	6.7%	6.7%	6.7%	6.7%
1905	Land	N/A	N/A	N/A	N/A	N/A
1908	Buildings & Fixtures	1.3% - 10%	1.3% - 10%	1.3% - 10%	1.3% - 10%	1.3% - 10%
1915	Office Furniture & Equipment	10%	10%	10%	10%	10%
1920	Computer Equipment - Hardware	10% - 25%	10% - 25%	10% - 25%	10% - 25%	10% - 25%
1930	Transportation Equipment	6.7% - 12.5%	6.7% - 12.5%	6.7% - 12.5%	6.7% - 12.5%	6.7% - 12.5%
1935	Stores Equipment	10%	10%	10%	10%	10%
1940	Tools, Shop & Garage Equipment	10%	10%	10%	10%	10%
1945	Measurement & Testing Equipment	10%	10%	10%	10%	10%
1950	Power Operated Equipment	6.7% - 8.3%	6.7% - 8.3%	6.7% - 8.3%	6.7% - 8.3%	6.7% - 8.3%
1955	Communications Equipment	4.0% -12.5%	4.0% - 12.5%	4.0% - 12.5%	4.0% - 12.5%	4.0% - 12.5%
1960	Miscellaneous Equipment	10%	10%	10%	10%	10%
1970	Load Mgmt Controls Customer Premises	10%	10%	10%	10%	10%
1975	Load Mgmt Controls Utility Premises	10%	10%	10%	10%	10%
1980	System Supervisor Equipment	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%	2.2% - 6.7%

The useful lives of Hydro Ottawa's assets and components have been determined based on experience, professional judgement, failure data, and local conditions. Some useful lives differ when compared to the useful life range noted in the Kinectrics Report.[6] However, the useful lives of Hydro Ottawa's assets have been approved in previous rate applications. The utility has therefore continued to depreciate its fixed assets using the same methodology and useful lives as in prior years.

For further details on the useful lives of Hydro Ottawa's assets, please reference Attachment 4-3-1(A): OEB Appendix 2-BB - Service Life Comparison.

As indicated in Exhibit 2-4-4: Capitalization Policy, Hydro Ottawa is requesting to change the useful life of laptops from five years to four years. The useful life for Computer Equipment (Hardware) contained in the Kinectrics Report is three to five years.

Hydro Ottawa is also requesting to extend the useful life of some transportation equipment. Please refer to Attachment 2-4-3(F): Fleet Replacement Program for further details.

There are variances between the depreciation and amortization calculated using the formulas in the annual Appendix 2-C[7] and those presented in the annual Appendix 2-BA.[8] Hydro Ottawa uses the half-year rule for calculating depreciation/amortization in the year that capital additions are added to the rate base, for both actual and budgeted pooled assets. However, in the case of discrete material assets (e.g. a station, major investment in IT assets, and so forth), the actual or forecasted in-service month would be used to calculate the depreciation/amortization. This is consistent with Hydro Ottawa's historical practices for these types of assets, for both rate application and financial reporting purposes.

Hydro Ottawa uses its financial system to calculate depreciation and amortization expense on assets that are already in service, and uses a depreciation forecast model to calculate

[6] Kinetrics Inc., *Asset Depreciation Study for Use by Electricity Distributors*, EB-2010-0178 (July 8, 2010).
[7] The OEB's Appendix 2-C for the years 2016-2025 can be found in Attachments 4-3-1(B)-(K), respectively.
[8] The OEB's Appendix 2-BA for the years 2016-2025 can be found in Attachments 2-2-1(A)-(J), respectively.

depreciation and amortization on budgeted capital additions. Both the financial system and forecast model incorporate actual in-service dates of discrete material assets in the calculation. Hydro Ottawa proposes to continue this method of calculating depreciation for the 2021-2025 period.

5. NET GAIN/LOSS ON DISPOSITION

In Hydro Ottawa's last rebasing application,[9] the OEB approved the establishment of USofA 4362 Loss from Retirement of Utility and Other Property to record the difference between the forecast and actual loss on the disposal of fixed assets related to retirement of assets or damages to plant. Table 7 provides the balance in USofA 4362 for the Historical Years (2016-2018) and Bridge Years (2019 and 2020).

Table 7 – Loss from Retirement of Utility and Other Property ($'000s)

Net (Gain)/Loss	2016 Historical	2017 Historical	2018 Historical	2019 Bridge	2020 Bridge	TOTAL
USofA 4362 OEB-Approved	$(198)	$(198)	$(198)	$(198)	$(198)	$**(990)**
USofA 4362 Actual	$350	$152	$264	$1,164	$301	$**2,231**
USofA 1508[10] *Variance*[11]	*$(548)*	*$(351)*	*$(462)*	*$(1,362)*	*$(499)*	***$(3,221)***

The 2019 forecast net gain in Table 7 does not include the net gain on the sale of the Albion land and building, nor the net gain on the sale of the Merivale land and building. As per the Approved Settlement Agreement governing Hydro Ottawa's 2016-2020 rate term, the utility is recording the net gain from the sale of these facilities in a separate regulatory account (Gains/Losses from Sale of Existing Facilities Deferral account), which captures 100% of the after tax net gain/loss on the sale of the facilities.

[9] Hydro Ottawa Limited, *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application*, EB-2015-0004 (April 29, 2015).

[10] This refers to USofA 1508 Sub-Account Gains and Loss on Disposal of Fixed Assets Variance Account.

[11] Totals may not sum due to rounding.

In Exhibit 9-1-3: Group 2 Accounts, Hydro Ottawa is seeking the continuance of the net gain/loss on fixed assets variance account. Table 8 provides the annual forecast amounts for the 2020-2025 Test Years.

Table 8 – Loss from Retirement of Utility and Other Property ($'000s)

Net (Gain)/Loss	2021 Test	2022 Test	2023 Test	2024 Test	2025 Test	TOTAL
Forecast	$389	$751	$323	$336	$445	$**2,243**

6. ASSET RETIREMENT OBLIGATION

According to the International Financial Reporting Standards and Article 410 of the OEB's *Accounting Procedures Handbook*, an entity is required to recognize a liability related to the retirement of certain fixed assets typically as a result of environmental laws or regulations. This obligation – referred to as an asset retirement obligation ("ARO") – is measured at the present value of future decommissioning, restoration, or similar cost.

Hydro Ottawa maintains an ARO related to the disposal and removal cost of Polychlorinated Biphenyls in its distribution equipment. The amount of the obligation and related depreciation expense in Historical and Bridge Years are shown in Table 9.

Table 9 – Asset Retirement Obligation ($'000s)

Net (Gain)/Loss	2016 Historical	2017 Historical	2018 Historical	2019 Bridge	2020 Bridge
ARO	$(206)	$(107)	$(62)	$0	$0
Related depreciation expense	$36	$36	$36	$36	$36

Appendix 2-BB

Service Life Comparison

Table F-1 from Kinetrics Report1

Parent*	#	Asset Details: Category| Component | Type			Useful Life: MIN UL	TUL	MAX UL	USoA Account Number	USoA Account Description	Current: Years	Current: Rate	Proposed: Years	Proposed: Rate	Outside Range of Min, Max TUL?: Below Min TUL	Outside Range of Min, Max TUL?: Above Max TUL
OH	1	Fully Dressed Wood Poles	Overall		35	45	75	1830	Poles, Towers & Fixtures	45	2%				
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	2	Fully Dressed Concrete Poles	Overall		50	60	80								
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	3	Fully Dressed Steel Poles	Overall		60	60	80								
			Cross Arm	Wood	20	40	55								
				Steel	30	70	95								
	4	OH Line Switch			30	45	55								
	5	OH Line Switch Motor			15	25	25								
	6	OH Line Switch RTU			15	20	20	1970	Load Management Controls Customer P	10	10%				
	7	OH Integral Switches			35	45	60								
	8	OH Conductors			50	60	75	1835	Overhead Conductors & Devices	45	2%				
	9	OH Transformers & Voltage Regulators			30	40	60								
	10	OH Shunt Capacitor Banks			25	30	40								
	11	Reclosers			25	40	55	1835	Overhead Conductors & Devices	25	4%				
TS & MS	12	Power Transformers	Overall		30	45	60	1850	Line Transformers	35	3%				
			Bushing		10	20	30								
			Tap Changer		20	30	60								
	13	Station Service Transformer			30	45	55	1820	Distribution Station Equipment <50 kV	45	2%				
	14	Station Grounding Transformer			30	40	40								
	15	Station DC System	Overall		10	20	30								
			Battery Bank		10	15	15								
			Charger		20	20	30								
	16	Station Metal Clad Switchgear	Overall		30	40	60	1820	Distribution Station Equipment <50 kV	40	3%				
			Removable Breaker		25	40	60								
	17	Station Independent Breakers			35	45	65	1820	Distribution Station Equipment <50 kV	25	4%				
	18	Station Switch			30	50	60								
	19	Electromechanical Relays			25	35	50								
	20	Solid State Relays			10	30	45								
	21	Digital & Numeric Relays			15	20	20								
	22	Rigid Busbars			30	55	60								
	23	Steel Structure			35	50	90								
UG	24	Primary Paper Insulated Lead Covered (PILC) Cables			60	65	75	1845	Underground Conductors & Devices	60	2%				
	25	Primary Ethylene-Propylene Rubber (EPR) Cables			20	25	25								
	26	Primary Non-Tree Retardant (TR) Cross Linked Polyethylene (XLPE) Cables Direct Buried			20	25	30								
	27	Primary Non-TR XLPE Cables in Duct			20	25	30								
	30	Secondary PILC Cables			70	75	80								
	31	Secondary Cables Direct Buried			25	35	40								
	32	Secondary Cables in Duct			35	40	60								
	33	Network Tranformers	Overall		20	35	50								
			Protector		20	35	40								
	34	Pad-Mounted Transformers			25	40	45								
	35	Submersible/Vault Transformers			25	35	45	1850	Line Transformers	35	3%				
	36	UG Foundation			35	55	70	1840	Underground Conduit	40	3%				
	37	UG Vaults	Overall		40	60	80								
			Roof		20	30	45								
	38	UG Vault Switches			20	35	50	1845	Underground Conductors & Devices	25	4%				
	39	Pad-Mounted Switchgear			20	30	45								
	40	Ducts			30	50	85								
	41	Concrete Encased Duct Banks			35	55	80								
	42	Cable Chambers			50	60	80								
S	43	Remote SCADA			15	20	30	1980	System Supervisor Equipment	15	7%				

Table F-2 from Kinetrics Report1

#	Asset Details: Category| Component | Type		Useful Life Range		USoA Account Number	USoA Account Description	Current: Years	Current: Rate	Proposed: Years	Proposed: Rate	Outside Range of Min, Max TUL?: Below Min Range	Outside Range of Min, Max TUL?: Above Max Range
1	Office Equipment		5	15	1915	Office Furniture & Equipment	10	10%				
2	Vehicles	Trucks & Buckets	5	15	1930	Transportation Equipment	12	8%				
		Trailers	5	20	1930	Transportation Equipment	15	7%				
		Vans	5	10	1930	Transportation Equipment	7	14%	8	13%	No	No
3	Administrative Buildings		50	75	1908	Buildings & Fixtures	75	1%				
4	Leasehold Improvements		Lease dependent									
5	Station Buildings	Station Buildings	50	75	1808	Buildings	75	1%				
		Parking	25	30	1808	Buildings	30	3%				
		Fence	25	60	1808	Buildings	30	3%				
		Roof	20	30	1808	Buildings	30	3%				
6	Computer Equipment	Hardware	3	5	1920	Computer Equipment - Hardware	5	20%	4	25%	No	No
		Software	2	5	1611	Computer Software	7.5	13%				
7	Equipment	Power Operated	5	10	1950	Power Operated Equipment	13.5	7%				
		Stores	5	10	1935	Stores Equipment	10	10%				
		Tools, Shop, Garage Equipment	5	10	1940	Tools, Shop & Garage Equipment	10	10%				
		Measurement & Testing Equipment	5	10	1945	Measurement & Testing Equipment	10	10%				
8	Communication	Towers	60	70								
		Wireless	2	10	1955	Communications Equipment	8	13%				
9	Residential Energy Meters		25	35								
10	Industrial/Commercial Energy Meters		25	35								
11	Wholesale Energy Meters		15	30	1820	Distribution Station Equipment <50 kV	15	7%				
12	Current & Potential Transformer (CT & PT)		35	50								
13	Smart Meters		5	15	1860	Meters (Smart Meters)	15	7%				
14	Repeaters - Smart Metering		10	15								
15	Data Collectors - Smart Metering		15	20								

'S & MS = Transformer and Municipal Stations UG = Underground Systems S = Monitoring and Control Systen

Note 1: Tables F-1 and F-2 above are to be used as a reference in order to complete columns J, K, L and N.
See pages 17-19 of Kinetrics Report

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.	2016	MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 49,841,304	$ 809,318	$ 49,031,986	$ 2,116,356		0.00%	6.00	16.67%	$ -	$ 8,171,998	$ 176,363	$ 8,348,361	$ 7,775,205	-$ 573,156
1612	Land Rights (Formally known as Account 1906)			$ -	$ 1,809,831		$ 1,809,831	$ 472,925		0.00%	38.74	2.58%	$ -	$ 46,717	$ 6,104	$ 52,821	$ 58,928	$ 6,107
1805	Land			$ -	$ 4,626,006		$ 4,626,006	$ 18,883		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings			$ -	$ 27,181,307	$ 23,697	$ 27,157,610	$ 548,125		0.00%	43.44	2.30%	$ -	$ 625,175	$ 6,309	$ 631,484	$ 807,905	$ 176,421
1810	Leasehold Improvements			$ -			$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 86,332,769	$ 136,035	$ 86,196,734	$ 410,684		0.00%	24.21	4.13%	$ -	$ 3,560,377	$ 8,482	$ 3,568,859	$ 3,100,415	-$ 468,444
1820	Distribution Station Equipment <50 kV			$ -	$ 82,697,721	$ 1,891,731	$ 80,805,990	$ 7,359,391		0.00%	22.66	4.41%	$ -	$ 3,566,019	$ 162,387	$ 3,728,406	$ 3,447,469	-$ 280,937
1825	Storage Battery Equipment			$ -			$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures			$ -	$ 94,688,479		$ 94,688,479	$ 13,113,345		0.00%	41.31	2.42%	$ -	$ 2,292,144	$ 158,719	$ 2,450,863	$ 2,600,754	$ 149,891
1835	Overhead Conductors & Devices			$ -	$ 86,852,500		$ 86,852,500	$ 13,529,221		0.00%	31.34	3.19%	$ -	$ 2,771,299	$ 215,846	$ 2,987,145	$ 2,508,355	-$ 478,790
1840	Underground Conduit			$ -	$ 104,216,636		$ 104,216,636	$ 19,247,873		0.00%	35.05	2.85%	$ -	$ 2,973,370	$ 274,577	$ 3,247,948	$ 3,522,363	$ 274,415
1845	Underground Conductors & Devices			$ -	$ 101,480,101	$ 143,925	$ 101,336,176	$ 20,556,281		0.00%	31.75	3.15%	$ -	$ 3,191,691	$ 323,721	$ 3,515,412	$ 3,953,829	$ 438,417
1850	Line Transformers			$ -	$ 63,029,800		$ 63,029,800	$ 8,007,899		0.00%	29.90	3.34%	$ -	$ 2,108,020	$ 133,911	$ 2,241,931	$ 2,268,951	$ 27,020
1855	Services (Overhead & Underground)			$ -	$ 48,210,872		$ 48,210,872	$ 5,653,381		0.00%	37.22	2.69%	$ -	$ 1,295,295	$ 75,945	$ 1,371,240	$ 1,446,998	$ 75,758
1860	Meters			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1860	Meters (Smart Meters)			$ -	$ 36,737,909		$ 36,737,909	$ 1,977,455		0.00%	12.53	7.98%	$ -	$ 2,931,996	$ 78,909	$ 3,010,905	$ 3,126,447	$ 115,542
1905	Land			$ -	$ 20,355,841		$ 20,355,841			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures			$ -	$ 32,045,065	$ 3,152	$ 32,041,913	$ 281,924		0.00%	19.01	5.26%	$ -	$ 1,685,529	$ 7,415	$ 1,692,945	$ 1,834,915	$ 141,970
1910	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 1,257,807	$ 19,595	$ 1,238,212	$ 72,286		0.00%	5.69	17.57%	$ -	$ 217,612	$ 6,352	$ 223,964	$ 224,732	$ 768
1915	Office Furniture & Equipment (5 years)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 6,691,379	$ 495,167	$ 6,196,212	$ 654,364		0.00%	4.35	22.99%	$ -	$ 1,424,417	$ 75,214	$ 1,499,631	$ 1,431,505	-$ 68,126
1930	Transportation Equipment			$ -	$ 12,022,868	$ 2,847	$ 12,020,021	$ 1,696,026		0.00%	10.92	9.16%	$ -	$ 1,100,735	$ 77,657	$ 1,178,391	$ 1,215,782	$ 37,391
1935	Stores Equipment			$ -	$ 5,728	$ 5,728	$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1940	Tools, Shop & Garage Equipment			$ -	$ 3,690,030	$ 111,935	$ 3,578,095	$ 373,472		0.00%	6.10	16.39%	$ -	$ 586,573	$ 30,612	$ 617,185	$ 574,962	-$ 42,223
1945	Measurement & Testing Equipment			$ -	$ 228,830	$ 1,778	$ 227,052			0.00%	7.87	12.71%	$ -	$ 28,850	$ -	$ 28,850	$ 27,262	-$ 1,588
1950	Power Operated Equipment			$ -	$ 1,044,717		$ 1,044,717	$ 2,207,170		0.00%	15.00	6.67%	$ -	$ 69,648	$ 73,572	$ 143,220	$ 166,365	$ 23,145
1955	Communications Equipment			$ -	$ 1,933,886		$ 1,933,886	$ 1,367,875		0.00%	8.00	12.50%	$ -	$ 241,736	$ 85,492	$ 327,228	$ 364,703	$ 37,475
1955	Communication Equipment (Smart Meters)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment			$ -	$ 240,794	$ 483	$ 240,311	$ 7,903		0.00%	6.77	14.77%	$ -	$ 35,496	$ 584	$ 36,080	$ 36,676	$ 596
1970	Load Management Controls Customer Premises			$ -	$ 134,245		$ 134,245			0.00%	5.00	20.00%	$ -	$ 26,849	$ -	$ 26,849	$ 27,781	$ 932
1975	Load Management Controls Utility Premises			$ -	$ 17,974		$ 17,974			0.00%	5.00	20.00%	$ -	$ 3,595	$ -	$ 3,595	$ 3,587	-$ 8
1980	System Supervisor Equipment			$ -	$ 6,357,821		$ 6,357,821	$ 459,021		0.00%	9.14	10.94%	$ -	$ 695,604	$ 25,111	$ 720,715	$ 725,758	$ 5,043
1985	Miscellaneous Fixed Assets			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants			$ -	-$ 48,553,292		-$ 48,553,292	-$ 21,578,316		0.00%	41.32	2.42%	$ -	-$ 1,175,055	-$ 261,112	-$ 1,436,168	-$ 1,621,618	-$ 185,450
1609	Capital Contributions Paid				$ 17,044,761		$ 17,044,761	$ 3,044,490		0.00%	44.52	2.25%	$ -	$ 382,856	$ 34,192	$ 417,049	$ 451,192	$ 34,143
	Total	**$ -**	**$ -**	**$ -**	**$ 842,223,689**	**$ 3,645,391**	**$ 838,578,298**	**$ 81,598,034**					**$ -**	**$ 38,858,546**	**$ 1,776,363**	**$ 40,634,909**	**$ 40,081,221**	**-$ 553,688**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1. This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2. This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.

3. A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4. The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5. OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6. The applicant must provide an explanation of material variances in evidence.
7. This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8. This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.	2017	MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 51,957,660	$ 3,970,777	$ 47,986,883	$14,077,258		0.00%	9.53	10.49%	$ -	**$ 5,035,350**	**$ 738,576**	**$ 5,773,926**	$ 6,656,426	**$ 882,500**
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,282,756		$ 2,282,756	$ 10,866		0.00%	38.73	2.58%	$ -	**$ 58,940**	**$ 140**	**$ 59,081**	$ 59,224	**$ 143**
1805	Land			$ -	$ 4,644,889		$ 4,644,889	$ 4,136		0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1808	Buildings			$ -	$ 27,727,474	$ 42,644	$ 27,684,830	$ 1,074,355		0.00%	44.58	2.24%	$ -	**$ 621,015**	**$ 12,050**	**$ 633,064**	$ 798,585	**$ 165,521**
1810	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1815	Transformer Station Equipment >50 kV			$ -	$ 86,743,453	$ 162,986	$ 86,580,467	$ 42,575		0.00%	24.24	4.13%	$ -	**$ 3,571,801**	**$ 878**	**$ 3,572,680**	$ 3,093,977	**-$ 478,703**
1820	Distribution Station Equipment <50 kV			$ -	$ 90,030,683	$ 2,461,951	$ 87,568,732	$15,638,328		0.00%	26.38	3.79%	$ -	**$ 3,319,512**	**$ 296,405**	**$ 3,615,917**	$ 3,455,058	**-$ 160,859**
1825	Storage Battery Equipment			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1830	Poles, Towers & Fixtures			$ -	$ 107,430,430		$ 107,430,430	$10,488,904		0.00%	41.06	2.44%	$ -	**$ 2,616,425**	**$ 127,727**	**$ 2,744,152**	$ 2,857,270	**$ 113,118**
1835	Overhead Conductors & Devices			$ -	$ 99,985,646	$ 16,838	$ 99,968,808	$ 8,952,322		0.00%	42.00	2.38%	$ -	**$ 2,380,210**	**$ 106,575**	**$ 2,486,785**	$ 2,754,959	**$ 268,174**
1840	Underground Conduit			$ -	$ 123,464,509		$ 123,464,509	$21,209,894		0.00%	36.00	2.78%	$ -	**$ 3,429,570**	**$ 294,582**	**$ 3,724,152**	$ 4,018,835	**$ 294,683**
1845	Underground Conductors & Devices			$ -	$ 121,890,948	$ 275,855	$ 121,615,093	$21,522,450		0.00%	28.27	3.54%	$ -	**$ 4,301,913**	**$ 380,659**	**$ 4,682,572**	$ 4,518,705	**-$ 163,867**
1850	Line Transformers			$ -	$ 70,722,370		$ 70,722,370	$ 8,756,851		0.00%	30.31	3.30%	$ -	**$ 2,333,302**	**$ 144,455**	**$ 2,477,756**	$ 2,512,829	**$ 35,073**
1855	Services (Overhead & Underground)			$ -	$ 53,864,253		$ 53,864,253	$ 7,169,843		0.00%	38.48	2.60%	$ -	**$ 1,399,799**	**$ 93,163**	**$ 1,492,962**	$ 1,585,895	**$ 92,933**
1860	Meters			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**	$-	**$ -**
1860	Meters (Smart Meters)			$ -	$ 38,425,965		$ 38,425,965	$ 2,319,101		0.00%	9.00	11.11%	$ -	**$ 4,269,552**	**$ 128,839**	**$ 4,398,391**	$ 4,217,004	**-$ 181,387**
1905	Land			$ -	$ 20,355,841		$ 20,355,841	$ 203,701		0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1908	Buildings & Fixtures			$ -	$ 32,326,989	$ 6,421	$ 32,320,568	$ 106,364		0.00%	19.15	5.22%	$ -	**$ 1,687,758**	**$ 2,777**	**$ 1,690,535**	$ 1,788,731	**$ 98,196**
1910	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1915	Office Furniture & Equipment (10 years)			$ -	$ 1,330,093	$ 51,162	$ 1,278,931	$ 77,259		0.00%	5.87	17.04%	$ -	**$ 217,876**	**$ 6,581**	**$ 224,457**	$ 194,462	**-$ 29,995**
1915	Office Furniture & Equipment (5 years)			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1920	Computer Equipment - Hardware			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 7,345,743		$ 7,345,743	$ 1,645,665		0.00%	5.00	20.00%	$ -	**$ 1,469,149**	**$ 164,567**	**$ 1,633,715**	$ 1,380,126	**-$ 253,589**
1930	Transportation Equipment			$ -	$ 13,565,710	$ 119,417	$ 13,446,293	$ 3,799,293		0.00%	10.00	10.00%	$ -	**$ 1,344,629**	**$ 189,965**	**$ 1,534,594**	$ 1,654,303	**$ 119,709**
1935	Stores Equipment			$ -	$ 5,728		$ 5,728			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1940	Tools, Shop & Garage Equipment			$ -	$ 4,063,502		$ 4,063,502	$ 319,444		0.00%	7.40	13.51%	$ -	**$ 549,122**	**$ 21,584**	**$ 570,706**	$ 478,984	**-$ 91,722**
1945	Measurement & Testing Equipment			$ -	$ 228,830		$ 228,830	$ 1,024		0.00%	8.71	11.48%	$ -	**$ 26,272**	**$ 59**	**$ 26,331**	$ 24,724	**-$ 1,607**
1950	Power Operated Equipment			$ -	$ 3,251,887		$ 3,251,887	-$ 2,187,918		0.00%	15.00	6.67%	$ -	**$ 216,792**	**-$ 72,931**	**$ 143,862**	-$ 70,641	**-$ 214,503**
1955	Communications Equipment			$ -	$ 3,301,761		$ 3,301,761	$ 5,668,530		0.00%	8.00	12.50%	$ -	**$ 412,720**	**$ 354,283**	**$ 767,003**	$ 734,781	**-$ 32,222**
1955	Communication Equipment (Smart Meters)			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1960	Miscellaneous Equipment			$ -	$ 248,697		$ 248,697	$ 12,813		0.00%	6.94	14.41%	$ -	**$ 35,835**	**$ 923**	**$ 36,758**	$ 36,041	**-$ 717**
1970	Load Management Controls Customer Premises			$ -	$ 134,245	$ 122,866	$ 11,379			0.00%	5.00	20.00%	$ -	**$ 2,276**	**$ -**	**$ 2,276**	$ 1,613	**-$ 663**
1975	Load Management Controls Utility Premises			$ -	$ 17,974		$ 17,974			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1980	System Supervisor Equipment			$ -	$ 6,816,842		$ 6,816,842	$ 1,084,733		0.00%	10.40	9.62%	$ -	**$ 655,466**	**$ 52,151**	**$ 707,616**	$ 722,352	**$ 14,736**
1985	Miscellaneous Fixed Assets			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
1990	Other Tangible Property			$ -			$ -			0.00%		0.00%	$ -	**$ -**	**$ -**	**$ -**		**$ -**
2440	Contributions & Grants			$ -	-$ 70,131,608		-$ 70,131,608	-$24,998,607		0.00%	40.00	2.50%	$ -	**-$ 1,753,290**	**-$ 312,483**	**-$ 2,065,773**	-$ 2,262,065	**-$ 196,292**
1609	Capital Contributions Paid				$ 20,089,251		$ 20,089,251	$ 686,500		0.00%	45.62	2.19%	$ -	**$ 440,361**	**$ 7,524**	**$ 447,885**	$ 451,404	**$ 3,519**
	Total	**$ -**	**$ -**	**$ -**	**$ 922,122,521**	**$ 7,230,917**	**$ 914,891,604**	**$ 97,685,684**					**$ -**	**$ 38,642,354**	**$ 2,739,048**	**$ 41,381,402**	**$ 41,663,582**	**$ 282,180**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.	2018	MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 64,971,896	$ 5,450,194	$ 59,521,702	$ 1,656,811		0.00%	7.29	13.72%	$ -	$ 8,164,843	$ 113,636	$ 8,278,478	$ 8,972,088	$ 693,610
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,293,622	$ 4	$ 2,293,618	-$ 5,223		0.00%	38.69	2.58%	$ -	$ 59,282	-$ 67	$ 59,214	$ 59,148	-$ 66
1805	Land			$ -	$ 4,649,025		$ 4,649,025	$ 3,509		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings			$ -	$ 28,801,829	$ 238,001	$ 28,563,828	$ 860,484		0.00%	46.64	2.14%	$ -	$ 612,432	$ 9,225	$ 621,657	$ 774,847	$ 153,190
1810	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 86,786,028	$ 231,604	$ 86,554,424	$ 327,621		0.00%	24.45	4.09%	$ -	$ 3,540,058	$ 6,700	$ 3,546,758	$ 3,057,779	-$ 488,979
1820	Distribution Station Equipment <50 kV			$ -	$ 105,595,435	$ 2,905,328	$ 102,690,107	$ 11,020,767		0.00%	25.79	3.88%	$ -	$ 3,981,780	$ 213,664	$ 4,195,444	$ 3,890,510	-$ 304,934
1825	Storage Battery Equipment			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures			$ -	$ 117,400,041		$ 117,400,041	$ 11,013,471		0.00%	41.61	2.40%	$ -	$ 2,821,438	$ 132,342	$ 2,953,780	$ 3,079,814	$ 126,034
1835	Overhead Conductors & Devices			$ -	$ 108,616,907	$ 47,638	$ 108,569,269	$ 12,558,766		0.00%	43.00	2.33%	$ -	$ 2,524,867	$ 146,032	$ 2,670,899	$ 2,992,071	$ 321,172
1840	Underground Conduit			$ -	$ 144,674,403		$ 144,674,403	$ 38,532,726		0.00%	38.56	2.59%	$ -	$ 3,751,930	$ 499,646	$ 4,251,576	$ 4,751,068	$ 499,492
1845	Underground Conductors & Devices			$ -	$ 143,156,133	$ 483,024	$ 142,673,109	$ 15,797,489		0.00%	31.92	3.13%	$ -	$ 4,469,709	$ 247,454	$ 4,717,163	$ 5,024,001	$ 306,838
1850	Line Transformers			$ -	$ 79,264,375		$ 79,264,375	$ 8,450,827		0.00%	30.65	3.26%	$ -	$ 2,586,113	$ 137,860	$ 2,723,974	$ 2,766,069	$ 42,095
1855	Services (Overhead & Underground)			$ -	$ 61,034,096		$ 61,034,096	$ 6,319,026		0.00%	38.80	2.58%	$ -	$ 1,573,044	$ 81,431	$ 1,654,474	$ 1,735,758	$ 81,284
1860	Meters			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1860	Meters (Smart Meters)			$ -	$ 40,577,781		$ 40,577,781	$ 2,940,398		0.00%	9.21	10.86%	$ -	$ 4,405,839	$ 159,631	$ 4,565,470	$ 4,591,778	$ 26,308
1905	Land			$ -	$ 20,559,542		$ 20,559,542			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1908	Buildings & Fixtures			$ -	$ 32,433,353	$ 326,031	$ 32,107,322	$ 2,763,337		0.00%	19.97	5.01%	$ -	$ 1,607,778	$ 69,187	$ 1,676,965	$ 1,752,402	$ 75,437
1910	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 1,407,352	$ 265,335	$ 1,142,017	$ 208,480		0.00%	7.29	13.72%	$ -	$ 156,655	$ 14,299	$ 170,954	$ 147,809	-$ 23,145
1915	Office Furniture & Equipment (5 years)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 6,804,105		$ 6,804,105	$ 2,030,340		0.00%	5.11	19.57%	$ -	$ 1,331,527	$ 198,663	$ 1,530,191	$ 1,397,366	-$ 132,825
1930	Transportation Equipment			$ -	$ 17,351,961	$ 379,668	$ 16,972,293	$ 165,604		0.00%	10.26	9.75%	$ -	$ 1,654,220	$ 8,070	$ 1,662,290	$ 1,482,542	-$ 179,748
1935	Stores Equipment			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1940	Tools, Shop & Garage Equipment			$ -	$ 3,543,471		$ 3,543,471	$ 652,919		0.00%	8.44	11.85%	$ -	$ 419,843	$ 38,680	$ 458,523	$ 461,520	$ 2,997
1945	Measurement & Testing Equipment			$ -	$ 215,441		$ 215,441			0.00%	8.69	11.51%	$ -	$ 24,792	$ -	$ 24,792	$ 24,106	-$ 686
1950	Power Operated Equipment			$ -	$ 1,063,969	$ 8,744	$ 1,055,225	-$ 79,133		0.00%	15.00	6.67%	$ -	$ 70,348	-$ 2,638	$ 67,711	$ 84,639	$ 16,928
1955	Communications Equipment			$ -	$ 8,318,463		$ 8,318,463	$ 2,671,824		0.00%	8.72	11.47%	$ -	$ 953,952	$ 153,201	$ 1,107,153	$ 1,140,481	$ 33,328
1955	Communication Equipment (Smart Meters)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment			$ -	$ 250,120		$ 250,120	$ 5,071		0.00%	7.09	14.10%	$ -	$ 35,278	$ 358	$ 35,635	$ 32,994	-$ 2,641
1970	Load Management Controls Customer Premises			$ -	$ 134,245	$ 134,245	$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1975	Load Management Controls Utility Premises			$ -	$ 17,974		$ 17,974			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1980	System Supervisor Equipment			$ -	$ 7,718,025	$ 95,706	$ 7,622,319	$ 3,754,253		0.00%	11.86	8.43%	$ -	$ 642,691	$ 158,274	$ 800,965	$ 825,702	$ 24,737
1985	Miscellaneous Fixed Assets			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants			$ -	-$ 95,130,215		-$ 95,130,215	-$ 22,598,352		0.00%	38.79	2.58%	$ -	-$ 2,452,442	-$ 291,291	-$ 2,743,733	-$ 2,949,679	-$ 205,946
1609	Capital Contributions Paid				$ 20,775,751		$ 20,775,751	$ 2,199,818		0.00%	45.00	2.22%	$ -	$ 461,683	$ 24,442	$ 486,126	$ 480,702	-$ 5,424
	Total	**$ -**	**$ -**	**$ -**	**$ 1,013,285,128**	**$ 10,565,522**	**$ 1,002,719,606**	**$ 101,250,833**					**$ -**	**$ 43,397,660**	**$ 2,118,799**	**$ 45,516,459**	**$ 46,575,515**	**$ 1,059,056**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.	2019	MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 66,628,705	$ 7,533,163	$ 59,095,542	$ 1,245,295		0.00%	9.00	11.11%	$ -	$ 6,566,171	$ 69,183	$ 6,635,354	$ 6,286,604	-$ 348,750
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,288,399	$ 4	$ 2,288,395	$ -		0.00%	39.00	2.56%	$ -	$ 58,677	$ -	$ 58,677	$ 59,341	$ 664
1805	Land			$ -	$ 4,652,534		$ 4,652,534	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings			$ -	$ 29,662,313	$ 327,320	$ 29,334,993	$ 526,950		0.00%	38.00	2.63%	$ -	$ 771,974	$ 6,934	$ 778,907	$ 785,367	$ 6,460
1810	Leasehold Improvements			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 87,113,649	$ 309,325	$ 86,804,324	$24,354,489		0.00%	30.00	3.33%	$ -	$ 2,893,477	$ 405,908	$ 3,299,386	$ 3,289,916	-$ 9,470
1820	Distribution Station Equipment <50 kV			$ -	$ 116,486,704	$ 2,913,792	$ 113,572,912	$20,145,419		0.00%	30.00	3.33%	$ -	$ 3,785,764	$ 335,757	$ 4,121,521	$ 4,175,623	$ 54,102
1825	Storage Battery Equipment			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures			$ -	$ 128,238,649		$ 128,238,649	$ 7,501,125		0.00%	40.00	2.50%	$ -	$ 3,205,966	$ 93,764	$ 3,299,730	$ 3,314,565	$ 14,835
1835	Overhead Conductors & Devices			$ -	$ 121,173,565	$ 89,197	$ 121,084,368	$ 9,173,993		0.00%	38.00	2.63%	$ -	$ 3,186,431	$ 120,710	$ 3,307,141	$ 3,281,774	-$ 25,367
1840	Underground Conduit			$ -	$ 183,207,129		$ 183,207,129	$26,346,152		0.00%	34.00	2.94%	$ -	$ 5,388,445	$ 387,443	$ 5,775,888	$ 5,627,617	-$ 148,271
1845	Underground Conductors & Devices			$ -	$ 158,561,750	$ 695,152	$ 157,866,598	$16,249,030		0.00%	30.00	3.33%	$ -	$ 5,262,220	$ 270,817	$ 5,533,037	$ 5,458,679	-$ 74,358
1850	Line Transformers			$ -	$ 87,689,119		$ 87,689,119	$ 5,353,062		0.00%	30.00	3.33%	$ -	$ 2,922,971	$ 89,218	$ 3,012,188	$ 3,007,650	-$ 4,538
1855	Services (Overhead & Underground)			$ -	$ 67,353,122		$ 67,353,122	$ 2,588,037		0.00%	38.00	2.63%	$ -	$ 1,772,451	$ 34,053	$ 1,806,504	$ 1,792,259	-$ 14,245
1860	Meters			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)			$ -	$ 42,379,461		$ 42,379,461	$ 5,227,941		0.00%	10.00	10.00%	$ -	$ 4,237,946	$ 261,397	$ 4,499,343	$ 4,794,834	$ 295,491
1905	Land			$ -	$ 20,559,542		$ 20,559,542	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 1,348	$ 1,348
1908	Buildings & Fixtures			$ -	$ 35,196,689	$ 399,989	$ 34,796,700	$80,442,974		0.00%	24.00	4.17%	$ -	$ 1,449,863	$ 1,675,895	$ 3,125,758	$ 3,023,314	-$ 102,444
1910	Leasehold Improvements			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 1,615,831	$ 538,248	$ 1,077,583	$ 3,162,199		0.00%	10.00	10.00%	$ -	$ 107,758	$ 158,110	$ 265,868	$ 337,320	$ 71,452
1915	Office Furniture & Equipment (5 years)			$ -			$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equipment - Hardware			$ -			$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 8,599,983	$ 1,408,900	$ 7,191,083	$ 5,052,231		0.00%	6.00	16.67%	$ -	$ 1,198,514	$ 421,019	$ 1,619,533	$ 1,634,805	$ 15,272
1930	Transportation Equipment			$ -	$ 17,432,618	$ 675,181	$ 16,757,437	$ 1,341,766		0.00%	10.00	10.00%	$ -	$ 1,675,744	$ 67,088	$ 1,742,832	$ 1,674,195	-$ 68,637
1935	Stores Equipment			$ -	$ -		$ -	$ 562,235		0.00%	10.00	10.00%	$ -	$ -	$ 28,112	$ 28,112	$ 28,201	$ 89
1940	Tools, Shop & Garage Equipment			$ -	$ 4,196,389	$ 302,427	$ 3,893,962	$ 484,629		0.00%	10.00	10.00%	$ -	$ 389,396	$ 24,231	$ 413,628	$ 456,462	$ 42,834
1945	Measurement & Testing Equipment			$ -	$ 215,441	$ 5,974	$ 209,467	$ 36,858		0.00%	9.00	11.11%	$ -	$ 23,274	$ 2,048	$ 25,322	$ 25,285	-$ 37
1950	Power Operated Equipment			$ -	$ 984,836	$ 14,694	$ 970,142	$ 113,601		0.00%	11.00	9.09%	$ -	$ 88,195	$ 5,164	$ 93,358	$ 85,006	-$ 8,352
1955	Communications Equipment			$ -	$ 10,990,288	$ 30,391	$ 10,959,897	$ 3,457,104		0.00%	9.00	11.11%	$ -	$ 1,217,766	$ 192,061	$ 1,409,828	$ 1,434,564	$ 24,736
1955	Communication Equipment (Smart Meters)			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment			$ -	$ 255,191	$ 21,376	$ 233,815	$ 934		0.00%	7.00	14.29%	$ -	$ 33,402	$ 67	$ 33,469	$ 27,490	-$ 5,979
1970	Load Management Controls Customer Premises			$ -	$ 134,245		$ 134,245	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1975	Load Management Controls Utility Premises			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1980	System Supervisor Equipment			$ -	$ 11,472,277	$ 214,044	$ 11,258,233	$ 2,286,989		0.00%	10.00	10.00%	$ -	$ 1,125,823	$ 114,349	$ 1,240,173	$ 1,230,228	-$ 9,945
1985	Miscellaneous Fixed Assets			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	-	$ -
1990	Other Tangible Property			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	-	$ -
2440	Contributions & Grants			$ -	-$ 117,728,566		-$ 117,728,566	-$26,315,568		0.00%	32.00	3.13%	$ -	-$ 3,679,018	-$ 411,181	-$ 4,090,198	-$ 3,983,554	$ 106,644
1609	Capital Contributions Paid				$ 22,975,568		$ 22,975,568	$12,075,528		0.00%	45.00	2.22%	$ -	$ 510,568	$ 134,173	$ 644,741	$ 627,157	-$ 17,584
	Total	**$ -**	**$ -**	**$ -**	**$ 1,112,335,431**	**$ 15,479,177**	**$ 1,096,856,254**	**$201,412,973**					**$ -**	**$ 44,193,778**	**$ 4,486,321**	**$ 48,680,099**	**$ 48,476,050**	**-$ 204,049**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1. This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.
2. This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.
3. A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.
4. The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5. OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6. The applicant must provide an explanation of material variances in evidence.
7. This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8. This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.	2020	MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 67,874,000	$ 12,872,126	$ 55,001,874	$13,030,880		0.00%	9.00	11.11%	$ -	$ 6,111,319	$ 723,938	$ 6,835,257	$ 6,468,113	-$ 367,144
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,288,399	$ 4	$ 2,288,395	$ 8,306		0.00%	39.00	2.56%	$ -	$ 58,677	$ 106	$ 58,783	$ 59,409	$ 626
1805	Land			$ -	$ 4,652,534		$ 4,652,534	$ 1,047		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1808	Buildings			$ -	$ 30,189,263	$ 327,320	$ 29,861,943	$ 707,754		0.00%	38.00	2.63%	$ -	$ 785,841	$ 9,313	$ 795,153	$ 802,687	$ 7,534
1810	Leasehold Improvements			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 111,468,138	$ 1,004,348	$ 110,463,790	$ 3,148,680		0.00%	30.00	3.33%	$ -	$ 3,682,126	$ 52,478	$ 3,734,604	$ 3,669,308	-$ 65,296
1820	Distribution Station Equipment <50 kV			$ -	$ 136,391,519	$ 3,513,471	$ 132,878,048	$ 5,860,007		0.00%	31.00	3.23%	$ -	$ 4,286,389	$ 94,516	$ 4,380,905	$ 4,450,661	$ 69,756
1825	Storage Battery Equipment			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1830	Poles, Towers & Fixtures			$ -	$ 135,443,356		$ 135,443,356	$ 9,394,503		0.00%	40.00	2.50%	$ -	$ 3,386,084	$ 117,431	$ 3,503,515	$ 3,480,842	-$ 22,673
1835	Overhead Conductors & Devices			$ -	$ 130,157,667	$ 135,161	$ 130,022,506	$16,910,513		0.00%	39.00	2.56%	$ -	$ 3,333,910	$ 216,801	$ 3,550,712	$ 3,592,858	$ 42,146
1840	Underground Conduit			$ -	$ 209,553,281	$ 371,435	$ 209,181,846	$23,166,955		0.00%	36.00	2.78%	$ -	$ 5,810,607	$ 321,763	$ 6,132,370	$ 6,137,186	$ 4,816
1845	Underground Conductors & Devices			$ -	$ 174,458,286	$ 959,525	$ 173,498,761	$24,832,592		0.00%	31.00	3.23%	$ -	$ 5,596,734	$ 400,526	$ 5,997,260	$ 5,978,466	-$ 18,794
1850	Line Transformers			$ -	$ 92,877,608		$ 92,877,608	$ 8,055,161		0.00%	30.00	3.33%	$ -	$ 3,095,920	$ 134,253	$ 3,230,173	$ 3,187,549	-$ 42,624
1855	Services (Overhead & Underground)			$ -	$ 69,941,159	$ 44,179	$ 69,896,980	$ 4,568,833		0.00%	38.00	2.63%	$ -	$ 1,839,394	$ 60,116	$ 1,899,510	$ 1,911,293	$ 11,783
1860	Meters			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1860	Meters (Smart Meters)			$ -	$ 47,111,778		$ 47,111,778	$ 5,077,444		0.00%	10.00	10.00%	$ -	$ 4,711,178	$ 253,872	$ 4,965,050	$ 5,049,583	$ 84,533
1905	Land			$ -	$ 19,942,005		$ 19,942,005	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 4,047	$ 4,047
1908	Buildings & Fixtures			$ -	$ 94,602,822	$ 394,976	$ 94,207,846	$ 681,128		0.00%	31.00	3.23%	$ -	$ 3,038,963	$ 10,986	$ 3,049,949	$ 3,025,591	-$ 24,358
1910	Leasehold Improvements			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 4,778,030	$ 646,173	$ 4,131,857	$ 100,766		0.00%	10.00	10.00%	$ -	$ 413,186	$ 5,038	$ 418,224	$ 425,555	$ 7,331
1915	Office Furniture & Equipment (5 years)			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equipment - Hardware			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 13,652,215	$ 2,908,975	$ 10,743,240	$ 1,602,325		0.00%	7.00	14.29%	$ -	$ 1,534,749	$ 114,452	$ 1,649,200	$ 1,762,186	$ 112,986
1930	Transportation Equipment			$ -	$ 18,463,661	$ 1,770,698	$ 16,692,963	$ 180,773		0.00%	11.00	9.09%	$ -	$ 1,517,542	$ 8,217	$ 1,525,759	$ 1,560,773	$ 35,014
1935	Stores Equipment			$ -	$ 562,235		$ 562,235	$ -		0.00%	10.00	10.00%	$ -	$ 56,224	$ -	$ 56,224	$ 56,225	$ 2
1940	Tools, Shop & Garage Equipment			$ -	$ 4,681,018	$ 577,242	$ 4,103,776	$ 449,596		0.00%	10.00	10.00%	$ -	$ 410,378	$ 22,480	$ 432,857	$ 446,365	$ 13,508
1945	Measurement & Testing Equipment			$ -	$ 252,299	$ 5,974	$ 246,325	$ -		0.00%	9.00	11.11%	$ -	$ 27,369	$ -	$ 27,369	$ 27,197	-$ 172
1950	Power Operated Equipment			$ -	$ 1,098,437	$ 14,694	$ 1,083,743	$ 354,695		0.00%	14.00	7.14%	$ -	$ 77,410	$ 12,668	$ 90,078	$ 89,524	-$ 554
1955	Communications Equipment			$ -	$ 14,447,391	$ 31,917	$ 14,415,474	$ 1,014,293		0.00%	10.00	10.00%	$ -	$ 1,441,547	$ 50,715	$ 1,492,262	$ 1,560,031	$ 67,769
1955	Communication Equipment (Smart Meters)			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1960	Miscellaneous Equipment			$ -	$ 256,125	$ 58,420	$ 197,705	$ 146,074		0.00%	10.00	10.00%	$ -	$ 19,771	$ 7,304	$ 27,074	$ 28,333	$ 1,259
1970	Load Management Controls Customer Premises			$ -	$ -		$ -	$ 147,418		0.00%	10.00	10.00%	$ -	$ -	$ 7,371	$ 7,371	$ 7,371	$ 0
1975	Load Management Controls Utility Premises			$ -	$ -		$ -	$ 90,380		0.00%	10.00	10.00%	$ -	$ -	$ 4,519	$ 4,519	$ 4,519	$ -
1980	System Supervisor Equipment			$ -	$ 13,759,266	$ 600,651	$ 13,158,615	$ 1,013,957		0.00%	11.00	9.09%	$ -	$ 1,196,238	$ 46,089	$ 1,242,327	$ 1,235,550	-$ 6,777
1985	Miscellaneous Fixed Assets			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -	$ -	$ -
1990	Other Tangible Property			$ -	$ -		$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants			$ -	-$ 144,044,134		-$ 144,044,134	-$38,682,612		0.00%	32.00	3.13%	$ -	-$ 4,501,379	-$ 604,416	-$ 5,105,795	-$ 5,089,115	$ 16,680
1609	Capital Contributions Paid				$ 35,051,096		$ 35,051,096	$ 910,000		0.00%	45.00	2.22%	$ -	$ 778,913	$ 10,111	$ 789,024	$ 790,975	$ 1,951
	Total	**$ -**	**$ -**	**$ -**	**$ 1,289,909,454**	**$ 26,237,289**	**$ 1,263,672,165**	**$ 82,771,468**					**$ -**	**$ 48,709,089**	**$ 2,080,647**	**$ 50,789,736**	**$ 50,723,082**	**-$ 66,654**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1. This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.
2. This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.
3. A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.
4. The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5. OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6. The applicant must provide an explanation of material variances in evidence.
7. This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8. This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.	2021	MIFRS

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 80,904,881	$ 19,010,885	$ 61,893,996	$10,944,631		0.00%	9.00	11.11%	$ -	$ 6,877,111	$ 608,035	$ 7,485,146	$ 7,305,676	-$ 179,470
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,296,705	$ 4	$ 2,296,701	$ 13,268		0.00%	39.00	2.56%	$ -	$ 58,890	$ 170	$ 59,060	$ 59,497	$ 437
1805	Land			$ -	$ 4,653,581		$ 4,653,581	$ 1,569		0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1808	Buildings			$ -	$ 30,897,017	$ 390,060	$ 30,506,957	$ 724,819		0.00%	38.00	2.63%	$ -	$ 802,815	$ 9,537	$ 812,352	$ 818,992	$ 6,640
1810	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 114,616,818	$ 1,429,027	$ 113,187,791	$ 8,247,498		0.00%	32.00	3.13%	$ -	$ 3,537,118	$ 128,867	$ 3,665,986	$ 3,757,680	$ 91,694
1820	Distribution Station Equipment <50 kV			$ -	$ 142,155,345	$ 4,398,489	$ 137,756,856	$13,738,471		0.00%	32.00	3.13%	$ -	$ 4,304,902	$ 214,664	$ 4,519,565	$ 4,462,581	-$ 56,984
1825	Storage Battery Equipment			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1830	Poles, Towers & Fixtures			$ -	$ 144,524,157		$ 144,524,157	$ 8,715,471		0.00%	41.00	2.44%	$ -	$ 3,524,979	$ 106,286	$ 3,631,266	$ 3,673,027	$ 41,761
1835	Overhead Conductors & Devices			$ -	$ 146,837,636	$ 196,375	$ 146,641,261	$11,400,338		0.00%	39.00	2.56%	$ -	$ 3,760,032	$ 146,158	$ 3,906,191	$ 3,938,401	$ 32,210
1840	Underground Conduit			$ -	$ 232,720,235	$ 438,127	$ 232,282,108	$25,696,125		0.00%	37.00	2.70%	$ -	$ 6,277,895	$ 347,245	$ 6,625,140	$ 6,713,783	$ 88,643
1845	Underground Conductors & Devices			$ -	$ 198,931,809	$ 1,438,679	$ 197,493,130	$26,000,462		0.00%	32.00	3.13%	$ -	$ 6,171,660	$ 406,257	$ 6,577,918	$ 6,661,033	$ 83,115
1850	Line Transformers			$ -	$ 100,712,202		$ 100,712,202	$ 8,365,754		0.00%	31.00	3.23%	$ -	$ 3,248,781	$ 134,932	$ 3,383,712	$ 3,405,578	$ 21,866
1855	Services (Overhead & Underground)			$ -	$ 74,509,992	$ 44,179	$ 74,465,813	$ 4,404,116		0.00%	38.00	2.63%	$ -	$ 1,959,627	$ 57,949	$ 2,017,576	$ 2,006,006	-$ 11,570
1860	Meters			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1860	Meters (Smart Meters)			$ -	$ 51,768,531		$ 51,768,531	$ 7,490,281		0.00%	12.00	8.33%	$ -	$ 4,314,044	$ 312,095	$ 4,626,139	$ 4,812,311	$ 186,172
1905	Land			$ -	$ 19,942,005		$ 19,942,005			0.00%		0.00%	$ -	$ -	$ -	$ -	$ 4,047	$ 4,047
1908	Buildings & Fixtures			$ -	$ 95,283,950	$ 443,437	$ 94,840,513	$ 2,342,569		0.00%	31.00	3.23%	$ -	$ 3,059,371	$ 37,783	$ 3,097,155	$ 3,116,870	$ 19,715
1910	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 4,878,795	$ 709,786	$ 4,169,009	$ 75,574		0.00%	10.00	10.00%	$ -	$ 416,901	$ 3,779	$ 420,680	$ 416,853	-$ 3,827
1915	Office Furniture & Equipment (5 years)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1920	Computer Equipment - Hardware			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 15,254,540	$ 4,269,614	$ 10,984,926	$ 1,582,441		0.00%	6.00	16.67%	$ -	$ 1,830,821	$ 131,870	$ 1,962,691	$ 1,884,900	-$ 77,791
1930	Transportation Equipment			$ -	$ 18,616,669	$ 2,058,092	$ 16,558,577	$ 6,124,426		0.00%	16.00	6.25%	$ -	$ 1,034,911	$ 191,388	$ 1,226,299	$ 1,220,734	-$ 5,565
1935	Stores Equipment			$ -	$ 562,235		$ 562,235			0.00%	10.00	10.00%	$ -	$ 56,224	$ -	$ 56,224	$ 56,224	$ 1
1940	Tools, Shop & Garage Equipment			$ -	$ 5,130,613	$ 951,720	$ 4,178,893	$ 473,651		0.00%	10.00	10.00%	$ -	$ 417,889	$ 23,683	$ 441,572	$ 440,309	-$ 1,263
1945	Measurement & Testing Equipment			$ -	$ 252,299	$ 5,974	$ 246,325			0.00%	10.00	10.00%	$ -	$ 24,633	$ -	$ 24,633	$ 27,132	$ 2,500
1950	Power Operated Equipment			$ -	$ 1,369,257	$ 20,015	$ 1,349,242	$ 163,845		0.00%	15.00	6.67%	$ -	$ 89,949	$ 5,462	$ 95,411	$ 99,140	$ 3,729
1955	Communications Equipment			$ -	$ 15,461,685	$ 410,286	$ 15,051,399	$ 3,510,634		0.00%	9.00	11.11%	$ -	$ 1,672,378	$ 195,035	$ 1,867,413	$ 1,786,969	-$ 80,444
1955	Communication Equipment (Smart Meters)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -	$-	$ -
1960	Miscellaneous Equipment			$ -	$ 402,199	$ 100,653	$ 301,546	$ 497,344		0.00%	12.00	8.33%	$ -	$ 25,129	$ 20,723	$ 45,852	$ 53,845	$ 7,994
1970	Load Management Controls Customer Premises			$ -	$ 147,418		$ 147,418	$ 707,619		0.00%	10.00	10.00%	$ -	$ 14,742	$ 35,381	$ 50,123	$ 50,123	$ 0
1975	Load Management Controls Utility Premises			$ -	$ 90,380		$ 90,380	$ 393,529		0.00%	10.00	10.00%	$ -	$ 9,038	$ 19,676	$ 28,714	$ 28,714	-$ 0
1980	System Supervisor Equipment			$ -	$ 14,773,223	$ 1,175,775	$ 13,597,448	$ 1,576,567		0.00%	11.00	9.09%	$ -	$ 1,236,132	$ 71,662	$ 1,307,794	$ 1,261,664	-$ 46,130
1985	Miscellaneous Fixed Assets			$ -			$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property			$ -			$ -	$ -		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants			$ -	-$ 182,726,746		-$ 182,726,746	-$43,275,244		0.00%	31.00	3.23%	$ -	-$ 5,894,411	-$ 697,988	-$ 6,592,399	-$ 6,700,322	-$ 107,923
1609	Capital Contributions Paid				$ 35,961,096		$ 35,961,096	$51,223,891		0.00%	45.00	2.22%	$ -	$ 799,135	$ 569,154	$ 1,368,290	$ 1,088,293	-$ 279,997
	Total	**$ -**	**$ -**	**$ -**	**$ 1,370,928,527**	**$ 37,491,177**	**$ 1,333,437,350**	**$151,139,649**					**$ -**	**$ 49,630,695**	**$ 3,079,804**	**$ 52,710,499**	**$ 52,450,060**	**-$ 260,439**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1. This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.
2. This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.
3. A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.
4. The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5. OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6. The applicant must provide an explanation of material variances in evidence.
7. This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8. This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).		
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.	2022	MIFRS

		Book Values						
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions
		a	b	c = a-b	d	e	f = d- e	g
1611	Computer Software (Formally known as Account 1925)			$ -	$ 91,849,511	$ 20,115,390	$ 71,734,121	$ 6,322,378
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,309,973	$ 4	$ 2,309,969	$ 13,040
1805	Land			$ -	$ 4,655,150		$ 4,655,150	$ 162,462
1808	Buildings			$ -	$ 31,621,836	$ 393,954	$ 31,227,882	$ 8,365,966
1810	Leasehold Improvements			$ -			$ -	
1815	Transformer Station Equipment >50 kV			$ -	$ 122,864,316	$ 1,596,720	$ 121,267,596	$25,611,949
1820	Distribution Station Equipment <50 kV			$ -	$ 155,797,635	$ 5,423,510	$ 150,374,125	$10,005,389
1825	Storage Battery Equipment			$ -			$ -	
1830	Poles, Towers & Fixtures			$ -	$ 152,925,924		$ 152,925,924	$ 9,161,771
1835	Overhead Conductors & Devices			$ -	$ 158,007,430	$ 260,755	$ 157,746,675	$13,334,739
1840	Underground Conduit			$ -	$ 258,416,361	$ 646,304	$ 257,770,057	$22,225,040
1845	Underground Conductors & Devices			$ -	$ 224,573,202	$ 1,604,583	$ 222,968,619	$21,007,287
1850	Line Transformers			$ -	$ 108,857,389	$ 25,863	$ 108,831,526	$ 8,143,668
1855	Services (Overhead & Underground)			$ -	$ 78,914,108	$ 44,179	$ 78,869,929	$ 4,563,872
1860	Meters			$ -			$ -	
1860	Meters (Smart Meters)			$ -	$ 58,145,143	$ 6,259,912	$ 51,885,231	$ 6,927,890
1905	Land			$ -	$ 19,942,005		$ 19,942,005	
1908	Buildings & Fixtures			$ -	$ 97,626,519	$ 445,220	$ 97,181,299	$ 427,760
1910	Leasehold Improvements			$ -			$ -	
1915	Office Furniture & Equipment (10 years)			$ -	$ 4,954,370	$ 879,564	$ 4,074,806	$ 75,574
1915	Office Furniture & Equipment (5 years)			$ -			$ -	
1920	Computer Equipment - Hardware			$ -			$ -	
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -	
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 16,836,981	$ 4,923,978	$ 11,913,003	$ 2,618,294
1930	Transportation Equipment			$ -	$ 22,919,531	$ 3,685,023	$ 19,234,508	$ 5,223,986
1935	Stores Equipment			$ -	$ 562,235		$ 562,235	
1940	Tools, Shop & Garage Equipment			$ -	$ 5,604,265	$ 1,286,544	$ 4,317,721	$ 474,390
1945	Measurement & Testing Equipment			$ -	$ 252,299	$ 5,974	$ 246,325	
1950	Power Operated Equipment			$ -	$ 1,481,615	$ 131,713	$ 1,349,902	
1955	Communications Equipment			$ -	$ 18,972,319	$ 723,119	$ 18,249,200	$ 1,470,337
1955	Communication Equipment (Smart Meters)			$ -			$ -	
1960	Miscellaneous Equipment			$ -	$ 899,543	$ 150,806	$ 748,737	$ 44,197
1970	Load Management Controls Customer Premises			$ -	$ 855,037		$ 855,037	$ 63,752
1975	Load Management Controls Utility Premises			$ -	$ 483,909		$ 483,909	$ 49,475
1980	System Supervisor Equipment			$ -	$ 16,349,790	$ 1,370,361	$ 14,979,429	$ 1,701,727
1985	Miscellaneous Fixed Assets			$ -			$ -	
1990	Other Tangible Property			$ -			$ -	
2440	Contributions & Grants			$ -	-$ 226,001,990		-$ 226,001,990	-$27,430,613
1609	Capital Contributions Paid				$ 87,184,987		$ 87,184,987	$ 210,000
	Total	**$ -**	**$ -**	**$ -**	**$ 1,517,861,393**	**$ 49,973,476**	**$ 1,467,887,917**	**$120,774,330**

		Service Lives				Depreciation Expense					
Account	Description	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)		0.00%	9.00	11.11%	$ -	$ 7,970,458	$ 351,243	$ 8,321,701	$ 8,607,321	$ 285,620
1612	Land Rights (Formally known as Account 1906)		0.00%	39.00	2.56%	$ -	$ 59,230	$ 167	$ 59,397	$ 59,760	$ 363
1805	Land		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings		0.00%	43.00	2.33%	$ -	$ 726,230	$ 97,279	$ 823,508	$ 934,231	$ 110,723
1810	Leasehold Improvements		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV		0.00%	30.00	3.33%	$ -	$ 4,042,253	$ 426,866	$ 4,469,119	$ 4,359,904	-$ 109,215
1820	Distribution Station Equipment <50 kV		0.00%	33.00	3.03%	$ -	$ 4,556,792	$ 151,597	$ 4,708,388	$ 4,699,714	-$ 8,674
1825	Storage Battery Equipment		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures		0.00%	41.00	2.44%	$ -	$ 3,729,901	$ 111,729	$ 3,841,630	$ 3,870,235	$ 28,606
1835	Overhead Conductors & Devices		0.00%	38.00	2.63%	$ -	$ 4,151,228	$ 175,457	$ 4,326,685	$ 4,247,939	-$ 78,746
1840	Underground Conduit		0.00%	37.00	2.70%	$ -	$ 6,966,758	$ 300,338	$ 7,267,097	$ 7,282,382	$ 15,285
1845	Underground Conductors & Devices		0.00%	31.00	3.23%	$ -	$ 7,192,536	$ 338,827	$ 7,531,363	$ 7,322,791	-$ 208,572
1850	Line Transformers		0.00%	31.00	3.23%	$ -	$ 3,510,694	$ 131,349	$ 3,642,044	$ 3,638,351	-$ 3,693
1855	Services (Overhead & Underground)		0.00%	38.00	2.63%	$ -	$ 2,075,524	$ 60,051	$ 2,135,575	$ 2,105,656	-$ 29,919
1860	Meters		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1860	Meters (Smart Meters)		0.00%	13.00	7.69%	$ -	$ 3,991,172	$ 266,457	$ 4,257,629	$ 4,261,148	$ 3,519
1905	Land		0.00%		0.00%	$ -	$ -	$ -	$ -	$ 4,047	$ 4,047
1908	Buildings & Fixtures		0.00%	31.00	3.23%	$ -	$ 3,134,881	$ 6,899	$ 3,141,780	$ 3,185,739	$ 43,959
1910	Leasehold Improvements		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)		0.00%	10.00	10.00%	$ -	$ 407,481	$ 3,779	$ 411,259	$ 407,568	-$ 3,691
1915	Office Furniture & Equipment (5 years)		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)		0.00%	6.00	16.67%	$ -	$ 1,985,501	$ 218,191	$ 2,203,692	$ 2,172,161	-$ 31,531
1930	Transportation Equipment		0.00%	13.00	7.69%	$ -	$ 1,479,578	$ 200,923	$ 1,680,500	$ 1,577,489	-$ 103,011
1935	Stores Equipment		0.00%	10.00	10.00%	$ -	$ 56,224	$ -	$ 56,224	$ 56,224	$ 1
1940	Tools, Shop & Garage Equipment		0.00%	10.00	10.00%	$ -	$ 431,772	$ 23,720	$ 455,492	$ 441,144	-$ 14,348
1945	Measurement & Testing Equipment		0.00%	12.00	8.33%	$ -	$ 20,527	$ -	$ 20,527	$ 20,382	-$ 145
1950	Power Operated Equipment		0.00%	13.00	7.69%	$ -	$ 103,839	$ -	$ 103,839	$ 102,206	-$ 1,633
1955	Communications Equipment		0.00%	9.00	11.11%	$ -	$ 2,027,689	$ 81,685	$ 2,109,374	$ 2,060,745	-$ 48,629
1955	Communication Equipment (Smart Meters)		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment		0.00%	10.00	10.00%	$ -	$ 74,874	$ 2,210	$ 77,084	$ 76,682	-$ 402
1970	Load Management Controls Customer Premises		0.00%	10.00	10.00%	$ -	$ 85,504	$ 3,188	$ 88,691	$ 88,692	$ 1
1975	Load Management Controls Utility Premises		0.00%	10.00	10.00%	$ -	$ 48,391	$ 2,474	$ 50,865	$ 50,865	$ 0
1980	System Supervisor Equipment		0.00%	12.00	8.33%	$ -	$ 1,248,286	$ 70,905	$ 1,319,191	$ 1,292,876	-$ 26,315
1985	Miscellaneous Fixed Assets		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants		0.00%	30.00	3.33%	$ -	-$ 7,533,400	-$ 457,177	-$ 7,990,577	-$ 8,012,479	-$ 21,902
1609	Capital Contributions Paid		0.00%	45.00	2.22%	$ -	$ 1,937,444	$ 2,333	$ 1,939,777	$ 1,946,433	$ 6,656
	Total					**$ -**	**$ 54,481,364**	**$ 2,570,491**	**$ 57,051,855**	**$ 56,860,206**	**-$ 191,649**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below	
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.		MIFRS	2023

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 98,171,889	$ 23,070,770	$ 75,101,119	$ 3,590,513		0.00%	9.00	11.11%	$ -	$ 8,344,569	$ 199,473	$ 8,544,042	$ 9,194,054	$ 650,012
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,323,013	$ 4	$ 2,323,009	$ 12,296		0.00%	39.00	2.56%	$ -	$ 59,564	$ 158	$ 59,722	$ 60,014	$ 292
1805	Land			$ -	$ 4,817,612		$ 4,817,612			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings			$ -	$ 39,987,802	$ 454,156	$ 39,533,646	$ 534,656		0.00%	43.00	2.33%	$ -	$ 919,387	$ 6,217	$ 925,604	$ 994,934	$ 69,330
1810	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 148,476,265	$ 1,975,414	$ 146,500,851	$ 3,602,046		0.00%	30.00	3.33%	$ -	$ 4,883,362	$ 60,034	$ 4,943,396	$ 4,672,709	-$ 270,687
1820	Distribution Station Equipment <50 kV			$ -	$ 165,706,843	$ 5,850,976	$ 159,855,867	$ 4,126,157		0.00%	33.00	3.03%	$ -	$ 4,844,117	$ 62,518	$ 4,906,635	$ 4,863,301	-$ 43,334
1825	Storage Battery Equipment			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures			$ -	$ 161,773,992		$ 161,773,992	$ 9,876,018		0.00%	41.00	2.44%	$ -	$ 3,945,707	$ 120,439	$ 4,066,146	$ 4,081,762	$ 15,616
1835	Overhead Conductors & Devices			$ -	$ 171,111,624	$ 329,139	$ 170,782,485	$13,582,445		0.00%	38.00	2.63%	$ -	$ 4,494,276	$ 178,716	$ 4,672,992	$ 4,586,713	-$ 86,279
1840	Underground Conduit			$ -	$ 280,641,400	$ 927,267	$ 279,714,133	$20,403,122		0.00%	37.00	2.70%	$ -	$ 7,559,841	$ 275,718	$ 7,835,559	$ 7,783,016	-$ 52,543
1845	Underground Conductors & Devices			$ -	$ 245,221,421	$ 1,879,195	$ 243,342,226	$18,820,790		0.00%	31.00	3.23%	$ -	$ 7,849,749	$ 303,561	$ 8,153,310	$ 7,871,614	-$ 281,696
1850	Line Transformers			$ -	$ 116,780,490	$ 77,452	$ 116,703,038	$ 7,823,557		0.00%	31.00	3.23%	$ -	$ 3,764,614	$ 126,186	$ 3,890,801	$ 3,854,763	-$ 36,038
1855	Services (Overhead & Underground)			$ -	$ 83,477,980	$ 44,179	$ 83,433,801	$ 4,595,931		0.00%	38.00	2.63%	$ -	$ 2,195,626	$ 60,473	$ 2,256,099	$ 2,207,425	-$ 48,674
1860	Meters			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1860	Meters (Smart Meters)			$ -	$ 63,943,865	$ 12,660,967	$ 51,282,898	$ 6,673,267		0.00%	13.00	7.69%	$ -	$ 3,944,838	$ 256,664	$ 4,201,502	$ 3,930,943	-$ 270,559
1905	Land			$ -	$ 19,942,005		$ 19,942,005			0.00%		0.00%	$ -	$ -	$ -	$ -	$ 4,047	$ 4,047
1908	Buildings & Fixtures			$ -	$ 98,054,279	$ 458,254	$ 97,596,025	$ 352,679		0.00%	31.00	3.23%	$ -	$ 3,148,259	$ 5,688	$ 3,153,947	$ 3,197,517	$ 43,570
1910	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 5,029,944	$ 974,302	$ 4,055,642	$ 50,383		0.00%	10.00	10.00%	$ -	$ 405,564	$ 2,519	$ 408,083	$ 400,102	-$ 7,981
1915	Office Furniture & Equipment (5 years)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 19,455,275	$ 6,496,978	$ 12,958,297	$ 1,160,674		0.00%	7.00	14.29%	$ -	$ 1,851,185	$ 82,905	$ 1,934,091	$ 2,042,539	$ 108,448
1930	Transportation Equipment			$ -	$ 26,096,509	$ 5,136,421	$ 20,960,088	$ 2,233,064		0.00%	11.00	9.09%	$ -	$ 1,905,463	$ 101,503	$ 2,006,965	$ 1,991,963	-$ 15,002
1935	Stores Equipment			$ -	$ 562,235		$ 562,235			0.00%	10.00	10.00%	$ -	$ 56,224	$ -	$ 56,224	$ 56,224	$ 1
1940	Tools, Shop & Garage Equipment			$ -	$ 6,078,655	$ 1,698,582	$ 4,380,073	$ 461,809		0.00%	10.00	10.00%	$ -	$ 438,007	$ 23,090	$ 461,098	$ 442,658	-$ 18,440
1945	Measurement & Testing Equipment			$ -	$ 252,299	$ 119,814	$ 132,485			0.00%	12.00	8.33%	$ -	$ 11,040	$ -	$ 11,040	$ 8,751	-$ 2,289
1950	Power Operated Equipment			$ -	$ 1,481,615	$ 325,124	$ 1,156,491	$ 115,377		0.00%	13.00	7.69%	$ -	$ 88,961	$ 4,438	$ 93,398	$ 82,798	-$ 10,600
1955	Communications Equipment			$ -	$ 20,442,656	$ 967,826	$ 19,474,830	$ 874,903		0.00%	9.00	11.11%	$ -	$ 2,163,870	$ 48,606	$ 2,212,476	$ 2,173,813	-$ 38,663
1955	Communication Equipment (Smart Meters)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment			$ -	$ 943,740	$ 166,402	$ 777,338	$ 16,787		0.00%	10.00	10.00%	$ -	$ 77,734	$ 839	$ 78,573	$ 76,196	-$ 2,377
1970	Load Management Controls Customer Premises			$ -	$ 918,789		$ 918,789			0.00%	10.00	10.00%	$ -	$ 91,879	$ -	$ 91,879	$ 91,879	$ 0
1975	Load Management Controls Utility Premises			$ -	$ 533,383		$ 533,383			0.00%	10.00	10.00%	$ -	$ 53,338	$ -	$ 53,338	$ 53,338	-$ 0
1980	System Supervisor Equipment			$ -	$ 18,051,517	$ 2,469,888	$ 15,581,629	$ 992,743		0.00%	12.00	8.33%	$ -	$ 1,298,469	$ 41,364	$ 1,339,833	$ 1,274,267	-$ 65,566
1985	Miscellaneous Fixed Assets			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants			$ -	-$ 252,832,865		-$ 252,832,865	-$21,345,516		0.00%	30.00	3.33%	$ -	-$ 8,427,762	-$ 355,759	-$ 8,783,521	-$ 8,806,490	-$ 22,969
1609	Capital Contributions Paid				$ 87,394,987		$ 87,394,987	$ 100,000		0.00%	45.00	2.22%	$ -	$ 1,942,111	$ 1,111	$ 1,943,222	$ 1,950,895	$ 7,673
	Total	**$ -**	**$ -**	**$ -**	**$ 1,634,839,219**	**$ 66,083,110**	**$ 1,568,756,109**	**$ 78,653,701**					**$ -**	**$ 57,909,993**	**$ 1,606,463**	**$ 59,516,456**	**$ 59,141,745**	**-$ 374,711**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below	
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.		MIFRS	2024

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 101,762,402	$ 24,182,317	$ 77,580,085	$ 2,672,828		0.00%	8.00	12.50%	$ -	**$ 9,697,511**	**$ 167,052**	**$ 9,864,562**	$ 9,617,635	**-$ 246,927**
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,335,309	$ 4	$ 2,335,305	$ 12,370		0.00%	39.00	2.56%	$ -	**$ 59,880**	**$ 159**	**$ 60,038**	$ 60,424	**$ 386**
1805	Land			$ -	$ 4,817,612		$ 4,817,612			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings			$ -	$ 40,522,457	$ 468,898	$ 40,053,559	$ 930,941		0.00%	43.00	2.33%	$ -	**$ 931,478**	**$ 10,825**	**$ 942,303**	$ 1,019,266	**$ 76,963**
1810	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 152,078,311	$ 2,130,709	$ 149,947,602	$ 5,429,195		0.00%	32.00	3.13%	$ -	**$ 4,685,863**	**$ 84,831**	**$ 4,770,694**	$ 4,810,909	**$ 40,215**
1820	Distribution Station Equipment <50 kV			$ -	$ 169,736,819	$ 6,590,398	$ 163,146,421	$11,994,416		0.00%	34.00	2.94%	$ -	**$ 4,798,424**	**$ 176,388**	**$ 4,974,813**	$ 5,000,717	**$ 25,904**
1825	Storage Battery Equipment			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures			$ -	$ 171,336,307		$ 171,336,307	$ 8,186,322		0.00%	41.00	2.44%	$ -	**$ 4,178,934**	**$ 99,833**	**$ 4,278,768**	$ 4,291,482	**$ 12,714**
1835	Overhead Conductors & Devices			$ -	$ 184,463,525	$ 465,400	$ 183,998,125	$11,967,313		0.00%	38.00	2.63%	$ -	**$ 4,842,056**	**$ 157,465**	**$ 4,999,521**	$ 4,917,860	**-$ 81,661**
1840	Underground Conduit			$ -	$ 301,044,522	$ 1,225,613	$ 299,818,909	$18,547,382		0.00%	37.00	2.70%	$ -	**$ 8,103,214**	**$ 250,640**	**$ 8,353,854**	$ 8,246,543	**-$ 107,311**
1845	Underground Conductors & Devices			$ -	$ 263,683,142	$ 2,230,916	$ 261,452,226	$17,644,613		0.00%	32.00	3.13%	$ -	**$ 8,170,382**	**$ 275,697**	**$ 8,446,079**	$ 8,377,879	**-$ 68,200**
1850	Line Transformers			$ -	$ 124,383,480	$ 240,236	$ 124,143,244	$ 7,349,154		0.00%	31.00	3.23%	$ -	**$ 4,004,621**	**$ 118,535**	**$ 4,123,156**	$ 4,055,629	**-$ 67,527**
1855	Services (Overhead & Underground)			$ -	$ 88,073,911	$ 44,179	$ 88,029,732	$ 4,435,769		0.00%	39.00	2.56%	$ -	**$ 2,257,173**	**$ 56,869**	**$ 2,314,041**	$ 2,312,462	**-$ 1,579**
1860	Meters			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1860	Meters (Smart Meters)			$ -	$ 69,661,825	$ 20,217,128	$ 49,444,697	$ 7,261,510		0.00%	14.00	7.14%	$ -	**$ 3,531,764**	**$ 259,340**	**$ 3,791,104**	$ 3,798,330	**$ 7,226**
1905	Land			$ -	$ 19,942,005		$ 19,942,005			0.00%		0.00%	$ -	$ -	$ -	$ -	$ 4,047	**$ 4,047**
1908	Buildings & Fixtures			$ -	$ 98,406,958	$ 459,258	$ 97,947,700	$ 352,679		0.00%	31.00	3.23%	$ -	**$ 3,159,603**	**$ 5,688**	**$ 3,165,292**	$ 3,216,137	**$ 50,845**
1910	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 5,080,326	$ 1,129,556	$ 3,950,770	$ 50,383		0.00%	10.00	10.00%	$ -	**$ 395,077**	**$ 2,519**	**$ 397,596**	$ 394,788	**-$ 2,808**
1915	Office Furniture & Equipment (5 years)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 20,615,950	$ 8,416,505	$ 12,199,445	$ 887,744		0.00%	6.00	16.67%	$ -	**$ 2,033,241**	**$ 73,979**	**$ 2,107,220**	$ 1,973,655	**-$ 133,565**
1930	Transportation Equipment			$ -	$ 26,828,545	$ 6,842,384	$ 19,986,161	$ 1,844,412		0.00%	10.00	10.00%	$ -	**$ 1,998,616**	**$ 92,221**	**$ 2,090,837**	$ 2,033,557	**-$ 57,280**
1935	Stores Equipment			$ -	$ 562,235		$ 562,235			0.00%	10.00	10.00%	$ -	**$ 56,224**	$ -	**$ 56,224**	$ 56,225	**$ 2**
1940	Tools, Shop & Garage Equipment			$ -	$ 6,540,464	$ 2,099,310	$ 4,441,154	$ 464,863		0.00%	10.00	10.00%	$ -	**$ 444,115**	**$ 23,243**	**$ 467,359**	$ 452,760	**-$ 14,599**
1945	Measurement & Testing Equipment			$ -	$ 252,299	$ 213,881	$ 38,418			0.00%	12.00	8.33%	$ -	**$ 3,202**	$ -	**$ 3,202**	$ 3,815	**$ 614**
1950	Power Operated Equipment			$ -	$ 1,596,991	$ 376,611	$ 1,220,380			0.00%	13.00	7.69%	$ -	**$ 93,875**	$ -	**$ 93,875**	$ 87,380	**-$ 6,495**
1955	Communications Equipment			$ -	$ 21,317,559	$ 1,255,667	$ 20,061,892	$ 781,255		0.00%	10.00	10.00%	$ -	**$ 2,006,189**	**$ 39,063**	**$ 2,045,252**	$ 2,136,078	**$ 90,826**
1955	Communication Equipment (Smart Meters)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment			$ -	$ 960,528	$ 215,901	$ 744,627			0.00%	10.00	10.00%	$ -	**$ 74,463**	$ -	**$ 74,463**	$ 74,206	**-$ 257**
1970	Load Management Controls Customer Premises			$ -	$ 918,789		$ 918,789			0.00%	10.00	10.00%	$ -	**$ 91,879**	$ -	**$ 91,879**	$ 91,879	**-$ 0**
1975	Load Management Controls Utility Premises			$ -	$ 533,383		$ 533,383			0.00%	10.00	10.00%	$ -	**$ 53,338**	$ -	**$ 53,338**	$ 53,338	**-$ 0**
1980	System Supervisor Equipment			$ -	$ 19,044,260	$ 3,775,713	$ 15,268,547	$ 1,094,855		0.00%	14.00	7.14%	$ -	**$ 1,090,611**	**$ 39,102**	**$ 1,129,712**	$ 1,082,628	**-$ 47,084**
1985	Miscellaneous Fixed Assets			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants			$ -	-$ 273,818,381		-$ 273,818,381	-$20,689,619		0.00%	30.00	3.33%	$ -	**-$ 9,127,279**	**-$ 344,827**	**-$ 9,472,106**	-$ 9,416,952	**$ 55,154**
1609	Capital Contributions Paid				$ 87,494,987		$ 87,494,987	$ 2,130,000		0.00%	45.00	2.22%	$ -	**$ 1,944,333**	**$ 23,667**	**$ 1,968,000**	$ 1,958,654	**-$ 9,346**
	Total	**$ -**	**$ -**	**$ -**	**$ 1,710,176,520**	**$ 82,580,584**	**$ 1,627,595,936**	**$ 83,348,385**					**$ -**	**$ 59,578,785**	**$ 1,612,288**	**$ 61,191,072**	**$ 60,711,331**	**-$ 479,741**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1. This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.
2. This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.
3. A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.
4. The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.
5. OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.
6. The applicant must provide an explanation of material variances in evidence.
7. This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change
8. This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

Appendix 2-C
Depreciation and Amortization Expense

This appendix is to be completed in conjunction with the accounting instructions in Appendix 2-B

Scenario that applies	Applicable Years and Accounting Standard	Year Reflected in Schedule Below	Accounting Standard Reflected in Schedule Below	
Rebasing for the first time with depreciation policy changes made in 2012.	This appendix must be duplicated and completed for the years 2012 to 2021. The appendix for 2012 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2012 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Rebasing for the first time with depreciation policy changes made in 2013.	This appendix must be duplicated and completed for the years 2013 to 2021. The appendix for 2013 is to be completed under CGAAP (prior to changes in depreciation policies). The appendix for 2013 to 2014 must be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Already rebased with depreciation policy changes in a prior rate application and rebasing MIFRS for the first time.	This appendix must be completed for 2014 to 2021. The appendix for 2014 is to be completed under Revised CGAAP (after changes in depreciation policies). The appendix for 2014 to 2021 is to be completed under MIFRS (2014 if changes to MIFRS are material).			
Already rebased under MIFRS in a prior rate application	This appendix must be completed under MIFRS for each year for the earlier of: 1) all historical years back to its last rebasing; or 2) at least three years of historical actuals, in addition to Bridge Year and Test Year forecasts.		MIFRS	2025

		Book Values							Service Lives				Depreciation Expense					
Account	Description	Opening Net Book Value of Existing Assets as at Date of Policy Change (Jan. 1) 1	Less Fully Depreciated 7	Net Amount of Existing Assets Before Policy Change to be Depreciated	Opening Gross Book Value of Assets Acquired After Policy Change 2	Less Fully Depreciated 8	Net Amount of Assets Acquired After Policy Change to be Depreciated	Current Year Additions	Average Remaining Life of Assets Existing Before Policy Change 3	Depreciation Rate Assets Acquired After Policy Change	Life of Assets Acquired After Policy Change 4	Depreciation Rate on New Additions	Depreciation Expense on Assets Existing Before Policy Change	Depreciation Expense on Assets Acquired After Policy Change	Depreciation Expense on Current Year Additions 5	Total Current Year Depreciation Expense	Depreciation Expense per Appendix 2-BA Fixed Assets, Column J	Variance 6
		a	b	c = a-b	d	e	f = d- e	g	h	i = 1/h	j	k = 1/j	l = c/h	m = f/j	n = g*0.5/j	o = l+m+n	p	q = p-o
1611	Computer Software (Formally known as Account 1925)			$ -	$ 104,435,229	$ 25,010,812	$ 79,424,417	$16,854,811		0.00%	8.00	12.50%	$ -	$ 9,928,052	$ 1,053,426	$ 10,981,478	$ 11,048,698	$ 67,220
1612	Land Rights (Formally known as Account 1906)			$ -	$ 2,347,679	$ 4	$ 2,347,675	$ 12,376		0.00%	39.00	2.56%	$ -	$ 60,197	$ 159	$ 60,355	$ 60,507	$ 152
1805	Land			$ -	$ 4,817,612		$ 4,817,612	$ 779,683		0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1808	Buildings			$ -	$ 41,453,398	$ 493,054	$ 40,960,344	$ 1,416,046		0.00%	40.00	2.50%	$ -	$ 1,024,009	$ 17,701	$ 1,041,709	$ 1,046,267	$ 4,558
1810	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1815	Transformer Station Equipment >50 kV			$ -	$ 157,507,506	$ 2,262,273	$ 155,245,233	$ 9,223,210		0.00%	32.00	3.13%	$ -	$ 4,851,414	$ 144,113	$ 4,995,526	$ 5,003,121	$ 7,595
1820	Distribution Station Equipment <50 kV			$ -	$ 181,635,054	$ 6,858,571	$ 174,776,483	$26,747,897		0.00%	35.00	2.86%	$ -	$ 4,993,614	$ 382,113	$ 5,375,727	$ 5,417,445	$ 41,718
1825	Storage Battery Equipment			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1830	Poles, Towers & Fixtures			$ -	$ 179,208,926		$ 179,208,926	$ 8,003,940		0.00%	41.00	2.44%	$ -	$ 4,370,949	$ 97,609	$ 4,468,558	$ 4,462,353	-$ 6,205
1835	Overhead Conductors & Devices			$ -	$ 196,200,294	$ 562,686	$ 195,637,608	$11,674,276		0.00%	38.00	2.63%	$ -	$ 5,148,358	$ 153,609	$ 5,301,967	$ 5,217,477	-$ 84,490
1840	Underground Conduit			$ -	$ 319,591,904	$ 1,696,920	$ 317,894,984	$18,528,470		0.00%	37.00	2.70%	$ -	$ 8,591,756	$ 250,385	$ 8,842,141	$ 8,650,400	-$ 191,741
1845	Underground Conductors & Devices			$ -	$ 280,968,686	$ 2,700,678	$ 278,268,008	$17,532,469		0.00%	32.00	3.13%	$ -	$ 8,695,875	$ 273,945	$ 8,969,820	$ 8,839,416	-$ 130,404
1850	Line Transformers			$ -	$ 131,512,066	$ 561,969	$ 130,950,097	$ 7,363,590		0.00%	32.00	3.13%	$ -	$ 4,092,191	$ 115,056	$ 4,207,247	$ 4,226,186	$ 18,939
1855	Services (Overhead & Underground)			$ -	$ 92,509,680	$ 50,484	$ 92,459,196	$ 4,429,274		0.00%	40.00	2.50%	$ -	$ 2,311,480	$ 55,366	$ 2,366,846	$ 2,357,841	-$ 9,005
1860	Meters			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1860	Meters (Smart Meters)			$ -	$ 75,919,820	$ 24,306,431	$ 51,613,389	$ 6,783,965		0.00%	14.00	7.14%	$ -	$ 3,686,671	$ 242,284	$ 3,928,955	$ 3,974,133	$ 45,178
1905	Land			$ -	$ 19,942,005		$ 19,942,005			0.00%		0.00%	$ -	$ -	$ -	$ -	$ 4,047	$ 4,047
1908	Buildings & Fixtures			$ -	$ 98,759,638	$ 644,160	$ 98,115,478	$ 352,679		0.00%	31.00	3.23%	$ -	$ 3,165,015	$ 5,688	$ 3,170,704	$ 3,204,028	$ 33,324
1910	Leasehold Improvements			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1915	Office Furniture & Equipment (10 years)			$ -	$ 5,130,709	$ 1,195,926	$ 3,934,783	$ 50,383		0.00%	10.00	10.00%	$ -	$ 393,478	$ 2,519	$ 395,997	$ 392,323	-$ 3,674
1915	Office Furniture & Equipment (5 years)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equipment - Hardware			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 22/04)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1920	Computer Equip.-Hardware(Post Mar. 19/07)			$ -	$ 21,503,694	$ 9,391,609	$ 12,112,085	$ 1,573,599		0.00%	7.00	14.29%	$ -	$ 1,730,298	$ 112,400	$ 1,842,698	$ 1,958,576	$ 115,878
1930	Transportation Equipment			$ -	$ 27,725,965	$ 8,025,548	$ 19,700,417	$ 467,753		0.00%	9.00	11.11%	$ -	$ 2,188,935	$ 25,986	$ 2,214,922	$ 2,158,407	-$ 56,515
1935	Stores Equipment			$ -	$ 562,235		$ 562,235			0.00%	10.00	10.00%	$ -	$ 56,224	$ -	$ 56,224	$ 56,224	$ 1
1940	Tools, Shop & Garage Equipment			$ -	$ 7,005,326	$ 2,415,709	$ 4,589,617	$ 468,679		0.00%	10.00	10.00%	$ -	$ 458,962	$ 23,434	$ 482,396	$ 461,217	-$ 21,179
1945	Measurement & Testing Equipment			$ -	$ 252,299	$ 214,417	$ 37,882			0.00%	10.00	10.00%	$ -	$ 3,788	$ -	$ 3,788	$ 3,788	-$ 0
1950	Power Operated Equipment			$ -	$ 1,596,991	$ 394,085	$ 1,202,906	$ 461,909		0.00%	16.00	6.25%	$ -	$ 75,182	$ 14,435	$ 89,616	$ 89,388	-$ 228
1955	Communications Equipment			$ -	$ 22,098,814	$ 3,142,403	$ 18,956,411	$ 1,733,822		0.00%	11.00	9.09%	$ -	$ 1,723,310	$ 78,810	$ 1,802,120	$ 1,885,121	$ 83,001
1955	Communication Equipment (Smart Meters)			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1960	Miscellaneous Equipment			$ -	$ 960,528	$ 220,993	$ 739,535	$ 24,987		0.00%	10.00	10.00%	$ -	$ 73,954	$ 1,249	$ 75,203	$ 74,768	-$ 435
1970	Load Management Controls Customer Premises			$ -	$ 918,789		$ 918,789			0.00%	10.00	10.00%	$ -	$ 91,879	$ -	$ 91,879	$ 91,879	$ 0
1975	Load Management Controls Utility Premises			$ -	$ 533,383		$ 533,383			0.00%	10.00	10.00%	$ -	$ 53,338	$ -	$ 53,338	$ 53,338	-$ 0
1980	System Supervisor Equipment			$ -	$ 20,139,115	$ 4,768,457	$ 15,370,658	$ 1,533,324		0.00%	15.00	6.67%	$ -	$ 1,024,711	$ 51,111	$ 1,075,821	$ 1,081,462	$ 5,641
1985	Miscellaneous Fixed Assets			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
1990	Other Tangible Property			$ -			$ -			0.00%		0.00%	$ -	$ -	$ -	$ -		$ -
2440	Contributions & Grants			$ -	-$ 294,138,001		-$ 294,138,001	-$20,758,380		0.00%	31.00	3.23%	$ -	-$ 9,488,323	-$ 334,813	-$ 9,823,135	-$ 9,805,553	$ 17,582
1609	Capital Contributions Paid				$ 89,624,987		$ 89,624,987	$ 7,300,000		0.00%	45.00	2.22%	$ -	$ 1,991,666	$ 81,111	$ 2,072,777	$ 2,013,783	-$ 58,994
	Total	**$ -**	**$ -**	**$ -**	**$ 1,790,724,331**	**$ 94,917,189**	**$ 1,695,807,142**	**$122,558,762**					**$ -**	**$61,296,982**	**$ 2,847,695**	**$ 64,144,677**	**$ 64,026,640**	**-$ 118,037**

General: Applicants are to complete this appendix to show the reasonability of the depreciation expense that is included in rate base via. Accumulated depreciation and the revenue requirement.
Applicants must provide a breakdown of depreciation and amortization expense in the above format for all relevant accounts. Balances presented in the table should exclude asset retirement obligations (AROs) and the related depreciation and accretion expense. These should be disclosed separately consistent with the Notes of historical Audited Financial

Notes:

1 This is the net book value of assets that existed as at the date of the utility's change in depreciation policies (i.e. as at Jan. 1, 2012 or Jan. 1, 2013). These assets are to be depreciated at the average remaining service life. This amount will not change in years subsequent to the date of the utility's change in depreciation policies. This column is expected to be used until the assets that existed as at the date of the utility's change in depreciation policies are fully depreciated.

2 This is the opening gross book value of assets that have been acquired after the date of the utility's change in depreciation policies (i.e. additions starting in 2012/2013 for those who changed policies Jan. 1, 2012/2013). These assets are to be depreciated at the revised service life. The amount is expected to be equal to the opening gross book value of the prior year plus the prior year's additions.

3 A recalculation should be performed to determine the average remaining life of opening balance of assets (i.e. excluding current year's additions) under the change in policies under CGAAP. For example, Asset A had a useful life of 20 years under CGAAP without the change in policies. On January 1 of the year of policy changes, Asset A was 3 years depreciated. As a result, Asset A would have a remaining service life of 17 years (20 years less 3 years) as at January 1 of the year of policy changes. Due to making the change in policies under CGAAP, management re-assessed the asset useful lives and concluded that the revised useful life of Asset A is now 30 years. Therefore, the average remaining useful life of the opening balance of Asset A is determined to be 27 years (30 years less 3 years) under the revised CGAAP as at January 1 of the year of policy changes.

4 The useful life used should be consistent with the OEB's regulatory accounting policies as set out in the Accounting Procedures Handbook for Electricity Distributors, effective Jan. 1, 2012 and also with the Report of the Board, Transition to International Financial Reporting Standards, EB-2008-0408, and the Kinectrics Report.

5 OEB policy of the "half-year" rule - the applicant must ensure that additions in the year attract a half-year depreciation expense in the first year. Deviations from this standard practice must be supported in the application.

6 The applicant must provide an explanation of material variances in evidence.

7 This should include assets in column A (excel column C) that become fully depreciated since the date of the policy change. The amount input in b (excel column D) should equal the net book value of the asset as at the date of depreciation policy change

8 This should include assets in column D (excel column F) that have become fully depreciated. The amount input in e (excel column G) should equal the gross book value of the asset

PAYMENTS IN LIEU OF TAXES

1. INTRODUCTION

Hydro Ottawa is required to make Payments in Lieu of Taxes ("PILS") to the Ministry of Finance based on its taxable income. Hydro Ottawa has used the Income Tax/PILS Workform (the "PILS Tax Model") supplied by the OEB for 2020 Cost of Service Applications Filers to calculate the PILS for each of the 2021-2025 Test Years.

The amount of PILS included in the revenue requirements for each of the 2021-2025 Test Years is summarized in Table 1. The OEB Income Tax/PILS Workforms for the 2021-2025 Test Years are appended to this Schedule as the following Attachments:

- Attachment 4-4-1(D): OEB Workform - 2021 Income Tax/PILS Workform
- Attachment 4-4-1(E): OEB Workform - 2022 Income Tax/PILS Workform
- Attachment 4-4-1(F): OEB Workform - 2023 Income Tax/PILS Workform
- Attachment 4-4-1(G): OEB Workform - 2024 Income Tax/PILS Workform
- Attachment 4-4-1(H): OEB Workform - 2024 Income Tax/PILS Workform

Table 1 – Corporate PILS for Test Years 2021-2025 ($'000s)

Test Year	Income Taxes/PILS Grossed Up
2021	$1,024
2022	$5,211
2023	$8,766
2024	$11,660
2025	$7,689

No modifications have been made to the PILS Tax Models, with the exception of the following:

- Capital Cost Allowance ("CCA") has been calculated using the new Accelerated Investment Incentive rules ("accelerated CCA") for all Test Years 2021-2025. (See section 6 below for more details on the new rules).

  However, for Tab T8 "Sch 8 CCA Test," the limitation of those schedules in Tab 8 required that the accelerated CCA be adjusted manually for Test Years 2024 and 2025 only. Hydro Ottawa has included supplemental Schedule 8 worksheets for Test Years 2024 and 2025 to support the CCA calculations in the PILS Tax Models (please see Attachment 4-4-1(I): 2024 Schedule 8 Capital Cost Allowance and Attachment 4-4-1(J): 2025 Schedule 8 Capital Cost Allowance.

2. PRUDENT MANAGEMENT OF PILS/TAXES

Hydro Ottawa exercises sound tax planning and manages its tax costs diligently in order to minimize these costs. As required, the utility maximizes tax deductions and takes advantage of available tax credits, such as apprentice tax credits, student co-op tax credits, and scientific research and experimental development ("SR&ED") tax credits.

3. GENERAL METHODOLOGY

The methodology for calculating PILS is consistent with the principles set out in the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019. It is also consistent with the methodology employed in prior years. In addition, PILS calculations reflect applicable current tax legislation and regulatory changes, including the recent legislative tax changes to CCA in Bill C-97, which are further discussed in section 6 below.

For Test Years 2021-2025, Hydro Ottawa has used a combined income tax rate of 26.5%, which is comprised of a federal tax rate of 15.0% and a provincial tax rate of 11.5%. This rate is applied to Hydro Ottawa's regulatory taxable income determined through the PILS Tax Models to calculate income taxes payable before the deduction of tax credits. Applicable tax credits are then deducted to determine the Corporate PILS/Income Tax Provision for the given Test Year.

This amount is then grossed up by the 1 - tax rate formula to determine the PILS component of the revenue requirement for each Test Year.

4. LOSS CARRY-FORWARDS

Hydro Ottawa does not have any non-capital loss or capital loss carry-forwards as at the end of December 2018. Furthermore, the utility has not forecast any loss carry-forwards for the 2021-2025 Test Years.

5. NON-DISTRIBUTION ASSETS/NON-RECOVERABLE EXPENSES

Hydro Ottawa has excluded any non-distribution assets in its PILS Tax Models. The utility also confirms that non-recoverable expenses and expenses disallowed for regulatory purposes have been excluded in the tax calculation.

6. CAPITAL COST ALLOWANCE

On June 21, 2019, Bill C-97 received Royal Assent. Bill C-97, the *Budget Implementation Act, 2019*, introduced changes to CCA, such as the new accelerated CCA rules. These rules allow enhanced first-year tax depreciation on eligible capital assets acquired and available for use after November 20, 2018. Under the accelerated CCA rules, Hydro Ottawa is able to deduct up to three times the amount of tax depreciation that would otherwise be available in the year that an asset is acquired and available for use. This is achieved by removing the “half-year” rule and then applying the prescribed CCA rate at 1.5 times on the net qualifying additions for the given year. This accelerated CCA is available for assets acquired and available for use after November 20, 2018 and before 2024.

A phase-out period will begin for property that becomes available for use after 2023. For assets acquired after 2023 and before 2028, the “half-year” rule is still not applied and the accelerated CCA rules will allow Hydro Ottawa to deduct tax depreciation that is two times the amount of tax depreciation that would otherwise apply in the year that an asset is acquired and available for use. The accelerated CCA rules will no longer be available for assets acquired after 2027.

Accelerated CCA does not change the total amount of CCA that Hydro Ottawa can deduct over the tax life of the eligible capital assets. This accelerated CCA is only available to be claimed in the first tax year that the eligible capital assets are acquired and available for use. By claiming a larger CCA deduction in the first year, Hydro Ottawa will have smaller CCA deductions available in future years. The utility confirms that the accelerated CCA rules from Bill C-97 have been applied in the PILS Tax Models for the 2021-2025 Test Years.

The regulatory taxable income in each Test Year includes forecasted CCA, which has been calculated using the accelerated CCA rules applicable in the Historical Years, Bridge Years, and in each Test Year. These forecasted CCA amounts are calculated using the estimated ending Undepreciated Capital Cost ("UCC") balance from the previous year as the opening balance and then adding the net capital additions to determine the UCC balance available for each Test Year. The "half-year" rule has not been applied in each of the 2021-2025 Test Years on net qualifying additions. The accelerated CCA rules allow Hydro Ottawa to deduct three times the amount of tax depreciation that would otherwise apply on qualifying new assets for the 2021, 2022, and 2023 Test Years. These rules also allow Hydro Ottawa to deduct two times the amount of tax depreciation that would otherwise apply on qualifying new assets for the 2024 and 2025 Test Years. Using the new accelerated CCA rules, the maximum allowable CCA has been deducted for all Test Years 2021-2025.

7. TAX CREDITS – APPRENTICES & CO-OP STUDENTS

As in previous years, Hydro Ottawa continues to claim the Federal Apprenticeship Job Creation Tax Credit and the Ontario Co-operative Education Tax Credit. The Federal Apprenticeship Job Creation Tax Credit is 10% of salaries and wages paid to eligible apprentices, up to a maximum of $2,000 per year per apprentice for the first two years of the apprenticeship contract. The Ontario Co-operative Education Tax Credit is 25% of eligible expenditures up to a maximum of $3,000 per student per year.

The Ontario Apprenticeship Training Tax Credit is no longer available and has not been included in Test Years 2021-2025. This credit was available during the first 36 months of the apprentice program for programs that commenced before November 15, 2017. The 2020 Bridge Year is forecasted as the last year in which Hydro Ottawa can claim this credit.

Hydro Ottawa has forecasted the Federal Apprenticeship Job Creation and Ontario Co-operative Education Tax Credits available and has deducted these tax credits in the PILS Tax Models for the Test Years 2021-2025, as summarized in Table 2 and Table 3 below.

Table 2 – Total Federal Apprenticeship Job Creation and Ontario Co-operative Education Tax Credits for 2021-2025

Year	Federal Apprenticeship Tax Credit	Ontario Apprenticeship Tax Credit	Ontario Co-op Education Tax Credit	Total Tax Credits Claimed
2021	$4,000	$0	$81,000	$85,000
2022	$4,000	$0	$81,000	$85,000
2023	$4,000	$0	$81,000	$85,000
2024	$4,000	$0	$81,000	$85,000
2025	$4,000	$0	$81,000	$85,000

Table 3 – Federal Apprenticeship Job Creation Tax Credits for 2021-2025[1]

Hiring Year		Tax Credits Received				
Year	**Number Hired**	**2021**	**2022**	**2023**	**2024**	**2025**
2020	2	2				
2021	0					
2022	2		2	2		
2023	0					
2024	2				2	2
2025	0					
TOTAL NUMBER OF CREDITS/YR		**2**	**2**	**2**	**2**	**2**
TOTAL $$ CREDITS/YR		**$4,000**	**$4,000**	**$4,000**	**$4,000**	**$4,000**

The Ontario Co-operative Education Tax Credit for each of the Test Years 2021-2025 has been calculated by forecasting that 27 eligible co-op students will be hired per Test Year, with a tax credit per student of $3,000 (i.e. total credits of $81,000 per Test Year).

8. TAX CREDITS – SCIENTIFIC RESEARCH & EXPERIMENTAL DEVELOPMENT

Hydro Ottawa first filed SR&ED tax credits for the 2017 tax year. The 2017 SR&ED tax credits have been assessed but not audited. For the Test Years 2021-2025, the SR&ED tax credits have been forecasted based on the 2017 SR&ED tax calculations, as outlined in Table 4 below. The forecasted SR&ED tax credits have been reflected as a reduction in the capital expenditures and/or operations and maintenance ("O&M") expenses in each Test Year.

[1] As a guide for interpreting the information presented in this table, please see the explanation of the applicability of the Federal Apprenticeship Job Creation Tax Credit provided in section 7 on page 4 of this Schedule.

Table 4 – Total SR&ED Tax Credits for 2021-2025

Year	SR&ED Credit Capital	SR&ED Credit O&M	SR&ED Credit Total
2021	$360,000	$90,000	$450,000
2022	$340,000	$90,000	$430,000
2023	$230,000	$60,000	$290,000
2024	$390,000	$100,000	$490,000
2025	$480,000	$120,000	$600,000

9. INTEGRITY CHECKS

The following integrity checks have been completed in respect of the PILS Tax Models:

- Depreciation and amortization added back agrees with the numbers disclosed in the rate base section of the Application.
- Capital additions and deductions agree with the rate base section for Historical Years, Bridge Years, and Test Years.
- Schedule 8 of the most recent tax return year filed with the Application has a closing December 31 UCC balance that agrees with the opening historical year UCC balance at January 1.
- Non-distribution assets have been removed from the PILS Tax Models.
- The CCA deductions in the PILS Tax Models for Historical Years, Bridge Years, and Test Years agree with the numbers in Schedule 8.
- Other post-employment benefits and pension expenses are added back on Schedule 1.
- The income tax rate used to calculate the tax expense is consistent with the current legislated rate.
- The maximum allowable CCA has been deducted for all Test Years 2021-2025.

10. PILS VARIANCES

Details of the actual taxes paid by Hydro Ottawa from 2016-2018, as well as the forecasted taxes to be paid for 2019 and 2020, are summarized in Table 5 below. Expected PILS for the 2021-2025 rate period are set out in Table 6 below. In addition, explanations of the variances that appear in either table are provided.

Copies of Hydro Ottawa's tax returns are appended to this Schedule as the following Attachments:

- Attachment 4-4-1(A): 2016 Tax Return
- Attachment 4-4-1(B): 2017 Tax Return[2]
- Attachment 4-4-1(C): 2018 Tax Return

Table 5 – Corporate PILS Paid/Payable for 2016-2020 ($'000s)

	2016 Actual	2017 Actual	2017 Amended	2018 Actual	2019 Bridge Grossed Up	2020 Bridge Grossed Up
Income Taxes	$3,452	$3,594	$2,245	$4,192	$1,644	$2,362

Table 6 – Corporate PILS (Grossed Up) for 2021-2025 ($'000s)

	2021	2022	2023	2024	2025
Income Taxes	$1,024	$5,211	$8,766	$11,660	$7,689

The decrease/increase in PILS from year to year is generally due to changes in capital additions and the associated CCA deductions available compared to the accounting depreciation add back (see section 7 above). Net income before tax is also a contributor to the amount of PILS in a given year.

[2] Attachment 4-4-1(B): 2017 Tax Return includes both the originally filed tax return as well as the amended return for the SR&ED claim.

2020 Bridge Year to 2021 Test Year

2021 PILS is forecast to decrease mainly due to higher CCA deduction available, driven by the large amount of fixed asset additions placed into service in 2021.

2021 Test Year to 2022 Test Year

2022 PILS is forecast to increase mainly due to a higher accounting depreciation add back and a lower accelerated CCA deduction, due to lower fixed asset additions in 2022 which is creating the higher taxable income.

2022 Test Year to 2023 Test Year

Similarly, the 2023 PILS is forecast to increase due to higher accounting depreciation and a lower accelerated CCA deduction due to lower fixed asset additions in 2023.

2023 Test Year to 2024 Test Year

2024 PILS is forecast to increase due to higher accounting depreciation and less accelerated CCA deduction available. This is attributable to the change in the accelerated CCA rules for assets added after 2023 and before 2028. The ability to apply the prescribed CCA rate for an eligible class by 1.5 times the net addition is removed beginning in 2024. The suspension of the half-year rule continues to stay in effect until the end of 2027.

2024 Test Year to 2025 Test Year

2025 PILS is forecast to decrease due to an increase in the accelerated CCA deduction available driven by the large amount of fixed asset additions placed into service in 2025. As in 2024, the CCA deduction is smaller in 2025 than it is in 2021-2023, as a result of the rule change in 2024.

Canada Revenue Agency / Agence du revenu du Canada

T2 Corporation Income Tax Return

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PILS FILING

055 Do not use this area

This form serves as a federal, provincial, and territorial corporation income tax return, unless the corporation is located in Quebec or Alberta. If the corporation is located in one of these provinces, you have to file a separate provincial corporationreturn.

All legislative references on this return are to the federal Income Tax Act and Income Tax Regulations. This return may contain changes that had not yet become law at the time of publication.

Send one completed copy of this return, including schedules and the General Index of Financial Information (GIFI), to your tax centre or tax services office. You have to file the return within six months after the end of the corporation's tax year.

For more information see cra.gc.ca or Guide T4012, T2 Corporation - Income Tax Guide.

Identification

Business number (BN) 001 86339 1363 RC0001

Corporation's name
002 Hydro Ottawa Limited/Hydro Ottawa Limitee

Address of head office
Has this address changed since the last time we were notified? . . . . 010 1 Yes [ ] 2 No [X]
If yes, complete lines 011 to 018.
011 3025 Albion Road North
012 P.O. Box 8700
City: 015 Ottawa
Province, territory, or state: 016 ON
Country (other than Canada): 017
Postal or ZIP code: 018 K1G 3S4

Mailing address (if different from head office address)
Has this address changed since the last time we were notified? . . . . 020 1 Yes [ ] 2 No [X]
If yes, complete lines 021 to 028.
021 c/o
022
023
City: 025
Province, territory, or state: 026
Country (other than Canada): 027
Postal or ZIP code: 028

Location of books and records (if different from head office address)
Has this address changed since the last time we were notified? . . . . 030 1 Yes [ ] 2 No [X]
If yes, complete lines 031 to 038.
031
032
City: 035
Province, territory, or state: 036
Country (other than Canada): 037
Postal or ZIP code: 038

040 Type of corporation at the end of the tax year (tick one)
- [X] 1 Canadian-controlled private corporation (CCPC)
- [ ] 2 Other private corporation
- [ ] 3 Public corporation
- [ ] 4 Corporation controlled by a public corporation
- [ ] 5 Other corporation (specify)

If the type of corporation changed during the tax year, provide the effective date of the change . . . . 043 Year Month Day

To which tax year does this return apply?
Tax year start (Year Month Day): 060 2016-01-01
Tax year-end (Year Month Day): 061 2016-12-31

Has there been an acquisition of control resulting in the application of subsection 249(4) since the tax year start on line 060? . . . . 063 1 Yes [ ] 2 No [X]

If yes, provide the date control was acquired . . . . 065 Year Month Day

Is the date on line 061 a deemed tax year-end according to subsection 249(3.1)? . . . . 066 1 Yes [ ] 2 No [X]

Is the corporation a professional corporation that is a member of a partnership? . . . . 067 1 Yes [ ] 2 No [X]

Is this the first year of filing after:
Incorporation? . . . . 070 1 Yes [ ] 2 No [X]
Amalgamation? . . . . 071 1 Yes [ ] 2 No [X]
If yes, complete lines 030 to 038 and attach Schedule 24.

Has there been a wind-up of a subsidiary under section 88 during the current tax year? . . . . 072 1 Yes [ ] 2 No [X]
If yes, complete and attach Schedule 24.

Is this the final tax year before amalgamation? . . . . 076 1 Yes [ ] 2 No [X]

Is this the final return up to dissolution? . . . . 078 1 Yes [ ] 2 No [X]

If an election was made under section 261, state the functional currency used 079

Is the corporation a resident of Canada? 080 1 Yes [X] 2 No [ ]
If no, give the country of residence on line 081 and complete and attach Schedule 97.
081

Is the non-resident corporation claiming an exemption under an income tax treaty? . . . . 082 1 Yes [ ] 2 No [X]
If yes, complete and attach Schedule 91.

If the corporation is exempt from tax under section 149, tick one of the following boxes:
085
- [ ] 1 Exempt under paragraph 149(1)(e) or (l)
- [ ] 2 Exempt under paragraph 149(1)(j)
- [ ] 3 Exempt under paragraph 149(1)(t)
- [ ] 4 Exempt under other paragraphs of section 149

Do not use this area
095 096 898

Attachments

Financial statement information: Use GIFI schedules 100, 125, and 141.
Schedules – Answer the following questions. For each yes response, attach the schedule to the T2 return, unless otherwise instructed.

		Yes	Schedule
Is the corporation related to any other corporations?	150	X	9
Is the corporation an associated CCPC?	160	X	23
Is the corporation an associated CCPC that is claiming the expenditure limit?	161		49
Does the corporation have any non-resident shareholders who own voting shares?	151		19
Has the corporation had any transactions, including section 85 transfers, with its shareholders, officers, or employees, other than transactions in the ordinary course of business? Exclude non-arm's length transactions with non-residents	162		11
If you answered yes to the above question, and the transaction was between corporations not dealing at arm's length, were all or substantially all of the assets of the transferor disposed of to the transferee?	163		44
Has the corporation paid any royalties, management fees, or other similar payments to residents of Canada?	164		14
Is the corporation claiming a deduction for payments to a type of employee benefit plan?	165	X	15
Is the corporation claiming a loss or deduction from a tax shelter?	166		T5004
Is the corporation a member of a partnership for which a partnership account number has been assigned?	167		T5013
Did the corporation, a foreign affiliate controlled by the corporation, or any other corporation or trust that did not deal at arm's length with the corporation have a beneficial interest in a non-resident discretionary trust (without reference to section 94)?	168		22
Did the corporation own any shares in one or more foreign affiliates in the tax year?	169		25
Has the corporation made any payments to non-residents of Canada under subsections 202(1) and/or 105(1) of the Income Tax Regulations?	170		29
Did the corporation have a total amount over $1 million of reportable transactions with non-arm's length non-residents?	171		T106
For private corporations: Does the corporation have any shareholders who own 10% or more of the corporation's common and/or preferred shares?	173	X	50
Has the corporation made payments to, or received amounts from, a retirement compensation plan arrangement during the year?	172		
Does the corporation earn income from one or more Internet webpages or websites?	180		88
Is the net income/loss shown on the financial statements different from the net income/loss for income tax purposes?	201	X	1
Has the corporation made any charitable donations; gifts of cultural or ecological property; or gifts of medicine?	202	X	2
Has the corporation received any dividends or paid any taxable dividends for purposes of the dividend refund?	203	X	3
Is the corporation claiming any type of losses?	204		4
Is the corporation claiming a provincial or territorial tax credit or does it have a permanent establishment in more than one jurisdiction?	205	X	5
Has the corporation realized any capital gains or incurred any capital losses during the tax year?	206		6
i) Is the corporation claiming the small business deduction and reporting a) income or loss from property (other than dividends deductible on line 320 of the T2 return), b) income from a partnership, c) income from a foreign business, d) income from a personal services business, e) income referred to in clause 125(1)(a)(i)(C) or 125(1)(a)(i)(B), or f) business limit assigned under subsection 125(3.2); or ii) does the corporation have aggregate investment income at line 440?	207		7
Does the corporation have any property that is eligible for capital cost allowance?	208	X	8
Does the corporation have any property that is eligible capital property?	210	X	10
Does the corporation haveany resource-related deductions?	212		12
Is the corporation claiming deductible reserves (other than transitional reserves under section 34.2)?	213	X	13
Is the corporation claiming a patronage dividend deduction?	216		16
Is the corporation a credit union claiming a deduction for allocations in proportion to borrowing or an additional deduction?	217		17
Is the corporation an investment corporation or a mutual fund corporation?	218		18
Is the corporation carrying on business in Canada as a non-resident corporation?	220		20
Is the corporation claiming any federal, provincial, or territorial foreign tax credits, or any federal logging tax credits?	221		21
Does the corporation have any Canadian manufacturing and processing profits?	227		27
Is the corporation claiming an investment tax credit?	231	X	31
Is the corporation claiming any scientific research and experimental development (SR&ED) expenditures?	232		T661
Is the total taxable capital employed in Canada of the corporation and its related corporations over $10,000,000?	233	X	33/34/35
Is the total taxable capital employed in Canada of the corporation and its associated corporations over $10,000,000?	234	X	
Is the corporation subject to gross Part VI tax on capital of financial institutions?	238		38
Is the corporation claiming a Part I tax credit?	242		42
Is the corporation subject to Part IV.1 tax on dividends received on taxable preferred shares or Part VI.1 tax on dividends paid?	243		43
Is the corporation agreeing to a transfer of the liability for Part VI.1 tax?	244		45
Is the corporation subject to Part II - Tobacco Manufacturers' surtax?	249		46
For financial institutions: Is the corporation a member of a related group of financial institutions with one or more members subject to gross Part VI tax?	250		39
Is the corporation claiming a Canadian film or video production tax credit refund?	253		T1131
Is the corporation claiming a film or video production services tax credit refund?	254		T1177
Is the corporation subject to Part XIII.1 tax? (Show your calculations on a sheet that you identify as Schedule 92.)	255		92

Attachments (continued)

		Yes	Schedule
Did the corporation have any foreign affiliates in the tax year?	271		T1134
Did the corporation own or hold specified foreign property where the total cost amount of all such property, at any time in the year, was more than CAN$100,000?	259		T1135
Did the corporation transfer or loan property to a non-resident trust?	260		T1141
Did the corporation receive a distribution from or was it indebted to a non-resident trust in the year?	261		T1142
Has the corporation entered into an agreement to allocate assistance for SR&ED carried out in Canada?	262		T1145
Has the corporation entered into an agreement to transfer qualified expenditures incurred in respect of SR&ED contracts?	263		T1146
Has the corporation entered into an agreement with other associated corporations for salary or wages of specified employees for SR&ED?	264		T1174
Did the corporation pay taxable dividends (other than capital gains dividends) in the tax year?	265	X	55
Has the corporation made an election under subsection 89(11) not to be a CCPC?	266		T2002
Has the corporation revoked any previous election made under subsection 89(11)?	267		T2002
Did the corporation (CCPC or deposit insurance corporation (DIC)) pay eligible dividends, or did its general rate income pool (GRIP) change in the tax year?	268	X	53
Did the corporation (other than a CCPC or DIC) pay eligible dividends, or did its low rate income pool (LRIP) change in the tax year?	269		54

Additional information

		1 Yes	2 No
Did the corporation use the International Financial Reporting Standards (IFRS) when it prepared its financial statements?	270	X	
Is the corporation inactive?	280		X

What is the corporation's main revenue-generating business activity? ..... 221122 Electric Power Distribution

Specify the principal products mined, manufactured, sold, constructed, or services provided, giving the approximate percentage of the total revenue that each product or service represents.

284	DIST. OF ELECTRICITY	285	100.000 %
286		287	%
288		289	%

		1 Yes	2 No
Did the corporation immigrate to Canada during the tax year?	291		X
Did the corporation emigrate from Canada during the tax year?	292		X
Do you want to be considered as a quarterly instalment remitter if you are eligible?	293		

If the corporation was eligible to remit instalments on a quarterly basis for part of the tax year, provide the date the corporation ceased to be eligible ..... 294 Year Month Day

If the corporation's major business activity is construction, did you have any subcontractors during the tax year? ..... 295 1 Yes [ ] 2 No [ ]

Taxable income

Net income or (loss) for income tax purposes from Schedule 1, financial statements, or GIFI.				300	17,563,533	A
Deduct:						
Charitable donations from Schedule 2	311	85,930				
Cultural gifts from Schedule 2	313					
Ecological gifts from Schedule 2	314					
Gifts of medicine from Schedule 2	315					
Taxable dividends deductible under section 112 or 113, or subsection 138(6) from Schedule 3	320					
Part VI.1 tax deduction*	325					
Non-capital losses of previous tax years from Schedule 4	331					
Net capital losses of previous tax years from Schedule 4	332					
Restricted farm losses of previous tax years from Schedule 4	333					
Farm losses of previous tax years from Schedule 4	334					
Limited partnership losses of previous tax years from Schedule 4	335					
Taxable capital gains or taxable dividends allocated from a central credit union	340					
Prospector's and grubstaker's shares	350					
Subtotal		85,930	►		85,930	B
Subtotal (amount A minus amount B) (if negative, enter "0")					17,477,603	C
Section 110.5 additions or subparagraph 115(1)(a)(vii) additions				355		D
Taxable income (amount C plus amount D)				360	17,477,603	
Income exempt under paragraph 149(1)(t)				370		
Taxable income for a corporation with exempt income under paragraph 149(1)(t) (line 360 minus line 370)					17,477,603	Z
Taxable income for the year from a personal services business**						Z.1

* This amount is equal to 3.5 times the Part VI.1 tax payable at line 724 on page 9.

** For a taxation year that ends after 2015.

Small business deduction

Canadian-controlled private corporations (CCPCs) throughout the tax year

Income from active business carried on in Canada from Schedule 7 . . . . . 400 17,563,533 A

Taxable income from line 360 on page 3, minus 100/28 3.57143 of the amount on line 632* on page 8, minus 4 times the amount on line 636** on page 8, and minus any amount that, because of federal law, is exempt from Part I tax . . . . . 405 17,477,603 B

Business limit (see notes 1 and 2 below) . . . . . 410 500,000 C

Notes:

1. For CCPCs that are not associated, enter $ 500,000 on line 410. However, if the corporation's tax year is less than 51 weeks, prorate this amount by the number of days in the tax year divided by 365, and enter the result on line 410.
2. For associated CCPCs, use Schedule 23 to calculate the amount to be entered on line 410.

Business limit reduction:

Amount C 500,000 x 415*** 2,003,324 D / 11,250 = ... 89,036,622 E

Reduced business limit (amount C minus amount E) (if negative, enter "0") . . . . . 425 F

Business limit the CCPC assigns under subsection 125(3.2) (from line 515 below) . . . . . G

Amount F minus amount G . . . . . 427 H

Small business deduction

Amount A, B, C, or H, whichever is the least ______ x (Number of days in the tax year before January 1, 2016 ______ / Number of days in the tax year 366) x 17 % = ______ 1

Amount A, B, C, or H, whichever is the least ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 17.5 % = ______ 2

Total of amounts 1 and 2 (enter amount I on line J on page 8) 430 ______ I

* Calculate the amount of foreign non-business income tax credit deductible on line 632 without reference to the refundable tax on the CCPC's investment income (line 604) and without reference to the corporate tax reductions under section 123.4.

** Calculate the amount of foreign business income tax credit deductible on line 636 without reference to the corporation tax reductions under section 123.4.

*** Large corporations

- If the corporation is not associated with any corporations in both the current and previous tax years, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the prior year minus $10,000,000) x 0.225%.
- If the corporation is not associated with any corporations in the current tax year, but was associated in the previous tax year, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the current year minus $10,000,000) x 0.225%.
- For corporations associated in the current tax year, see Schedule 23 for the special rules that apply.

Specified corporate income and assignment under subsection 125(3.2)

Applicable to tax years that begin after March 21, 2016

Except that, if the tax year of your corporation started before and ends on or after March 22, 2016 and in the tax year of a CCPC, you can make an assignment of business limit to that other CCPC if its tax year started after March 21, 2016.

	J1 Name of corporation receiving the income and assigned amount	J Business number of the corporation receiving the assigned amount 490	K Income paid under clause 125(1)(a)(i)(B) to the corporation identified in column J [3] 500	L Business limit assigned to corporation identified in column J [4] 505
1.				
			Total 510	Total 15

Notes:

3. This amount is [as defined in subsection 125(7) specified corporate income (a)(i)] the total of all amounts each of which is income from an active business of the corporation for the year from the provision of services or property to a private corporation (directly or indirectly, in any manner whatever) if
(A) at any time in the year, the corporation (or one of its shareholders) or a person who does not deal at arm's length with the corporation (or one of its shareholders) holds a direct or indirect interest in the private corporation, and
(B) it is not the case that all or substantially all of the corporation's income for the year from an active business is from the provision of services or propertyto
(I) persons (other than the private corporation) with which the corporation deals at arm's length, or
(II) partnerships with which the corporation deals at arm's length, other than a partnership in which a person that does not deal at arm's length with the corporation holds a direct or indirect interest.
4. The amount of the business limit you assign to a CCPC cannot be greater than the amount determined by the formula A – B, where A is the amount of income referred to in column K in respect of that CCPC and B is the portion of the amount described in A that is deductible by you in respect of the amount of income referred to in clauses 125(1)(a)(i)(A) or (B) for the year. The amount on line 515 cannot be greater than the amount on line 425.

General tax reduction for Canadian-controlled private corporations

Canadian-controlled private corporations throughout the tax year

Taxable income from page 3 (line 360 or amount Z, whichever applies)			17,477,603	A
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		B		
Amount K13 from Part 13 of Schedule 27		C		
Personal services business income	432	D		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		E		
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least		F		
Aggregate investment income from line 440 on page 6*		G		
Subtotal (add amounts B to G)		▶		H
Amount A minus amount H (if negative, enter "0")			17,477,603	I
General tax reduction for Canadian-controlled private corporations – Amount I multiplied by 13 %			2,272,088	J

Enter amount J on line 638 on page 8.

* Except for a corporation that is, throughout the year, a cooperative corporation (within the meaning assigned by subsection 136(2)) or a credit union.

General tax reduction

Do not complete this area if you are a Canadian-controlled private corporation, an investment corporation, a mortgage investment corporation, a mutual fund corporation, or any corporation with taxable income that is not subject to the corporation tax rate of 38%.

Taxable income from page 3 (line 360 or amount Z, whichever applies)				K
Lesser of amounts B9 and H9 from Part 9 of Schedule 27		L		
Amount K13 from Part 13 of Schedule 27		M		
Personal services business income	434	N		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		O		
Subtotal (add amounts L to O)		▶		P
Amount K minus amount P (if negative, enter "0")				Q
General tax reduction – Amount Q multiplied by 13 %				R

Enter amount R on line 639 on page 8.

Refundable portion of Part I tax

Canadian-controlled private corporations throughout the tax year

Aggregate investment income from Schedule 7 . . . . . 440 ______ A

Amount A ______ x (Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 26 2 / 3 % = ______ 1

Amount A ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 30 2 / 3 % = ______ 2

Subtotal (amount 1 plus amount 2) ______ ▶ ______ B

Foreign investment income from Schedule 7 . . . . . 445 ______ C

Amount C ______ x (Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 9 1 / 3 % = ______ 3

Amount C ______ x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 8 % = ______ 4

Subtotal (amount 3 plus amount 4) ______ D

Foreign non-business income tax credit from line 632 on page 8 minus amount D (if negative, enter "0") . . . . . ______ E

Amount B minus amount E (if negative, enter "0") . . . . . ______ F

Foreign non-business income tax credit from line 632 on page 8 . . . . . ______ G

(Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 35 = ... ______ 5

(Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 38 2 / 3 = ... 38.66667 6

Subtotal (amount 5 plus amount 6) 38.6667 H

Amount G ______ x 100 / H 100 / 38.6667 = ... ______ I

Taxable income from line 360 on page 3 . . . . . 17,477,603 J

Deduct:

Amount from line 400, 405, 410, or 427 on page 4, whichever is the least . . . . . ______ K

Amount I . . . . . ______ L

Foreign business income tax credit from line 636 on page 8 . . . . . ______ x 4 = ______ M

Subtotal (total of amounts K to M) ______ ▶ ______ N

Subtotal (amount J minus amount N) 17,477,603 O

Amount O 17,477,603 x (Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366) x 26 2 / 3 % = ______ 7

Amount O 17,477,603 x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 30 2 / 3 % = 5,359,798 8

Subtotal (amount 7 plus amount 8) 5,359,798 ▶ 5,359,798 P

Part I tax payable minus investment tax credit refund (line 700 minus line 780 from page 9) . . . . . 2,599,641 Q

Refundable portion of Part I tax – Amount F, P, or Q, whichever is the least . . . . . 450 ______ R

Refundable dividend tax on hand

Refundable dividend tax on hand at the end of the previous tax year . . . . 460 ____

Deduct:

Dividend refund for the previous tax year . . . . 465 ____ ► ____ A

Add:

Refundable portion of Part I tax from line 450 on page 6 . . . . ____ B

Total Part IV tax payable from Schedule 3 . . . . ____ C

Net refundable dividend tax on hand transferred from a predecessor corporation on amalgamation, or from a wound-up subsidiary corporation . . . . 480 ____

Subtotal (add amounts B, C, and line 480) ____ ► ____ D

Refundable dividend tax on hand at the end of the tax year – Amount A plus amount D . . . . 485 ____

Dividend refund

Private and subject corporations at the time taxable dividends were paid in the tax year

Taxable dividends paid in the tax year from line 460 on page 3 of Schedule 3 . . . . 17,500,000 E

Amount E 17,500,000 x (Number of days in the tax year before January 1, 2016 ____ / Number of days in the tax year 366) x 33 1 / 3 % = ____ 1

Amount E 17,500,000 x (Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366) x 38 1 / 3 % = 6,708,333 2

Subtotal (amount 1 plus amount 2) 6,708,333 ► 6,708,333 F

Refundable dividend tax on hand at the end of the tax year from line 485 above . . . . ____ G

Dividend refund – Amount F or G, whichever is less . . . . ____ H

Enter amount H on line 784 on page 9.

Part I tax

Base amount Part I tax – Taxable income from page 3 (line 360 or amount Z, whichever applies) multiplied by 38 % . . . **550** 6,641,489 A

Additional tax on personal services business income (section 123.5)

Taxable income from a personal services business **555** ______ x Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366 x 5 % = **560** ______ B

Recapture of investment tax credit from Schedule 31 . . . . **602** ______ C

Calculation for the refundable tax on the Canadian-controlled private corporation's (CCPC) investment income
(if it was a CCPC throughout the tax year)

Aggregate investment income from line 440 on page 6 . . . . . . ______ D

Taxable income from line 360 on page 3 . . . . . . 17,477,603 E

Deduct:
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least . . . . . . ______ F

Net amount (amount E minus amount F) 17,477,603 ▶ 17,477,603 G

Amount D or G, whichever is less ______ x Number of days in the tax year before January 1, 2016 / Number of days in the tax year 366 x 6 2 / 3 % = ______ 1

Amount D or G, whichever is less ______ x Number of days in the tax year after December 31, 2015 366 / Number of days in the tax year 366 x 10 2 / 3 % = ______ 2

Refundable tax on CCPC's investment income (amount 1 plus amount 2) . . . . . . **604** ______ ▶ ______ H

Subtotal (add amounts A, B, C, and H) 6,641,489 I

Deduct:

Small business deduction from line 430 on page 4			J
Federal tax abatement	608	1,747,760	
Manufacturing and processing profits deduction from Schedule 27	616		
Investment corporation deduction	620		
Taxed capital gains 624 ______			
Additional deduction – credit unions from Schedule 17	628		
Federal foreign non-business income tax credit from Schedule 21	632		
Federal foreign business income tax credit from Schedule 21	636		
General tax reduction for CCPCs from amount J on page 5	638	2,272,088	
General tax reduction from amount R on page 5	639		
Federal logging tax credit from Schedule 21	640		
Eligible Canadian bank deduction under section 125.21	641		
Federal qualifying environmental trust tax credit	648		
Investment tax credit from Schedule 31	652	22,000	

Subtotal 4,041,848 ▶ 4,041,848 K

Part I tax payable – Amount I minus amount K . . . . . . 2,599,641 L
Enter amount L on line 700 on page 9.

Privacy statement

Summary of tax and credits

Federal tax

Part I tax payable from amount L on page 8	700	2,599,641
Part II surtax payable from Schedule 46	708	
Part III.1 tax payable from Schedule 55	710	
Part IV tax payable from Schedule 3	712	
Part IV.1 tax payable from Schedule 43	716	
Part VI tax payable from Schedule 38	720	
Part VI.1 tax payable from Schedule 43	724	
Part XIII.1 tax payable from Schedule 92	727	
Part XIV tax payable from Schedule 20	728	
Total federal tax		2,599,641

Add provincial or territorial tax:

Provincial or territorial jurisdiction 750 ON
(if more than one jurisdiction, enter "multiple" and complete Schedule 5)

Net provincial or territorial tax payable (except Quebec and Alberta)	760	852,480
Total tax payable	770	3,452,121 A

Deduct other credits:

Investment tax credit refund from Schedule 31	780			
Dividend refund from amount H on page 7	784			
Federal capital gains refund from Schedule 18	788			
Federal qualifying environmental trust tax credit refund	792			
Canadian film or video production tax credit refund (Form T1131)	796			
Film or video production services tax credit refund (Form T1177)	797			
Tax withheld at source	800			
Total payments on which tax has been withheld	801			
Provincial and territorial capital gains refund from Schedule 18	808			
Provincial and territorial refundable tax credits from Schedule 5	812			
Tax instalments paid	840	3,600,000		
Total credits	890	3,600,000	▶	3,600,000 B

Refund code 894 1 Overpayment 147,879 ◀ Balance (amount A minus amount B) -147,879

If the result is positive, you have a balance unpaid.
If the result is negative, you have an overpayment.
Enter the amount on whichever line applies.
Generally, we do not charge or refund a difference of $2 or less.

Balance unpaid ______

For information on how to make your payment, go to cra.gc.ca/payments.

Direct deposit request

To have the corporation's refund deposited directly into the corporation's bank account at a financial institution in Canada, or to change banking information you already gave us, complete the information below:

☐ Start ☐ Change information 910 ______ Branch number

914 ______ Institution number 918 ______ Account number

If the corporation is a Canadian-controlled private corporation throughout the tax year, does it qualify for the one-month extension of the date the balance of tax is due? 896 1 Yes ☐ 2 No ☒

If this return was prepared by a tax preparer for a fee, provide their EFILE number 920 ______

Certification

I, 950 Simpson 951 Geoff 954 CFO ,
Last name First name Position, office, or rank

am an authorized signing officer of the corporation. I certify that I have examined this return, including accompanying schedules and statements, and that the information given on this return is, to the best of my knowledge, correct and complete. I also certify that the method of calculating income for this tax year is consistent with that of the previous tax year except as specifically disclosed in a statement attached to this return.

955 2017-06-15 ______ 956 (613) 738-5499
Date (yyyy/mm/dd) Signature of the authorized signing officer of the corporation Telephone number

Is the contact person the same as the authorized signing officer? If no, complete the information below 957 1 Yes ☐ 2 No ☒

958 Mike Grue 959 (613) 738-5499
Name of other authorized person Telephone number

Language of correspondence – Langue de correspondance

Indicate your language of correspondence by entering 1 for English or 2 for French.
Indiquez votre langue de correspondance en inscrivant 1 pour anglais ou 2 pour français. 990 1

Schedule of Instalment Remittances

Name of corporation contact: Mike Grue
Telephone number: (613) 738-5499

Effective interest date	Description(instalment remittance, split payment, assessed credit)	Amount of credit
	INSTALLMENTS - 2016	3,600,000

Total amount of instalments claimed (carry the result to line 840 of the T2 Return) 3,600,000 A

Total instalments credited to the taxation year per T9 3,600,000 B

Transfer

	Account number	Taxation year end	Amount	Effective interest date	Description
From:					
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
To:					

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SCHEDULE 100

Form identifier 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

Balance sheet information

Account	Description	GIFI		Current year	Prior year
	Assets				
	Total current assets	1599	+	196,876,000	174,612,000
	Total tangible capital assets	2008	+	974,445,000	865,264,000
	Total accumulated amortization of tangible capital assets	2009	–	93,127,000	59,918,000
	Total intangible capital assets	2178	+	62,963,000	72,748,000
	Total accumulated amortization of intangible capital assets	2179	–		12,990,000
	Total long-term assets	2589	+	13,744,000	17,156,000
	*** Assets held in trust**	2590	+		
	Total assets (mandatory field)	2599	=	1,154,901,000	1,056,872,000
	Liabilities				
	Total current liabilities	3139	+	175,621,000	179,198,000
		3450			574,720,000
	Total long-term liabilities	3460	+	659,481,000	
		3470			
	* Subordinated debt		+		
	* Amounts held in trust		+		753,918,000
	Shareholder equity				
	Total shareholder equity (mandatory field)	3620	+	319,799,000	302,954,000
	Total liabilities and shareholder equity	3640	=	1,154,901,000	1,056,872,000
	Retained earnings				
	Retained earnings/deficit – end (mandatory field)	3849	=	152,718,000	135,873,000

* Generic item

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SCHEDULE 125

Form identifier 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

Income statement information

Description	GIFI	
Operating name	0001	
Description of the operation	0002	
Sequence number	0003	01

Account	Description	GIFI		Current year	Prior year
	Income statement information				
	Total sales of goods and services	8089	+	1,176,520,000	1,092,098,000
	Cost of sales	8518	–	968,069,000	867,905,000
	Gross profit/loss	8519	=	208,451,000	224,193,000
	Cost of sales	8518	+	968,069,000	867,905,000
	Total operating expenses	9367	+	162,208,000	175,877,000
	Total expenses (mandatory field)	9368	=	1,130,277,000	1,043,782,000
	Total revenue (mandatory field)	8299	+	1,176,520,000	1,092,098,000
	Total expenses (mandatory field)	9368	–	1,130,277,000	1,043,782,000
	Net non-farming income	9369	=	46,243,000	48,316,000
	Farming income statement information				
	Total farm revenue (mandatory field)	9659	+		
	Total farm expenses (mandatory field)	9898	–		
	Net farm income	9899	=		
	Net income/loss before taxes and extraordinary items	9970	=	46,243,000	48,316,000
	Total other comprehensive income	9998	=		
	Extraordinary items and income (linked to Schedule 140)				
	Extraordinary item(s)	9975	–		
	Legal settlements	9976	–		
	Unrealized gains/losses	9980	+		
	Unusual items	9985	–		
	Current income taxes	9990	–	3,648,000	1,270,000
		9995			11,557,000
	Future (deferred) income tax provision	9998	–	8,250,000	
		9999			35,489,000
	Total – Other comprehensive income		+		

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Schedule 141

Notes Checklist

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Parts 1, 2, and 3 of this schedule must be completed from the perspective of the person (referred to in these parts as the accountant) who prepared or reported on the financial statements. If the person preparing the tax return is not the accountant referred to above, they must still complete Parts 1, 2, 3, and 4, as applicable.
- For more information, see Guide RC4088, General Index of Financial Information (GIFI) and T4012, T2 Corporation – Income Tax Guide.
- Complete this schedule and include it with your T2 return along with the other GIFI schedules.

Part 1 – Information on the accountant who prepared or reported on the financial statements

Does the accountant have a professional designation? . . . . . 095 1 Yes [X] 2 No [ ]

Is the accountant connected* with the corporation? . . . . . 097 1 Yes [ ] 2 No [X]

Note

If the accountant does not have a professional designation or is connected to the corporation, you do not have to complete Parts 2 and 3 of this schedule. However, you do have to complete Part 4, as applicable.

* A person connected with a corporation can be: (i) a shareholder of the corporation who owns more than 10% of the common shares; (ii) a director, an officer, or an employee of the corporation; or (iii) a person not dealing at arm's length with the corporation.

Part 2 – Type of involvement with the financial statements

Choose the option that represents the highest level of involvement of the accountant: 198

Completed an auditor's report . . . . . 1 [X]

Completed a review engagement report . . . . . 2 [ ]

Conducted a compilation engagement . . . . . 3 [ ]

Part 3 – Reservations

If you selected option 1 or 2 under Type of involvement with the financial statements above, answer the following question:

Has the accountant expressed a reservation? . . . . . 099 1 Yes [ ] 2 No [X]

Part 4 – Other information

If you have a professional designation and are not the accountant associated with the financial statements in Part 1 above, choose one of the following options: 110

Prepared the tax return (financial statements prepared by client) . . . . . 1 [ ]

Prepared the tax return and the financial information contained therein (financial statements have not been prepared) . . . . . 2 [ ]

Were notes to the financial statements prepared? . . . . . 101 1 Yes [X] 2 No [ ]

If yes, complete lines 104 to 107 below:

Are subsequent events mentioned in the notes? . . . . . 104 1 Yes [ ] 2 No [X]

Is re-evaluation of asset information mentioned in the notes? . . . . . 105 1 Yes [ ] 2 No [X]

Is contingent liability information mentioned in the notes? . . . . . 106 1 Yes [X] 2 No [ ]

Is information regarding commitments mentioned in the notes? . . . . . 107 1 Yes [X] 2 No [ ]

Does the corporation have investments in joint venture(s) or partnership(s)? . . . . . 108 1 Yes [ ] 2 No [X]

Part 4 – Other information (continued)

Impairment and fair value changes

In any of the following assets, was an amount recognized in net income or other comprehensive income (OCI) as a result of an impairment loss in the tax year, a reversal of an impairment loss recognized in a previous tax year, or a change in fair value during the tax year? . . . . . 200 1 Yes [ ] 2 No [X]

If yes, enter the amount recognized:

		In net income Increase(decrease)		In OCI Increase(decrease)
Property, plant, and equipment	210		211	
Intangible assets	215		216	
Investment property	220			
Biological assets	225			
Financial instruments	230		231	
Other	235		236	

Financial instruments

Did the corporation derecognize any financial instrument(s) during the tax year (other than trade receivables)? . . . . . 250 1 Yes [ ] 2 No [X]

Did the corporation apply hedge accounting during the tax year? . . . . . 255 1 Yes [ ] 2 No [X]

Did the corporation discontinue hedge accounting during the tax year? . . . . . 260 1 Yes [ ] 2 No [X]

Adjustments to opening equity

Was an amount included in the opening balance of retained earnings or equity, in order to correct an error, to recognize a change in accounting policy, or to adopt a new accounting standard in the current tax year? . . . . . 265 1 Yes [ ] 2 No [X]

If yes, you have to maintain a separate reconciliation.

SCHEDULE 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Form identifier 100

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

Assets – lines 1000 to 2599

1000	6,367,000	1060	186,882,000	1484	3,627,000
1599	196,876,000	1680	85,056,000	1681	-7,825,000
1740	887,240,000	1741	-85,302,000	1900	2,149,000
2008	974,445,000	2009	-93,127,000	2010	62,963,000
2178	62,963,000	2420	13,744,000	2589	13,744,000
2599	1,154,901,000				

Liabilities – lines 2600 to 3499

2620	173,170,000	2680	2,451,000	3139	175,621,000
3140	507,185,000	3220	77,004,000	3240	7,684,000
3270	12,501,000	3320	55,107,000	3450	659,481,000
3499	835,102,000				

Shareholder equity – lines 3500 to 3640

3500	167,081,000	3600	152,718,000	3620	319,799,000
3640	1,154,901,000				

Retained earnings – lines 3660 to 3849

3660	135,873,000	3680	34,345,000	3700	-17,500,000
3849	152,718,000				

SCHEDULE 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Form identifier 125

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

Description

Sequence number 0003 01

Revenue – lines 8000 to 8299

8000	1,176,520,000	8089	1,176,520,000	8299	1,176,520,000

Cost of sales – lines 8300 to 8519

8320	968,069,000	8518	968,069,000	8519	208,451,000

Operating expenses – lines 8520 to 9369

8570	8,285,000	8670	33,544,000	8740	16,514,000
9010	7,839,000	9060	74,128,000	9110	26,970,000
9270	-3,340,000	9284	-1,732,000	9367	162,208,000
9368	1,130,277,000	9369	46,243,000		

Extraordinary items and taxes – lines 9970 to 9999

9970	46,243,000	9990	3,648,000	9995	8,250,000
9999	34,345,000				

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Net Income (Loss) for Income Tax Purposes

Schedule 1

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- The purpose of this schedule is to provide a reconciliation between the corporation's net income (loss) as reported on the financial statements and its net income (loss) for tax purposes. For more information, see the T2 Corporation Income Tax Guide.
- All legislative references are to the Income Tax Act.

Amount calculated on line 9999 from Schedule 125			34,345,000 A
Add:			
Provision for income taxes – current	101	3,648,000	
Amortization of tangible assets	104	33,544,000	
Amortization of intangible assets	106	8,285,000	
Loss on disposal of assets	111	1,449,601	
Charitable donations and gifts from Schedule 2	112	85,930	
Non-deductible meals and entertainment expenses	121	84,397	
Other reserves on lines 270 and 275 from Schedule 13	125	1,545,557	
Reserves from financial statements – balance at the end of the year	126	3,403,620	
Subtotal of additions		52,046,105 ▶	52,046,105

Other additions:

Miscellaneous other additions:

	1 Description 605	2 Amount 295
1	Employee Future Benefits expensed in F/S	2,239,606
	Total of column 2	2,239,606

Total of column 2 ▶	296	2,239,606	
Subtotal of other additions	199	2,239,606 ▶	2,239,606
Total additions	500	54,285,711 ▶	54,285,711 B
Amount A plus amount B			88,630,711 C
Deduct:			
Capital cost allowance from Schedule 8	403	59,916,891	
Cumulative eligible capital deduction from Schedule 10	405	938,227	
Other reserves on line 280 from Schedule 13	413	1,721,271	
Reserves from financial statements – balance at the beginning of the year	414	3,727,932	
Subtotal of deductions		66,304,321 ▶	66,304,321

Other deductions:

Miscellaneous other deductions:

	1 Description 705	2 Amount 395
1	ARO costs incurred in 2016	45,845
2	AFUDC	889,402
3	Employee Future Benefits paid during the year	592,800
4	Deferred Revenue Amortizarion	1,621,610
5	OBS IFRS Adjustment	1,613,200
	Total of column 2	4,762,857

Total of column 2 ▶ 396 4,762,857

Subtotal of other deductions	499	4,762,857 ▶	4,762,857
Total deductions	510	71,067,178 ▶	71,067,178 D
Net income (loss) for income tax purposes (amount C minus amount D)			17,563,533 E

Enter amount E on line 300 of the T2 return.

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Schedule 2

Charitable Donations and Gifts

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- For use by corporations to claim any of the following:
  – the eligible amount of charitable donations to qualified donees;
  – the Ontario, Nova Scotia, and British Columbia food donation tax credits for farmers;
  – the eligible amount of gifts of certified cultural property;
  – the eligible amount of gifts of certified ecologically sensitive land; or
  – the additional deduction for gifts of medicine.
- All legislative references are to the federal *Income Tax Act*, unless otherwise specified.
- The eligible amount of a gift is the amount by which the fair market value of the gifted property exceeds the amount of an advantage, if any, for the gift.
- The donations and gifts are eligible for a 5-year carryforward except for gifts of certified ecologically sensitive land made after February 10, 2014, which are eligible for a 10-year carryforward. Please note that the provincial food donation tax credits must be applied in the current tax year.
- Use this schedule to show a transfer of unused amounts from previous years following an amalgamation or the wind-up of a subsidiary as described under subsections 87(1) and 88(1).
- Subsection 110.1(1.2) provides as follows:
  – Where a particular corporation has undergone an acquisition of control, for tax years that end on or after the acquisition of control, no corporation can claim a deduction for a gift made by the particular corporation to a qualified donee before the acquisition of control.
  – If a particular corporation makes a gift to a qualified donee pursuant to an arrangement under which both the gift and the acquisition of control is expected, no corporation can claim a deduction for the gift unless the person acquiring control of the particular corporation is the qualified donee.
- An eligible medical gift to a qualifying organization for activities outside of Canada may be eligible for an additional deduction. Calculate the additional deduction in Part 5.
- File one completed copy of this schedule with your T2 Corporation Income Tax Return.
- For more information, see the T2 Corporation - Income Tax Guide.

Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
CHEO Foundation	45,000
CHEO Foundation	15,980
CHEO Foundation	15,000
Ottawa Senators Foundation	3,500
Canadian Red Cross	3,000
Ovarian Cancer Canada	1,500
Our Youth At Work Association	250
Bruyere Foundation	100
Ottawa Humane Society	100
Canadian Cancer Society	100
Canadian Cancer Society	100
Canada Helps.org	100
Canada Helps.org	100
United Way	100
United Way	100
Ottawa Hospital Foundation	100
Ottawa Food Bank	100
CHEO Foundation	100
Alzheimer Society of Canada	100
Alzheimer Society of Canada	100
Subtotal	85,530
Add: Total donations of less than $100 each	400
Total donations in current tax year	85,930

Part 1 – Charitable donations

	Line	Federal		Québec	Alberta
Charitable donations at the end of the previous tax year			A		
Deduct: Charitable donations expired after five tax years*					
Charitable donations at the beginning of the current tax year			B		
Add:					
Charitable donations transferred on an amalgamation or the wind-up of a subsidiary	250				
Total charitable donations made in the current year (include this amount on line 112 of Schedule 1)	210	85,930		85,930	85,930
Subtotal (line 250 plus line 210)		85,930	C	85,930	85,930
Subtotal (amount B plus amount C)		85,930	D	85,930	85,930
Deduct: Adjustment for an acquisition of control	255				
Total charitabledonations available (amount D minus amount on line 255)		85,930	E	85,930	85,930
Deduct: Amount applied in the current year against taxable income (cannot be more than amount O in Part 2) (enter this amount on line 311 of the T2 return)	260	85,930		85,930	85,930
Charitable donations closingbalance (amount E minus amount on line 260)	280				

The amount of qualifying donations for the Ontario community food program donation tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2013) . . . . **262** ____________

Ontario community food program donation tax credit for farmers (amount on line 262 multiplied by 25 %) . . . . ____________ 1

Enter amount 1 on line 420 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum amount you can claim in the current year is whichever is less: the Ontario income tax otherwise payable or amount 1. For more information, see section 103.1.2 of the Taxation Act, 2007 (Ontario).

The amount of qualifying donations for the Nova Scotia food bank tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2015) . . . . **263** ____________

Nova Scotia food bank tax credit for farmers (amount on line 263 multiplied by 25 %) . . . . ____________ 2

Enter amount 2 on line 570 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum amount you can claim in the current year is whichever is less: the Nova Scotia income tax otherwise payable or amount 2. For more information, see section 50A of the Nova Scotia Income Tax Act.

The amount of qualifying gifts for the British Columbia farmers' food donation tax credit included in the amount on line 260 (for donations made after February 16, 2016 and before January 1, 2019) . . . . **265** ____________

British Columbia farmers' food donation tax credit (amount on line 265 multiplied by 25 %) . . . . ____________ 3

Enter amount 3 on line 683 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum amount you can claim in the current year is whichever is less: the British Columbia income tax otherwise payable or amount 3. For more information, see section 20.1 of the British Columbia Income Tax Act.

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made in a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Amounts carried forward – Charitable donations

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2010-12-31			
7th prior year	2009-12-31			
8th prior year	2008-12-31			
9th prior year	2007-12-31			
10th prior year	2006-12-31			
11th prior year	2005-12-31			
12th prior year	2004-12-31			
13th prior year	2003-12-31			
14th prior year	2002-12-31			
15th prior year	2001-12-31			
16th prior year	2001-09-30			
17th prior year	2000-09-30			
18th prior year	1999-09-30			
19th prior year	1998-09-30			
20th prior year	1997-09-30			
21st prior year*	1996-09-30			
Total (to line A)				

* For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, the 6th prior year gifts made in a tax year that ended before March 24, 2006, expire in the current year and the 21st prior year gifts made in a tax year that ended after March 23, 2006, expire in the current year.

Part 2 – Maximum allowable deduction for charitable donations

Net income for tax purposes* multiplied by 75 %			13,172,650 F
Taxable capital gains arising in respect of gifts of capital property included in Part 1 **		225	G
Taxable capital gain in respect of a disposition of a non-qualifying security under subsection 40(1.01)		227	H
The amount of the recapture of capital cost allowance in respect of charitable donations	230		
Proceeds of disposition, less outlays and expenses**	I		
Capital cost**	J		
Amount I or J, whichever is less	235		
Amount on line 230 or 235, whichever is less		K	
Subtotal (add amounts G, H, and K)		L	
Amount L multiplied by 25 %			M
Subtotal (amount F plus amount M)			13,172,650 N
Maximum allowable deduction for charitable donations (enter amount E from Part 1, amount N, or net income for tax purposes, whichever is less)			85,930 O

* For credit unions, subsection 137(2) states that this amount is before the deduction of payments pursuant to allocations in proportion to borrowing and bonus interest.

** This amount must be prorated by the following calculation: eligible amount of the gift divided by the proceeds of disposition of the gift.

Part 3 – Gifts of certified cultural property

	Line	Federal		Québec	Alberta
Gifts of certified cultural property at the end of the previous tax year			A		
Deduct: Gifts of certified cultural property expired after five tax years*	439				
Gifts of certified cultural property at the beginning of the current tax year	440		B		
Add:					
Gifts of certified cultural property transferred on an amalgamation or the wind-up of a subsidiary	450				
Total gifts of certified cultural property in the current year (include this amount on line 112 of Schedule 1)	410				
Subtotal (line 450 plus line 410)			C		
Subtotal (amount B plus amount C)			D		
Deduct:					
Adjustment for an acquisition of control	455				
Amount applied in the current year against taxable income (enter this amount on line 313 of the T2 return)	460				
Subtotal (line 455 plus line 460)			E		
Gifts of certified cultural property closing balance (amount D minus amount E)	480				

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made in a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Amount carried forward – Gifts of certified cultural property

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2010-12-31			
7th prior year	2009-12-31			
8th prior year	2008-12-31			
9th prior year	2007-12-31			
10th prior year	2006-12-31			
11th prior year	2005-12-31			
12th prior year	2004-12-31			
13th prior year	2003-12-31			
14th prior year	2002-12-31			
15th prior year	2001-12-31			
16th prior year	2001-09-30			
17th prior year	2000-09-30			
18th prior year	1999-09-30			
19th prior year	1998-09-30			
20th prior year	1997-09-30			
21st prior year*	1996-09-30			
Total				

* For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, the 6th prior year gifts made in a tax year that ended before March 24, 2006, expire in the current year and the 21st prior year gifts made in a tax year that ended after March 23, 2006, expire in the current year.

Part 4 – Gifts of certified ecologically sensitive land

	Line	Federal		Québec	Alberta
Gifts of certified ecologically sensitive land at the end of the previous tax year			F		
Deduct: Gifts of certified ecologically sensitive land expired after 5 tax years, or after 10 tax years for gifts made after February 10, 2014*	539				
Gifts of certified ecologically sensitive land at the beginning of the current tax year	540		G		
Add:					
Gifts of certified ecologically sensitive land transferred on an amalgamation or the wind-up of a subsidiary	550				
Total current-year gifts of certified ecologically sensitive land made before February 11, 2014 (include this amount on line 112 of Schedule 1)	510				
Total current-year gifts of certified ecologically sensitive land made after February 10, 2014 (include this amount on line 112 of Schedule 1)	520				
Subtotal (add lines 550, 510, and 520)			H		
Subtotal (amount G plus amount H)			I		
Deduct:					
Adjustment for an acquisition of control	555				
Amount applied in the current year against taxable income (enter this amount on line 314 of the T2 return)	560				
Subtotal (line 555 plus line 560)			J		
Gifts of certified ecologically sensitive land closing balance (amount I minus amount J)	580				

* For the federal and Alberta, gifts made before February 11, 2014 , expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. For Québec, gifts made during a tax year that ended before March 24, 2006, expire after five tax years and gifts made during a tax year that ended after March 23, 2006 expire after twenty tax years.

Amounts carried forward – Gifts of certified ecologically sensitive land

Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date . . . . ____

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2010-12-31			
7th prior year	2009-12-31			
8th prior year	2008-12-31			
9th prior year	2007-12-31			
10th prior year	2006-12-31			
11th prior year*	2005-12-31			
12th prior year	2004-12-31			
13th prior year	2003-12-31			
14th prior year	2002-12-31			
15th prior year	2001-12-31			
16th prior year	2001-09-30			
17th prior year	2000-09-30			
18th prior year	1999-09-30			
19th prior year	1998-09-30			
20th prior year	1997-09-30			
21st prior year*	1996-09-30			
Total				

* For the federal and Alberta, gifts made before February 11, 2014, expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. The field "Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date" is used to determine the portion of the gifts made in the tax year straddling February 11, 2014, that expires after ten tax years.
For Québec, gifts made during a tax year that ended before March 24, 2006, expire after five tax years and gifts made in a tax year that ended after March 23, 2006, expire after twenty tax years.

Part 5 – Additional deduction for gifts of medicine

		Federal		Québec		Alberta	
Additional deduction for gifts of medicine at the end of the previous tax year			K				
Deduct: Additional deduction for gifts of medicine expired after five tax years*	639						
Additional deduction for gifts of medicine at the beginning of the current tax year	640		L				
Add:							
Additional deduction for gifts of medicine transferred on an amalgamation or the wind-up of a subsidiary	650						
Additional deduction for gifts of medicine for the current year:							
Proceeds of disposition	602		1		1		1
Cost of gifts of medicine	601		2		2		2
Subtotal (line 1 minus line 2)			3		3		3
Line 3 multiplied by 50 %			4		4		4
Eligible amount of gifts	600		5		5		5

Federal

a ________ x (b ________ / c) = Additional deduction for gifts of medicine for the current year **610** ________

Québec

a ________ x (b ________ / c) = Additional deduction for gifts of medicine for the current year ________

Alberta

a ________ x (b ________ / c) = Additional deduction for gifts of medicine for the current year ________

where:
a is the lesser of line 2 and line 4
b is the eligible amount of gifts (line 600)
c is the proceeds of disposition (line 602)

		Federal		Québec	Alberta
Subtotal (line 650 plus line 610)			M		
Subtotal (amount L plus amount M)			N		
Deduct:					
Adjustment for an acquisition of control	655				
Amount applied in the current year against taxable income (enter this amount on line 315 of the T2 return)	660				
Subtotal (line 655 plus line 660)			O		
Additional deduction for gifts of medicine closing balance (amount N minus amount O)	680				

* For the federal and Alberta, the gifts expire after five tax years. For Québec, gifts made before March 19, 2007, expire after five tax years and gifts made after March 18, 2007, expire after twenty tax years.

Amounts carried forward – Additional deduction for gifts of medicine

Year of origin:		Federal	Québec	Alberta
1st prior year	2015-12-31			
2nd prior year	2014-12-31			
3rd prior year	2013-12-31			
4th prior year	2012-12-31			
5th prior year	2011-12-31			
6th prior year*	2010-12-31			
7th prior year	2009-12-31			
8th prior year	2008-12-31			
9th prior year	2007-12-31			
10th prior year	2006-12-31			
11th prior year	2005-12-31			
12th prior year	2004-12-31			
13th prior year	2003-12-31			
14th prior year	2002-12-31			
15th prior year	2001-12-31			
16th prior year	2001-09-30			
17th prior year	2000-09-30			
18th prior year	1999-09-30			
19th prior year	1998-09-30			
20th prior year	1997-09-30			
21st prior year*	1996-09-30			
Total				

* For the federal and Alberta, the 6th prior year gifts expire in the current year. For Québec, gifts made before March 19, 2007, expire after five tax years and gifts made after March 18, 2007, expire after twenty tax years.

Québec – Gifts of musical instruments

Gifts of musical instruments at the end of the previous tax year		A
Deduct: Gifts of musical instruments expired after twenty tax years		B
Gifts of musical instruments at the beginning of the tax year		C
Add:		
Gifts of musical instruments transferred on an amalgamation or the wind-up of a subsidiary		D
Total current-year gifts of musical instruments		E
Subtotal (line D plus line E)		F
Deduct: Adjustment for an acquisition of control		G
Total gifts of musical instruments available		H
Deduct: Amount applied against taxable income		I
Gifts of musical instruments closing balance		J

Amounts carried forward – Gifts of musical instruments

Year of origin:		Québec
1st prior year	2015-12-31	
2nd prior year	2014-12-31	
3rd prior year	2013-12-31	
4th prior year	2012-12-31	
5th prior year	2011-12-31	
6th prior year*	2010-12-31	
7th prior year	2009-12-31	
8th prior year	2008-12-31	
9th prior year	2007-12-31	
10th prior year	2006-12-31	
11th prior year	2005-12-31	
12th prior year	2004-12-31	
13th prior year	2003-12-31	
14th prior year	2002-12-31	
15th prior year	2001-12-31	
16th prior year	2001-09-30	
17th prior year	2000-09-30	
18th prior year	1999-09-30	
19th prior year	1998-09-30	
20th prior year	1997-09-30	
21st prior year*	1996-09-30	
Total		

* These gifts expired in the current year.

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Dividends Received, Taxable Dividends Paid, and Part IV Tax Calculations

Schedule 3

Corporation'sname	Business number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Corporations must use this schedule to report:
  - non-taxable dividends under section 83;
  - deductible dividends under subsection 138(6);
  - taxable dividends deductible from income under section 112, subsection 113(2) and paragraphs 113(1)(a),(a.1), (b) or (d); or
  - taxable dividends paid in the tax year that qualify for a dividend refund.
- All legislative references are to the federal Income Tax Act.
- The calculations in this schedule apply only to private or subject corporations.
- A recipient corporation is connected with a payer corporation at any time in a tax year, if at that time the recipient corporation:
  - controls the payer corporation, other than because of a right referred to in paragraph 251(5)(b); or
  - owns more than 10% of the issued share capital (with full voting rights), and shares that have a fair market value of more than 10% of the fair market value of all shares of the payer corporation.
- If you need more space, continue on a separate schedule.
- File one completed copy of this schedule with your T2 Corporation Income Tax Return.
- Column A1 – Enter "X" if dividends received from a foreign source.
- Column F1 – Enter the amount of dividends received reported in column 240 that are eligible.
- Column F2 – Enter the code that applies to the deductible taxable dividend.

Part 1 – Dividends received in the tax year

- Do not include dividends received from foreign non-affiliates.
- Complete columns B, C, D, H and I only if the payer corporation is connected.

Important instructions to follow if the payer corporation is connected

- If your corporation's tax year-end is different than that of the connected payer corporation, dividends could have been received from more than one tax year of the payer corporation. If so, use a separate line to provide the information according to each tax year of the payer corporation.
- When completing column J and K use the special calculations provided in the notes.

A Name of payer corporation (from which the corporation received the dividend) 200	A1	B Enter 1 if payer corporation is connected 205	C Business Number of connected corporation 210	D Tax year-end of the payer corporation in which the sections 112/113 and subsection 138(6) dividends in column F were paid YYYY/MM/DD 220	E Non-taxable dividends under section 83 230
				Total of column E (enter amount on line 402 of Schedule 1)	

F Taxable dividends deductible from taxable income under section 112, subsections 113(2) and 138(6), and paragraphs 113(1)(a), (a.1),(b), or (d)[note 1] 240	F1 Eligible dividends (included in column F)	F2	G Dividends included in column F that was received before 2016 241	H Total taxable dividends paid by connected payer corporation (for tax year in column D) 250	I Dividend refund of the connected payer corporation (for tax year in column D)[note 2] 260	J Part IV tax before deductions. Dividends (from column G) received before 2016 multiplied by 33 1/3%[note 3] 270	K Part IV tax before deductions. Dividends received after 2015 (column F minus column G) multiplied by 38 1/3%[note 4] 275
Total of column F (include this amount on line 320 of the T2 Return)						Total of column J (enter amount on line a in Part 2)	Total of column K (enter amount on line b in Part 2)

1 If taxable dividends are received, enter the amount in column 240, but if the corporation is not subject to Part IV tax (such as a public corporation other than a subject corporation as defined in subsection 186(3)), enter "0" in column 270 or column 275 as applicable according to the date received. Life insurers are not subject to Part IV tax on subsection 138(6) dividends.

2 If the connected payer corporation's tax year ends after the corporation's balance-due day for the tax year (two or three months, as applicable), you have to estimate the payer's dividend refund when you calculate the corporation's Part IV tax payable.

3 For dividends received before 2016 from connected corporations, Part IV tax on dividends is equal to: column G multiplied by column I divided by column H.

4 For dividends received after 2015 from connected corporations, Part IV tax on dividends is equal to: column I divided by column H multiplied by the result of column F minus column G.

Part 2 – Calculation of Part IV tax payable

Part IV tax on dividends received before 2016, before deductions (total of column J in part 1) . . . . . . ______ a

Part IV tax on dividends received after 2015, before deductions (total of column K in part 1) . . . . . . ______ b

Part IV tax before deductions (amount a plus amount b) . . . . ______ ▶ ______ L

Deduct:

Part IV.I tax payable on dividends subject to Part IV tax (from line 360 of Schedule 43) . . . . 320 ______

Subtotal (amount L minus line 320) ______ M

Deduct:

Current-year non-capital loss claimed to reduce Part IV tax . . . . 330 ______ c

Non-capital losses from previous years claimed to reduce Part IV tax . . . . 335 ______ d

Current-year farm loss claimed to reduce Part IV tax . . . . 340 ______ e

Farm losses from previous years claimed to reduce Part IV tax . . . . 345 ______ f

Total losses applied against Part IV tax (total of amounts c to f) ______ g

If your tax year begins after December 31, 2015:

Amount g multiplied by 38 1 / 3 % . . . . ______ h

If your tax year begins before January 1, 2016:

Amount b or M whichever is less

______ ÷ 38 1 / 3 % . . . = ______ 1

Amount 1 or g, whichever is less . . . . ______ 2

Amount g minus amount 2 . . . . ______ 3

Amount 2 ______ x 38 1 / 3 % = ______ i

Amount 3 ______ x 33 1 / 3 % = ______ j

Subtotal (amount i plus amount j) ______ k

Amount h or amount k, whichever applies depending on your tax year start date . . . . ______ N

Part IV tax payable (amount M minus amount N, if negative enter "0") . . . . 360 ______
(enter amount on line 712 of the T2 return)

Part 3 – Taxable dividends paid in the tax year that qualify for a dividend refund

If your corporation's tax year-end is different than that of the connected recipient corporation, your corporation could have paid dividends in more than one tax year of the recipient corporation. If so, use a separate line to provide the information according to each tax year of the recipient corporation.

	O Name of connected recipientcorporation 400	P Business Number 410	Q Taxyear-end of connected recipient corporation in which the dividends in column R werereceived YYYY/MM/DD 420	R Taxabledividends paid to connected corporations 430	R1 Eligible dividends (included in column R)
1	Hydro Ottawa Holding Inc.	89411 0816 RC0001	2016-12-31	17,500,000	

Total of column R 17,500,000

Total taxable dividends paid in the tax year to other than connected corporations . . . . . 450 ______

Eligible dividends (included in line 450) . . . . . 450a ______

Total taxable dividends paid in the tax year that qualify for a dividend refund (total of column R plus line 450) 460 17,500,000

Part 4 – Total dividends paid in the tax year

Complete this part if the total taxable dividends paid in the tax year that qualify for a dividend refund (line 460) is different from the total dividends paid in the tax year.

Total taxable dividends paid in the tax year for the purposes of a dividend refund (from above) 17,500,000

Other dividends paid in the tax year (total of 510 to 540) . . . . . ______

Total dividends paid in the tax year 500 17,500,000

Deduct:

Dividends paid out of capital dividend account . . . . . 510 ______

Capital gains dividends . . . . . 520 ______

Dividends paid on shares described in subsection 129(1.2) . . . . . 530 ______

Taxable dividends paid to a controlling corporation that was bankrupt at any time in the year . . . . . 540 ______

Subtotal (total of lines 510 to 540) ______ ► ______ S

Total taxable dividends paid in the tax year that qualify for a dividend refund (Line 500 minus amount S) 17,500,000 T

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Schedule 5

Tax Calculation Supplementary – Corporations

Corporation's name	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Use this schedule if, during the tax year, the corporation:
  - had a permanent establishment in more than one jurisdiction (corporations that have no taxable income should only complete columns A, B and D in Part 1);
  - is claiming provincial or territorial tax credits or rebates (see Part 2); or
  - has to pay taxes, other than income tax, for Newfoundland and Labrador, or Ontario (see Part 2).
- All legislative references mentioned in this schedule are from the Income Tax Regulations.
- For more information, see the T2 Corporation – Income Tax Guide.
- Enter the regulation number in field 100 of Part 1.

Part 1 – Allocation of taxable income

100 ____ Enter the Regulation that applies (402 to 413).

A Jurisdiction Tick yes if the corporation had a permanent establishment in the jurisdiction during the tax year.*		B Total salaries and wages paid in jurisdiction	C (B x taxable income) / G	D Gross revenue	E (D x taxable income) / H	F Allocation of taxable income (C + E) x 1/2** (where either G or H is nil, do not multiply by 1/2)
Newfoundland and Labrador	003 1 Yes ☐	103		143		
Newfoundland and Labrador Offshore	004 1 Yes ☐	104		144		
Prince Edward Island	005 1 Yes ☐	105		145		
Nova Scotia	007 1 Yes ☐	107		147		
Nova Scotia Offshore	008 1 Yes ☐	108		148		
New Brunswick	009 1 Yes ☐	109		149		
Quebec	011 1 Yes ☐	111		151		
Ontario	013 1 Yes ☐	113		153		
Manitoba	015 1 Yes ☐	115		155		
Saskatchewan	017 1 Yes ☐	117		157		
Alberta	019 1 Yes ☐	119		159		
British Columbia	021 1 Yes ☐	121		161		
Yukon	023 1 Yes ☐	123		163		
Northwest Territories	025 1 Yes ☐	125		165		
Nunavut	026 1 Yes ☐	126		166		
Outside Canada	027 1 Yes ☐	127		167		
Total		129 G		169 H		

* "Permanent establishment" is defined in subsection 400(2).

** For corporations other than those described under section 402, use the appropriate calculation described in the Regulations to allocate taxable income.

Notes:

1. After determining the allocation of taxable income, you have to calculate the corporation's provincial or territorial tax payable. For more information on how to calculate the tax for each province or territory, see the instructions for Schedule 5 in the T2 Corporation – Income Tax Guide.
2. If the corporation has provincial or territorial tax payable, complete Part 2.
3. If the corporation is a member of a partnership and the partnership had a permanent establishment in a jurisdiction, select the jurisdiction in Column A and include your proportionate share of the partnership's salaries and wages and gross revenue in columns B and D, respectively.

Part 2 – Ontario tax payable, tax credits, and rebates

Total taxable income	Income eligible for small business deduction	Provincial or territorial allocation of taxable income	Provincial or territorial tax payable before credits
17,477,603		17,477,603	2,009,924

	Code	Amount		Total	Line
Ontario basic income tax (from Schedule 500)	270	2,009,924			
Deduct: Ontario small business deduction (from Schedule 500)	402				
Subtotal		2,009,924	►	2,009,924	A6
Add:					
Ontario additional tax re Crown royalties (from Schedule 504)	274				
Ontario transitional tax debits (from Schedule 506)	276				
Recapture of Ontario research and development tax credit (from Schedule 508)	277				
Subtotal			►		B6
Subtotal (amount A6 plus amount B6)				2,009,924	C6
Deduct:					
Ontario resource tax credit (from Schedule 504)	404				
Ontario tax credit for manufacturing and processing (from Schedule 502)	406				
Ontario foreign tax credit (from Schedule 21)	408				
Ontario credit union tax reduction (from Schedule 500)	410				
Ontario political contributions tax credit (from Schedule 525)	415				
Subtotal			►		D6
Subtotal (amount C6 minus amount D6) (if negative, enter "0")				2,009,924	E6
Deduct: Ontario research and development tax credit (from Schedule 508)			416		
Ontario corporate income tax payable before Ontario corporate minimum tax credit and Ontario community food program donation tax credit for farmers (amount E6 minus amount on line 416) (if negative, enter "0")				2,009,924	F6
Deduct:					
Ontario corporate minimum tax credit (from Schedule 510)			418	984,113	
Ontario community food program donation tax credit for farmers (from Schedule 2)			420		
Ontario corporate income tax payable (amount F6 minus amounts on line 418 and line 420) (if negative, enter "0")				1,025,811	G6
Add:					
Ontario corporate minimum tax (from Schedule 510)	278				
Ontario special additional tax on life insurance corporations (from Schedule 512)	280				
Subtotal			►		H6
Total Ontario tax payable before refundable credits (amount G6 plus amount H6)				1,025,811	I6
Deduct:					
Ontario qualifying environmental trust tax credit	450				
Ontario co-operative education tax credit (from Schedule 550)	452	49,517			
Ontario apprenticeship training tax credit (from Schedule 552)	454	123,814			
Ontario computer animation and special effects tax credit (from Schedule 554)	456				
Ontario film and television tax credit (from Schedule 556)	458				
Ontario production services tax credit (from Schedule 558)	460				
Ontario interactive digital media tax credit (from Schedule 560)	462				
Ontario sound recording tax credit (from Schedule 562)	464				
Ontario book publishing tax credit (from Schedule 564)	466				
Ontario innovation tax credit (from Schedule 566)	468				
Ontario business-research institute tax credit (from Schedule 568)	470				
Subtotal		173,331	►	173,331	J6
Net Ontario tax payable or refundable credit (amount I6 minus amount J6) (if a credit, enter a negative amount) Include this amount on line 255.			290	852,480	K6

Summary

Enter the total net tax payable or refundable credits for all provinces and territories on line 255.

Net provincial and territorial tax payable or refundable credits	255	852,480

If the amount on line 255 is positive, enter the net provincial and territorial tax payable on line 760 of the T2 return.
If the amount on line 255 is negative, enter the net provincial and territorial refundable tax credits on line 812 of the T2 return.

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Schedule 8

Capital Cost Allowance (CCA)

Corporation's name	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

For more information, see the section called "Capital Cost Allowance" in the T2 Corporation Income Tax Guide.

Is the corporation electing under Regulation 1101(5q)? 101 1 Yes [ ] 2 No [X]

	1 Class number (See Note) 200	Description	2 Undepreciated capital cost at the beginning of the year (amount from column 12 of last year's schedule 8) 201	3 Cost of acquisitions during the year (new property must be available for use)* 203	4 Adjustments and transfers** 205	5 Proceeds of dispositions during the year (amount not to exceed the capital cost) 207	6 50% rule (1/2 of the amount, if any, by which the net cost of acquisitions exceeds column 5)*** 211	7 Reduced undepreciated capital cost	8 CCA rate % **** 212	9 Recapture of capital cost allowance***** (line 107 of Schedule 1) 213	10 Terminal loss (line 404 of Schedule 1) 215	11 Capital cost allowance (for declining balance method, column 7 multiplied by column 8, or a lower amount) (line 403 of Schedule 1) ****** 217	12 Undepreciated capital cost at the end of the year (column 6 plus column 7 minus column 11) 220
1.	1		186,358,301			0		186,358,301	4	0	0	7,454,332	178,903,969
2.	1b		23,702,261	811,008		0	405,504	24,107,765	6	0	0	1,446,466	23,066,803
3.	2	Dist equip pre 88	59,690,568			0		59,690,568	6	0	0	3,581,434	56,109,134
4.	3	buildings pre 88	9,190,094			0		9,190,094	5	0	0	459,505	8,730,589
5.	8		7,705,031	4,469,514		0	2,234,757	9,939,788	20	0	0	1,987,958	10,186,587
6.	10		4,592,551	1,672,674		84,962	793,856	5,386,407	30	0	0	1,615,922	4,564,341
7.	12		4,858,522	2,067,209		0	1,033,605	5,892,126	100	0	0	5,892,126	1,033,605
8.	42		327,084			0		327,084	12	0	0	39,250	287,834
9.	43.2	SOLAR ASSETS	42,786			0		42,786	50	0	0	21,393	21,393
10.	45		14,376			0		14,376	45	0	0	6,469	7,907
11.	47		417,692,632	67,611,180		0	33,805,590	451,498,222	8	0	0	36,119,858	449,183,954
12.	50		2,040,086	618,657		0	309,329	2,349,414	55	0	0	1,292,178	1,366,565
		Totals	716,214,292	77,250,242		84,962	38,582,641	754,796,931				59,916,891	733,462,681

Note: Class numbers followed by a letter indicate the basic rate of the class taking into account the additional deduction allowed.
Class 1a: 4% + 6% = 10% (class 1 to 10%), class 1b: 4% + 2% = 6% (class 1 to 6%).

* Include any property acquired in previous years that has now become available for use. This property would have been previously excluded from column 3. List separately any acquisitions that are not subject to the 50% rule, see Regulation 1100(2) and (2.2).

** Enter in column 4, "Adjustments and transfers", amounts that increase or reduce the undepreciated capital cost.
Items that increase the undepreciated capital cost include amounts transferred under section 85, or transferred on amalgamation or winding-up of a subsidiary. Items that reduce the undepreciated capital cost include government assistance received or entitled to be received in the year, or a reduction of capital cost after the application of section 80. See the T2 Corporation Income Tax Guide for other examples of adjustments and transfers to include in column 4.

*** The net cost of acquisitions is the cost of acquisitions (column 3) plus or minus certain adjustments and transfers from column 4. For information on the exceptions to the 50% rule, as well as how to calculate the amounts to enter in column 6 in those cases, see Interpretation Bulletin IT-285, Capital Cost Allowance - General Comments.

**** Enter a rate only if you are using the declining balance method. For any other method (for example the straight-line method, where calculations are always based on the cost of acquisitions), enter N/A. Then enter the amount you are claiming in column 11.

***** For every entry in column 9, the "Recapture of capital cost allowance" there must be a corresponding entry in column 5, "Proceeds of dispositions during the year". The recapture and terminal loss rules do not apply to passenger vehicles in Class 10.1.

****** If the tax year is shorter than 365 days, prorate the CCA claim. Some classes of property do not have to be prorated. See the T2 Corporation Income Tax Guide for more information.

Fixed Assets Reconciliation

Reconciliation of change in fixed assets per financial statements to amounts used per tax return.

Tax return

Additions for tax purposes – Schedule 8 regular classes		77,250,242	
Additions for tax purposes – Schedule 8 leasehold improvements	+		
Operating leases capitalized for book purposes	+		
Capital gain deferred	+		
Recapture deferred	+		
Deductible expenses capitalized for book purposes – Schedule 1	+		
Other (specify):			
Increase in CIP from 2015 to 2016	+	17,310,577	
Increase in Inventory from 2015 to 2016	+	367,105	
Additions - ECE	+	3,485,389	
AFUDC	+	889,402	
Total additions per books	=	99,302,715 ▶	99,302,715
Proceeds up to original cost – Schedule 8 regular classes		84,962	
Proceeds up to original cost – Schedule 8 leasehold improvements	+		
Proceeds in excess of original cost – capital gain	+		
Recapture deferred – as above	+		
Capital gain deferred – as above	+		
Pre V-day appreciation	+		
Other (specify):			
	+		
Total proceeds per books	=	84,962 ▶	– 84,962
Depreciation and amortization per accounts – Schedule 1			– 40,207,390
Loss on disposal of fixed assets per accounts			– 1,449,601
Gain on disposal of fixed assets per accounts			+
Net change per tax return			= 57,560,762

Financial statements

Fixed assets (excluding land) per financial statements

Closing net book value		867,277,000
Opening net book value	–	809,520,000
Net change per financial statements	=	57,757,000

If the amounts from the tax return and the financial statements differ, explain why below.

Difference - immaterial, rounding

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SCHEDULE 9

RELATED AND ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Complete this schedule if the corporation is related to or associated with at least one other corporation.
- For more information, see the T2 Corporation Income Tax Guide.

	Name	Country of residence (other than Canada)	Business number (see note 1)	Relationship code (see note 2)	Number of common shares you own	% of common shares you own	Number of preferred shares you own	% of preferred shares you own	Book value of capital stock
	100	200	300	400	500	550	600	650	700
1.	Hydro Ottawa Holding Inc./Societe		89411 0816 RC0001	1					
2.	Energy Ottawa Inc./Energie Ottawa		86338 9961 RC0001	3					
3.	Telecom Ottawa Holding Inc. / Soci		86202 9337 RC0001	3					
4.	PowerTrail Inc.		82829 3944 RC0001	3					
5.	Moose Creek Energy Inc.		82851 1311 RC0001	3					
6.	Chaudiere Hydro Inc. Hydro Chaudi		81281 3103 RC0001	3					
7.	Chaudiere Water Power Inc/Energie		10093 1955 RC0001	3					
8.	2425932 ONTARIO INC.		80053 3846 RC0001	3					
9.	CHAUDIERE HYDRO NORTH INC.		79821 6321 RC0001	3					
10.	EO GENERATION GP INC.		83966 8308 RC0001	3					
11.	THE GANANOQUE WATER POWER		10521 4068 RC0001	3					
12.	SOLARTRAIL GP INC.		81087 4164 RC0001	3					
13.	EONY GENERATION HOLDING INC.	US	NR	3					
14.	EONY GENERATION LIMITED	US	NR	3					
15.	9927891 CANADA INC.		74962 8699 RC0001	3					
16.	CPS CURRENT POWER SERVICES (		78232 7522 RC0001	3					
17.	ENERGY OTTAWA CABLE TESTING		74276 6892 RC0001	3					
18.	HULL ENERGY GP INC.		74882 0321 RC0001	3					

Note 1: Enter "NR" if the corporation is not registered or does not have a business number.
Note 2: Enter the code number of the relationship that applies from the following order: 1 - Parent 2 - Subsidiary 3 - Associated 4 - Related but not associated

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SCHEDULE 10

CUMULATIVE ELIGIBLE CAPITAL DEDUCTION

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- For use by a corporation that has eligible capital property. For more information, see the T2 Corporation Income Tax Guide.
- A separate cumulative eligible capital account must be kept for each business.

Part 1 – Calculation of current year deduction and carry-forward

Cumulative eligible capital - Balance at the end of the preceding taxation year (if negative, enter "0") . . . . 200 10,789,194 A

Add: Cost of eligible capital property acquired during the taxation year 222 3,485,389

Other adjustments 226

Subtotal (line 222 plus line 226) 3,485,389 x 3 / 4 = 2,614,042 B

Non-taxable portion of a non-arm's length transferor's gain realized on the transfer of an eligible capital property to the corporation after December 20, 2002 . . . . 228 x 1 / 2 = C

amount B minus amount C (if negative, enter "0") 2,614,042 ▶ 2,614,042 D

Amount transferred on amalgamation or wind-up of subsidiary . . . . 224 E

Subtotal (add amounts A, D, and E) 230 13,403,236 F

Deduct: Proceeds of sale (less outlays and expenses not otherwise deductible) from the disposition of all eligible capital property during the taxation year . . . . 242 G

The gross amount of a reduction in respect of a forgiven debt obligation as provided for in subsection 80(7) . . . . 244 H

Other adjustments . . . . 246 I

(add amounts G,H, and I) x 3 / 4 = 248 J

Cumulative eligible capital balance (amount F minus amount J) . . . . 13,403,236 K

(if amount K is negative, enter "0" at line M and proceed to Part 2)

Cumulative eligible capital for a property no longer owned after ceasing to carry on that business 249

amount K 13,403,236

less amount from line 249

Current year deduction . . . . 13,403,236 x 7.00 % = 250 938,227 *

(line 249 plus line 250) (enter this amount at line 405 of Schedule 1) 938,227 ▶ 938,227 L

Cumulative eligible capital – Closing balance (amount K minus amount L) (if negative, enter "0") . . . . 300 12,465,009 M

* You can claim any amount up to the maximum deduction of 7%. The deduction may not exceed the maximum amount prorated by the number of days in the taxation year divided by 365.

Part 2 – Amount to be included in income arising from disposition

(complete this part only if the amount at line K is negative)

Amount from line K (show as positive amount)				N
Total of cumulative eligible capital (CEC) deductions from income for taxation years beginning after June 30, 1988		400	1	
Total of all amounts which reduced CEC in the current or prior years under subsection 80(7)		401	2	
Total of CEC deductions claimed for taxation years beginning before July 1, 1988	402	3		
Negative balances in the CEC account that were included in income for taxation years beginning before July 1, 1988	408	4		
Line 3 minus line 4 (if negative, enter "0")		▶	5	
Total of lines 1, 2 and 5			6	
Amounts included in income under paragraph 14(1)(b), as that paragraph applied to taxation years ending after June 30, 1988 and before February 28, 2000, to the extent that it is for an amount described at line 400	7			
Amounts at line T from Schedule 10 of previous taxation years ending after February 27, 2000	8			
Subtotal (line 7 plus line 8)	409	▶	9	
Line 6 minus line 9 (if negative, enter "0")			▶	O
Line N minus line O (if negative, enter "0")				P
		Line 5	x 1 / 2 =	Q
Line P minus line Q (if negative, enter "0")				R
		Amount R	x 2 / 3 =	S
Amount N or amount O, whichever is less				T
Amount to be included in income (amount S plus amount T) (enter this amount on line 108 of Schedule 1)			410	

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SCHEDULE 13

CONTINUITY OF RESERVES

Name of corporation	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- For use by corporations to provide a continuity of all reserves claimed which are allowed for tax purposes.
- File one completed copy of this schedule with the corporation's T2 Corporation Income Tax Return.
- For more information, see the T2 Corporation Income Tax Guide.

Part 1 – Capital gains reserves

	Description of property 001	Balance at the beginning of the year $ 002	Transfer on an amalgamation or the wind-up of a subsidiary $ 003	Add $	Deduct $	Balance at the end of the year $ 004
1						
	Totals	008	009			010

The amount from line 008 plus the amount from line 009 should be entered on line 880 of Schedule 6, Summary of Dispositions of Capital Property. The amount from line 010 should be entered on line 885 of Schedule 6.

Part 2 – Other reserves

Description		Balance at the beginning of the year $	Transfer on an amalgamation or the wind-up of a subsidiary $	Add $	Deduct $	Balance at the end of the year $
Reserve for doubtful debts	X	110 1,545,557	115	175,714		120 1,721,271
Reserve for undelivered goods and services not rendered		130	135			140
Reserve for prepaid rent		150	155			160
Reserve for refundable containers		190	195			200
Reserve for unpaid amounts		210	215			220
Other tax reserves		230	235			240
Totals		270 1,545,557	275	175,714		280 1,721,271

Enter "X" in the column above if the tax reserve has also been reported on the corporation's financial statements. This allows offsetting entries on Schedule 1, resulting in a zero effect on net income for tax purposes.

The amount from line 270 plus the amount from line 275 should be entered on line 125 of Schedule 1, Net Income (Loss) for Income Tax Purposes, as an addition. The amount from line 280 should be entered on line 413 of Schedule 1 as a deduction.

Continuity of financial statement reserves (not deductible)

Financial statement reserves (not deductible)

	Description	Balance at the beginning of the year	Transfer on an amalgamationor the wind-up of a subsidiary	Add	Deduct	Balance at the end of the year
1	Allowance for Doubtful Debts	375,476			375,476	
2	Contingent Liability	1,806,899			124,550	1,682,349
	Reserves from Part 2 of Schedule 13	1,545,557		175,714		1,721,271
	Totals	3,727,932		175,714	500,026	3,403,620

The total opening balance plus the total transfers should be entered on line 414 of Schedule 1 as a deduction.
The total closing balance should be entered on line 126 of Schedule 1 as an addition.

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Schedule 15

Deferred Income Plans

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Complete the information below if the corporation deducted payments from its income made to a registered pension plan (RPP), a registered supplementary unemployment benefit plan (RSUBP), a deferred profit sharing plan (DPSP), a pooled registered pension plan (PRPP), or an employee profit sharing plan (EPSP).
- If the trust that governs an employee profit sharing plan is not resident in Canada, please indicate if the T4PS, Statement of Employees Profit Sharing Plan Allocations and Payments, Supplementary slip(s) were filed for the last calendar year, and whether they were filed by the trustee or the employer.

	Type of plan (see note 1) 100	Amount of contribution $ (see note 2) 200	Registration number (RPP, RSUBP, PRPP, and DPSP only) 300	Name of EPSP trust 400	Address of EPSP trust 500	T4PS slip(s) (see note 3) 600
1	1	5,512,000	345983			

Note 1

Enter the applicable code number:

1 – RPP
2 – RSUBP
3 – DPSP
4 – EPSP
5 – PRPP

Note 2

You do not need to add to Schedule 1 any payments you made to deferred income plans.
To reconcile such payments, calculate the following amount:

Total of all amounts indicated in column 200 of this schedule . . . . 5,512,000 A

Less:

Total of all amounts for deferred income plans deducted in your financial statements . . . . . 5,512,000 B

Deductible amount for contributions to deferred income plans
(amount A minus amount B) (if negative, enter "0") C

Enter amount C on line 417 of Schedule 1

Note 3

T4PS slip(s) filed by: 1 – Trustee
2 – Employer (EPSP only)

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Canada

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Schedule 23

Agreement Among Associated Canadian-Controlled Private Corporations to Allocate the Business Limit

- For use by a Canadian-controlled private corporation (CCPC) to identify all associated corporations and to assign a percentage for each associated corporation. This percentage will be used to allocate the business limit for purposes of the small business deduction. Information from this schedule will also be used to determine the date the balance of tax is due and to calculate the reduction to the business limit.
- An associated CCPC that has more than one tax year ending in a calendar year, is required to file an agreement for each tax year ending in that calendar year.

Column 1: Enter the legal name of each of the corporations in the associated group. Include non-CCPCs and CCPCs that have filed an election under subsection 256(2) of the Income Tax Act not to be associated for purposes of the small business deduction.

Column 2: Provide the business number for each corporation (if a corporation is not registered, enter "NR").

Column 3: Enter the association code from the list below that applies to each corporation:

1 – Associated for purposes of allocating the business limit (unless code 5 applies)
2 – CCPC that is a "third corporation" that has elected under subsection 256(2) not to be associated for purposes of the small business deduction
3 – Non-CCPC that is a "third corporation" as defined in subsection 256(2)
4 – Associatednon-CCPC
5 – Associated CCPC to which code 1 does not apply because of a subsection 256(2) election made by a "third corporation"

Column 4: Enter the business limit for the year of each corporation in the associated group.

Column 5: Assign a percentage to allocate the business limit to each corporation that has an association code 1 in column 3. The total of all percentages in column 5 cannot exceed 100%.

Column 6: Enter the business limit allocated to each corporation by multiplying the amount in column 4 by the percentage in column 5. Add all business limits allocated in column 6 and enter the total at line A.

Ensure that the total at line A does not exceed $500,000.

Allocating the business limit

Date filed (do not use this area) . . . . . 025 Year Month Day

Enter the calendar year to which the agreement applies . . . . . 050 Year 2016

Is this an amended agreement for the above calendar year that is intended to replace an agreement previously filed by any of the associated corporations listed below? . . . . . 075 1 Yes [ ] 2 No [X]

	1 Names of associated corporations 100	2 Business number of associated corporations 200	3 Association code 300	4 Business limit for the year beforetheallocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400
1	Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	1	500,000	100.0000	500,000
2	Hydro Ottawa Holding Inc./Societe De Portefe	89411 0816 RC0001	1	500,000		
3	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	1	500,000		
4	Telecom Ottawa Holding Inc. / Societe De Port	86202 9337 RC0001	1	500,000		
5	PowerTrail Inc.	82829 3944 RC0001	1	500,000		
6	Moose Creek Energy Inc.	82851 1311 RC0001	1	500,000		
7	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	1	500,000		
8	Chaudiere Water Power Inc/Energie Hydrauliqu	10093 1955 RC0001	1	500,000		
9	2425932 ONTARIO INC.	80053 3846 RC0001	1	500,000		
10	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	1	500,000		
11	EO GENERATION GP INC.	83966 8308 RC0001	1	500,000		
12	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	1	500,000		
13	SOLARTRAIL GP INC.	81087 4164 RC0001	1	500,000		
14	EONY GENERATION HOLDING INC.	NR	4			
15	EONY GENERATION LIMITED	NR	4			
16	9927891 CANADA INC.	74962 8699 RC0001	1	500,000		
17	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	1	500,000		
18	ENERGY OTTAWA CABLE TESTING SERVICES I	74276 6892 RC0001	1	500,000		

	1 Names of associated corporations 100	2 Business number of associated corporations 200	3 Asso-ciation code 300	4 Business limit for the year before the allocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400	
19	HULL ENERGY GP INC.	74882 0321 RC0001	1	500,000			
				Total	100.0000	500,000	A

Business limit reduction under subsection 125(5.1) of the Act

The business limit reduction is calculated in the small business deduction area of the T2 return. One of the factors used in this calculation is the "large corporation amount" at line 415 of the T2 return. The amount at line 415 is determined using the formula 0.225% x (D - $10,000,000). Details of this formula and variable D are in subsection 125(5.1) of the Act.

* Each corporation will enter on line 410 of the T2 return, the amount allocated to it in column 6. However, if the corporation's tax year is less than 51 weeks, prorate the amount in column 6 by the number of days in the tax year divided by 365, and enter the result on line 410 of the T2 return.

Special rules for business limit

Special rules apply under subsection 125(5) if a CCPC has more than one tax year ending in the same calendar year and it is associated in more than one of those tax years with another CCPC that has a tax year ending in that calendar year. The business limit for the second or later tax year will be equal to the business limit determined for the first tax year ending in the calendar year or the business limit determined for the second or later tax year ending in the same calendar year, whichever is less.

T2 SCH 23 E (15) Canada

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Schedule 31

Investment Tax Credit – Corporations

General information

- Use this schedule:
  - to calculate an investment tax credit (ITC) earned during the tax year;
  - to claim a deduction against Part I tax payable;
  - to claim a refund of credit earned during the current tax year;
  - to claim a carryforward of credit from previous tax years;
  - to transfer a credit following an amalgamation or wind-up of a subsidiary, as described under subsections 87(1) and 88(1);
  - to request a credit carryback to one or more previous years; or
  - if you are subject to a recapture of ITC.
- Unless otherwise noted, all legislative references are to the Income Tax Act and the Income Tax Regulations.
- The ITC is eligible for a three-year carryback (if not deductible in the year earned). It is also eligible for a twenty-year carryforward.
- Investments or expenditures, described in subsection 127(9) and Regulation Part XLVI, that earn an ITC are:
  - qualified property and qualified resource property (Parts 4 to 7 of this schedule);
  - expenditures that are part of the scientific research and experimental development (SR&ED) qualified expenditure pool (Parts 8 to 17). File Form T661, Scientific Research and Experimental Development (SR&ED) Expenditures Claim;
  - pre-production mining expenditures (Parts 18 to 20);
  - apprenticeship job creation expenditures (Parts 21 to 23); and
  - child care spaces expenditures (Parts 24 to 28).
- Include a completed copy of this schedule with the T2 Corporation Income Tax Return. If you need more space, attach additional schedules.
- For more information on ITCs, see "Investment Tax Credit" in Guide T4012, T2 Corporation – Income Tax Guide, Information Circular IC78-4, Investment Tax Credit Rates, and its related Special Release.
- For more information on SR&ED, see T4088, Guide to Form T661 – Scientific Research and Experimental Development (SR&ED) Expenditures Claim. Also see the Eligibility of Work for SR&ED Investment Tax Credits Policy at cra.gc.ca/txcrdt/sred-rsde/clmng/lgbltywrkfrsrdnvstmnttxcrdts-eng.html.

Detailed information

- For the purpose of this schedule, investment means the capital cost of the property (excluding amounts added by an election under section 21), determined without reference to subsections 13(7.1) and 13(7.4), minus the amount of any government or non-government assistance that the corporation has received, is entitled to receive, or can reasonably be expected to receive for that property when it files the income tax return for the year in which the property was acquired.
- An ITC deducted or refunded in a tax year for a depreciable property, other than a depreciable property deductible under paragraph 37(1)(b), reduces both the capital cost of that property and the undepreciated capital cost of that class in the next tax year. An ITC for SR&ED deducted or refunded in a tax year will reduce the balance in the pool of deductible SR&ED expenditures and the adjusted cost base (ACB) of an interest in a partnership in the next tax year. An ITC from pre-production mining expenditures deducted in a tax year reduces the balance in the pool of deductible cumulative Canadian exploration expenses in the next tax year.
- Property acquired has to be available for use before a claim for an ITC can be made. See subsections 127(11.2) and 248(19) for more information.
- Expenditures for SR&ED and capital costs for a property qualifying for an ITC must be identified by the claimant on Form T661 and Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Expenditures for pre-production mining, apprenticeship, or child care space for an ITC must be identified by the claimant on Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Partnership allocations – Subsection 127(8) provides for the allocation of the amount that may reasonably be considered to be a partner's share of the ITCs of the partnership at the end of the fiscal period of the partnership. An allocation of ITCs is generally considered to be the partner's reasonable share of the ITCs if it is made in the same proportion in which the partners have agreed to share any income or loss and if section 103 is not applicable for the agreement to share any income or loss. Special rules apply to specified and limited partners. For more information, see Guide T4068, Guide for the Partnership Information Return.
- For SR&ED expenditures, the expression in Canada includes the "exclusive economic zone" (as defined in the Oceans Act to generally consist of an area that is within 200 nautical miles from the Canadian coastline), including the airspace, seabed and subsoil for that zone.
- For the purpose of this schedule, the expression Atlantic Canada includes the Gaspé Peninsula and the provinces of Newfoundland and Labrador, Prince Edward Island, Nova Scotia, and New Brunswick, as well as their respective offshore regions (prescribed in Regulation 4609).
- For the purpose of this schedule, qualified property means property in Atlantic Canada that is used primarily for manufacturing and processing, farming or fishing, logging, storing grain, or harvesting peat. Property in Atlantic Canada that is used primarily for oil and gas, and mining activities is considered qualified property only if acquired by the taxpayer before March 29, 2012. Qualified property includes new buildings and new machinery and equipment (prescribed in Regulation 4600), and if acquired by the taxpayer after March 28, 2012, new energy generation and conservation property (prescribed in Regulation 4600). Qualified property can also be used primarily to produce or process electrical energy or steam in a prescribed area (as described in Regulation 4610). See the definition of qualified property in subsection 127(9) for more information.

Detailed information (continued)

- For the purpose of this schedule, qualified resource property means property in Atlantic Canada that is used primarily for oil and gas, and mining activities, if acquired by the taxpayer after March 28, 2012, and before January 1, 2016. Qualified resource property includes new buildings and new machinery and equipment (prescribed in Regulation 4600). See the definition of qualified resource property in subsection 127(9) for more information.
- For the purpose of this schedule, pre-production mining exploration expenditures are pre-production mining expenditures incurred after March 28, 2012, by the taxpayer to determine the existence, location, extent, or quality of certain mineral resources in Canada, excluding expenses incurred in the exploration of an oil or gas well. See subparagraph (a)(i) of the definition of pre-production mining expenditure in subsection 127(9) for more information.
- For the purpose of this schedule, pre-production mining development expenditures are pre-production mining expenditures incurred after March 28, 2012, by the taxpayer to bring a new mineral resource mine in Canada into production, excluding expenses in the development of a bituminous sands deposit or an oil shale deposit. See subparagraph (a)(ii) of the definition of pre-production mining expenditure in subsection 127(9) for more information.

Part 1 – Investments, expenditures, and percentages

Investments	Specified percentage
Qualified property acquired primarily for use in Atlantic Canada	10 %
Qualified resource property acquired primarily for use in Atlantic Canada and acquired:	
– after March 28, 2012, and before 2014	10 %
– after 2013 and before 2016	5 %
– after 2015*	0 %
Expenditures	
If you are a Canadian-controlled private corporation (CCPC), this percentage may apply to the portion that you claim of the SR&ED qualified expenditure pool that does not exceed your expenditure limit (see Part 10)	35 %
Note: If your current year's qualified expenditures are more than your expenditure limit (see Part 10), the excess is eligible for an ITC calculated at the 20 % rate**.	
If you are a corporation that is not a CCPC and have incurred qualified expenditures for SR&ED in any area in Canada:	
– before 2014**	20 %
– after 2013**	15 %
If you are a taxable Canadian corporation that incurred pre-production mining expenditures before March 29, 2012	10 %
If you are a taxable Canadian corporation that incurred pre-production mining exploration expenditures:	
– after March 28, 2012, and before 2013	10 %
– in 2013	5 %
– after 2013	0 %
If you are a taxable Canadian corporation that incurred pre-production mining development expenditures***:	
– after March 28, 2012, and before 2014	10 %
– in 2014	7 %
– in 2015	4 %
– after 2015	0 %
If you paid salary and wages to apprentices in the first 24 months of their apprenticeship contract for employment	10 %
If you incurred eligible expenditures after March 18, 2007, for the creation of licensed child care spaces for the children of your employees and, potentially, for other children	25 %

* A transitional relief rate of 10% may apply to property acquired after 2013 and before 2017, if the property is acquired under a written agreement entered into before March 29, 2012, or the property is acquired as part of a phase of a project where the construction or the engineering and design work for the construction started before March 29, 2012. See paragraph (a.1) of the definition of specified percentage in subsection 127(9) for more information.

** The reduction of the rate from 20% to 15% applies to 2014 and later tax years, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013.

*** A transitional relief rate may apply to expenditures incurred after 2013 and before 2016, if the expenditure is incurred under a written agreement entered into before March 29, 2012, or the expenditure is incurred as part of the development of a new mine where the construction or the engineering and design work for the construction of the new mine started before March 29, 2012. See subparagraphs (k)(ii) and (iii) of the definition of specified percentage in subsection 127(9) for more information.

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

Part 2 – Determination of a qualifying corporation

Is the corporation a qualifying corporation? . . . . 101 1 Yes [ ] 2 No [X]

For the purpose of a refundable ITC, a qualifying corporation is defined under subsection 127.1(2). The corporation has to be a CCPC and its taxable income (before any loss carrybacks) for its previous tax year cannot be more than its qualifying income limit for the particular tax year. If the corporation is associated with any other corporations during the tax year, the total of the taxable incomes of the corporation and the associated corporations (before any loss carrybacks), for their last tax year ending in the previous calendar year, cannot be more than their qualifying income limit for the particular tax year.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered not associated for the calculation of a refundable ITC if:
- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of both corporations; and
- one of the corporations has at least one shareholder who is not common to both corporations.

If you are a qualifying corporation, you will earn a 100% refund on your share of any ITCs earned at the 35% rate on qualified current expenditures for SR&ED, up to the allocated expenditure limit. The 100% refund does not apply to qualified capital expenditures eligible for the 35% credit rate. They are only eligible for the 40% refund*.

Some CCPCs that are not qualifying corporations may also earn a 100% refund on their share of any ITCs earned at the 35% rate on qualified current expenditures for SR&ED, up to the allocated expenditure limit. The expenditure limit can be determined in Part 10. The 100% refund does not apply to qualified capital expenditures eligible for the 35% credit rate. They are only eligible for the 40% refund*.

The 100% refund will not be available to a corporation that is an excluded corporation as defined under subsection 127.1(2). A corporation is an excluded corporation if, at any time during the year, it is a corporation that is either controlled by (directly or indirectly, in any manner whatever) or is related to:

a) one or more persons exempt from Part I tax under section 149;
b) Her Majesty in right of a province, a Canadian municipality, or any other public authority; or
c) any combination of persons referred to in a) or b) above.

* Capital expenditures incurred after December 31, 2013, including lease payments for property that would have been a capital expenditure if purchased directly, are not qualified SR&ED expenditures and are not eligible for an ITC on SR&ED expenditures.

Part 3 – Corporations in the farming industry

Complete this area if the corporation is making SR&ED contributions.

Is the corporation claiming a contribution in the current year to an agricultural organization whose goal is to finance SR&ED work (for example, check-off dues)? . . . . 102 1 Yes [ ] 2 No [X]

If yes, complete Schedule 125, Income Statement Information, to identify the type of farming industry the corporation is involved in.

Contributions to agricultural organizations for SR&ED* . . . . 103 ________
(Enter this amount on line 350 of Part 8)

* Enter only contributions not already included on Form T661.
Include 80% of the contributions made after 2012. For contributions made before 2013, include all of the contributions.

Qualified Property and Qualified Resource Property

Part 4 – Eligible investments for qualified property and qualified resource property from the current tax year

Capital cost allowance class number 105	Description of investment 110	Date available for use 115	Location used in Atlantic Canada (province) 120	Amount of investment 125
			Total of investments for qualified property and qualified resource property	A1

Part 5 – Current-year credit and account balances – ITC from investments in qualified property and qualified resource property

ITC at the end of the previous tax year B1

Deduct:

Credit deemed as a remittance of co-op corporations 210

Credit expired 215

Subtotal (line 210 plus line 215) ▶ C1

ITC at the beginning of the tax year (amount B1 minus amount C1) 220

Add:

Credit transferred on amalgamation or wind-up of subsidiary 230

ITC from repayment of assistance 235

Qualified property; and qualified resource property acquired after March 28, 2012, and before January 1, 2014* (applicable part from amount A1 in Part 4) . . . . . x 10 % = 240

Qualified resource property acquired after December 31, 2013, and before January 1, 2016 (applicable part from amount A1 in Part 4) . . . . . x 5 % = 242

Credit allocated from a partnership 250

Subtotal (total of lines 230 to 250) ▶ D1

Total credit available (line 220 plus amount D1) E1

Deduct:

Credit deducted from Part I tax (enter this amount at line D8 in Part 30) 260

Credit carried back to the previous year(s) (from amount H1 in Part 6) . . . . . a

Credit transferred to offset Part VII tax liability 280

Subtotal (total of line 260, amount a, and line 280) ▶ F1

Credit balance before refund (amount E1 minus amount F1) G1

Deduct:

Refund of credit claimed on investments from qualified property and qualified resource property (from Part 7) 310

ITC closing balance of investments from qualified property and qualified resource property (amount G1 minus line 310) 320

* Include investments acquired after 2013 and before 2017 that are eligible for transitional relief.

Part 6 – Request for carryback of credit from investments in qualified property and qualified resource property

	Year	Month	Day			
1st previous tax year				Credit to be applied	901	
2nd previous tax year				Credit to be applied	902	
3rd previous tax year				Credit to be applied	903	

Total of lines 901 to 903 H1
(enter amount H1 on line a in Part 5)

Part 7 – Refund of ITC for qualifying corporations on investments from qualified property and qualified resource property

Current-year ITCs (total of lines 240, 242, and 250 in Part 5) I1

Credit balance before refund (from amount G1 in Part 5) J1

Refund (40 % of amount I1 or J1, whichever is less) K1

Enter amount K1 or a lesser amount on line 310 in Part 5 (also enter it on line 780 of the T2 return if you don't claim an SR&ED ITC refund).

SR&ED

Part 8 – Qualified SR&ED expenditures

Current expenditures (from line 557 on Form T661) . . . .

Contributions to agricultural organizations for SR&ED . . . .
Deduct:
Government assistance, non-government assistance, or contract payment . . . .
Contributions to agricultural organizations for SR&ED for the federal ITC (this amount is updated to line 103 of Part 3. For more details, consult the Help.)* . . . . ► +

Current expenditures (line 557 on Form T661 plus line 103 in Part 3)* . . . . ► 350

Capital expenditures incurred before 2014 (from line 558 on Form T661)** 360

Repayments made in the year (from line 560 on Form T661) 370

Qualified SR&ED expenditures (total of lines 350 to 370) 380

* If you are claiming only contributions made to agricultural organizations for SR&ED, line 350 should equal line 103 in Part 3. Do not file Form T661.

** Capital expenditures incurred after December 31, 2013, are not qualified SR&ED expenditures. Capital cost allowance can be claimed for depreciable property acquired for use in SR&ED after 2013.

Part 9 – Components of the SR&ED expenditure limit calculation

Part 9 only applies if you are a CCPC.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered not associated for the calculation of an SR&ED expenditure limit if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of the corporation; and
- one of the corporations has at least one shareholder who is not common to both corporations.

Is the corporation associated with another CCPC for the purpose of calculating the SR&ED expenditure limit? . . . . 385 1 Yes [ ] 2 No [X]

If you answered no to the question on line 385 above or if you are not associated with any other corporations, complete lines 390 and 398.
If you answered yes, the amounts for associated corporations will be determined on Schedule 49.

Enter your taxable income for the previous tax year* (prior to any loss carrybacks applied) 390 1,715,538

Enter your taxable capital employed in Canada for the previous tax year minus $10 million. If this amount is nil or negative, enter "0". 778,062,139
If this amount is over $40 million, enter $40 million 398 40,000,000

* If the tax year referred to on line 390 is less than 51 weeks, multiply the taxable income by the following result: 365 divided by the number of days in that tax year.

Part 10 – SR&ED expenditure limit for a CCPC

For a stand-alone (not associated) corporation: $ 8,000,000

Deduct:
Taxable income for the previous tax year (from line 390 in Part 9) or $500,000, whichever is more 1,715,538 x 10 = 17,155,380 A2

Excess ($8,000,000 minus amount A2; if negative, enter "0") B2

$ 40,000,000 minus line 398 in Part 9 . . . . a

Amount a divided by $ 40,000,000 . . . . C2

Expenditure limit for the stand-alone corporation (amount B2 multiplied by amount C2)* D2

For an associated corporation:
If associated, the allocation of the SR&ED expenditure limit, as provided on Schedule 49* 400 E2

If your tax year is less than 51 weeks, calculate the amount of the expenditure limit as follows:

Amount D2 or E2 ____ x Number of days in the tax year 366 / 365 = ... F2

Your SR&ED expenditure limit for the year (enter the amount from amount D2, E2, or F2, whichever applies) 410

* Amount D2 or E2 cannot be more than $3,000,000.

Part 11 – Investment tax credits on SR&ED expenditures

Current expenditures (from line 350 in Part 8) or the expenditure limit (from line 410 in Part 10), whichever is less* . . . . 420 ________ x 35 % = ________ G2

Line 350 minus line 410 (if negative, enter "0") . . . . 430 ________

Amount from line 430 ________ x (Number of days in the tax year before 2014 / Number of days in the tax year) x 20% = ________ b

Amount from line 430** ________ x (Number of days in the tax year after 2013 / Number of days in the tax year) 366 / 366 x 15 % = ________ c

Subtotal (amount b plus amount c) . . . . ________ ▶ ________ H2

Line 410 minus line 350 (if negative, enter "0") . . . . ________ d

Capital expenditures (from line 360 in Part 8) or amount d above, whichever is less* . . . . 440 ________ x 35 % = ________ I2

Line 360 minus amount d above (if negative, enter "0") . . . . 450 ________

Amount from line 450 ________ x (Number of days in the tax year before 2014 / Number of days in the tax year) x 20% = ________ e

Amount from line 450** ________ x (Number of days in the tax year after 2013 / Number of days in the tax year) 366 / 366 x 15 % = ________ f

Subtotal (amount e plus amount f) . . . . ________ ▶ ________ J2

If a corporation makes a repayment of any government or non-government assistance, or contract payments that reduced the amount of qualified expenditures for ITC purposes, the amount of the repayment is eligible for a credit.

Repayments (amount from line 370 in Part 8) . . . . . ________

The ITC on the repayment (the credit) is calculated using the ITC rate that you used to determine your ITC when your qualified expenditures for ITC purposes were reduced because of thegovernment or non-government assistance, or contract payments. Enter the amount of the repayment on the line that corresponds to the appropriate rate. ***

460 ________	x	35 %	= ________	g
480 ________	x	20 %	= ________	h
490 ________	x	15 %	= ________	i

Subtotal (add amounts g to i) ________ ▶ ________ K2

Current-year SR&ED ITC (total of amounts G2 to K2; enter on line 540 in Part 12) . . . . ________ L2

* For corporations that are not CCPCs, enter "0" for amounts G2 and I2.

** For tax years that end after 2013, the general SR&ED ITC rate is reduced from 20% to 15%, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013. For tax years that have a start date after 2013, multiply the amount by 15%.

*** If you are reporting a repayment for a tax year which included two calendar years with different rates (such as a 2014 tax year that started in 2013), the amount of repayment is allocated between the two ITC rates as follows:

– For the first part of the tax year, enter on the line next to the applicable ITC rate, the result of the following calculation: The full repayment amount multiplied by the number of days in the tax year which were in the first calendar year, divided by the total number of days in the tax year.
– For the last part of the tax year which is in the second calendar year, enter on the line next to the applicable ITC rate, the difference between the first part calculated above and the full repayment amount.

Part 12 – Current-year credit and account balances – ITC from SR&ED expenditures

ITC at the end of the previous tax year M2

Deduct:

Credit deemed as a remittance of co-op corporations 510

Credit expired 515

Subtotal (line 510 plus line 515) ▶ N2

ITC at the beginning of the tax year (amount M2 minus amount N2) 520

Add:

Credit transferred on amalgamation or wind-up of subsidiary 530

Total current-year credit (from amount L2 in Part 11) 540

Credit allocated from a partnership 550

Subtotal (total of lines 530 to 550) ▶ O2

Total credit available (line 520 plus amount O2) P2

Deduct:

Credit deducted from Part I tax (enter this amount at line E8 in Part 30) 560

Credit carried back to the previous year(s) (from amount S2 in Part 13) . . . . j

Credit transferred to offset Part VII tax liability 580

Subtotal (total of line 560, amount j, and line 580) ▶ Q2

Credit balance before refund (amount P2 minus amount Q2) R2

Deduct:

Refund of credit claimed on SR&ED expenditures (from Part 14 or 15, whichever applies) 610

ITC closing balance on SR&ED (amount R2 minus line 610) 620

Part 13 – Request for carryback of credit from SR&ED expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	911	
2nd previous tax year				Credit to be applied	912	
3rd previous tax year				Credit to be applied	913	

Total of lines 911 to 913 (enter amount S2 at line j in Part 12) S2

Part 14 – Refund of ITC for qualifying corporations – SR&ED

Complete this part only if you are a qualifying corporation as determined on line 101 in Part 2.

Is the corporation an excluded corporation as defined under subsection 127.1(2)? . . . . . 650 1 Yes [ ] 2 No [X]

Current-year ITC (lines 540 plus 550 in Part 12 minus amount K2 in Part 11) . . . . . ______ k

Refundable credits (amount k or amount R2 in Part 12, whichever is less)* . . . . . ______ T2

Deduct:

Amount T2 or amount G2 in Part 11, whichever is less . . . . . ______ U2

Net amount (amount T2 minus amount U2; if negative, enter "0") . . . . . ______ V2

Amount V2 multiplied by 40 % . . . . . ______ W2

Add:

Amount U2 . . . . . ______ X2

Refund of ITC (amount W2 plus amount X2 – enter this, or a lesser amount, on line 610 in Part 12) . . . . . ______ Y2

Enter the total of line 310 in Part 5 and line 610 in Part 12 on line 780 of the T2 return.

* If you are also an excluded corporation, as defined in subsection 127.1(2), this amount must be multiplied by 40%. Claim this, or a lesser amount, as your refund of ITC for amount Y2.

Part 15 – Refund of ITC for CCPCs that are not qualifying or excluded corporations – SR&ED

Complete this box only if you are a CCPC that is not a qualifying or excluded corporation as determined on line 101 in Part 2.

Credit balance before refund (from amount R2 in Part 12) . . . . . ______ Z2

Deduct:

Amount Z2 or amount G2 in Part 11, whichever is less . . . . . -

Net amount (amount Z2 minus amount AA2; if negative, enter "0") . . . . . ______ BB2

Amount BB2 or amount I2 in Part 11, whichever is less . . . . . ______ CC2

Amount CC2 multiplied by 40 % . . . . . ______ DD2

Add:

Amount AA2 . . . . . -

Refund of ITC (amount DD2 plus amount EE2) . . . . . ______ FF2

Enter FF2, or a lesser amount, on line 610 in Part 12 and also on line 780 of the T2 return.

Recapture – SR&ED

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED

You will have a recapture of ITC in a year when all of the following conditions are met:

- you acquired a particular property in the current year or in any of the 20 previous tax years, and the credit was earned in a tax year ending after 1997 and did not expire before 2008;
- you claimed the cost of the property as a qualified expenditure for SR&ED on Form T661;
- the cost of the property was included in calculating your ITC or was the subject of an agreement made under subsection 127(13) to transfer qualified expenditures; and
- you disposed of the property or converted it to commercial use after February 23, 1998. This condition is also met if you disposed of or converted to commercial use a property that incorporates the particular property previously referred to.

Note:

The recapture does not apply if you disposed of the property to a non-arm's-length purchaser who intended to use it all or substantially all for SR&ED. When the non-arm's-length purchaser later sells or converts the property to commercial use, the recapture rules will apply to the purchaser based on the historical ITC rate of the original user.

You will report a recapture on the T2 return for the year in which you disposed of the property or converted it to commercial use. In the following tax year, add the amount of the ITC recapture to the SR&ED expenditure pool.

If you have more than one disposition for calculations 1 and 2, complete the columns for each disposition for which a recapture applies, using the calculation formats below.

Calculation 1 – If you meet all of the above conditions

Amount of ITC you originally calculated for the property you acquired, or the original user's ITC where you acquired the property from a non-arm's length party, as described in the note above 700	Amount calculated using ITC rate at the date of acquisition (or the original user's date of acquisition) on either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value of the property (in any other case) 710	Amount from column 700 or 710, whichever is less
	Subtotal (enter amount A3 on line C3 in Part 17)	A3

Calculation 2 – Only if you transferred all or a part of the qualified expenditure to another person under an agreement described in subsection 127(13); otherwise, enter nil on line B3.

A Rate that the transferee used in determining its ITC for qualified expenditures under a subsection 127(13) agreement 720	B Proceeds of disposition of the property if you dispose of it to an arm's length person; or, in any other case, enter the fair market value of the property at conversion or disposition 730	C Amount, if any, already provided for in Calculation 1 (This allows for the situation where only part of the cost of a property is transferred under a subsection 127(13) agreement.) 740	D Amount determined by the formula (A x B) – C	E ITC earned by the transferee for the qualified expenditures that were transferred 750	F Amount from column D or E, whichever is less
				Subtotal (total of column F) (enter amount B3 on line D3 in Part 17)	B3

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED (continued)

Calculation 3

As a member of the partnership, you will report your share of the SR&ED ITC of the partnership after the SR&ED ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 550 in Part 12. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 760.

Corporate partner's share of the excess of SR&ED ITC (amount to be reported on line E3 in Part 17) 760 ____________

Part 17 – Total recapture of SR&ED investment tax credit

Recaptured ITC from calculation 1, amount A3 in Part 16		C3
Recaptured ITC from calculation 2, amount B3 in Part 16		D3
Recaptured ITC from calculation 3, line 760 in Part 16		E3
Total recapture of SR&ED investment tax credit (total of amounts C3 to E3)		F3

Enter amount F3 on line A8 in Part 29.

Pre-Production Mining

Part 18 – Pre-production mining expenditures

Exploration information

A mineral resource that qualifies for the credit means a mineral deposit from which the principal mineral to be extracted is diamond, a base or precious metal deposit, or a mineral deposit from which the principal mineral to be extracted is an industrial mineral that, when refined, results in a base or precious metal.

In column 800, list all minerals for which pre-production mining expenditures have taken place in the tax year.

For each of the minerals reported in column 800, identify each project (in column 805), mineral title (in column 806), and mining division (in column 807) where title is registered. If there is no mineral title, identify only the project and mining division.

List of minerals 800	Project name 805

Mineral title 806	Mining division 807

Pre-production mining expenditures*

Exploration:
Pre-production mining expenditures that you incurred in the tax year (before January 1, 2014) for the purpose of determining the existence, location, extent, or quality of a mineral resource in Canada:

Prospecting	810	
Geological, geophysical, or geochemical surveys	811	
Drilling by rotary, diamond, percussion, or other methods	812	
Trenching, digging test pits, and preliminary sampling	813	

Development:
Pre-production mining expenditures incurred in the tax year for bringing a new mine in a mineral resource in Canada into production in reasonable commercial quantities and incurred before the new mine comes into production in such quantities:

Clearing, removing overburden, and stripping	820	
Sinking a mine shaft, constructing an adit, or other underground entry	821	

Other pre-production mining expenditures incurred in the tax year:

Description 825	Amount 826

Total of column 826		►	A4
Total pre-production mining expenditures (total of lines 810 to 821 and amount A4)	830		
Deduct:			
Total of all assistance (grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to on line 830 above	832		
Excess (line 830 minus line 832) (if negative, enter "0")			B4
Add:			
Repayments of government and non-government assistance	835		
Pre-production mining expenditures (amount B4 plus line 835)			C4

* A pre-production mining expenditure is defined under subsection 127(9).

Part 19 – Current-year credit and account balances – ITC from pre-production mining expenditures

ITC at the end of the previous tax year . . . . _______ D4

Deduct:

Credit deemed as a remittance of co-op corporations . . . . 841 _______

Credit expired . . . . 845 _______

Subtotal (line 841 plus line 845) _______ ► _______ E4

ITC at the beginning of the tax year (amount D4 minus amount E4) . . . . 850 _______

Add:

Credit transferred on amalgamation or wind-up of subsidiary . . . . 860 _______

Pre-production mining expenditures* incurred before January 1, 2013 (applicable part from amount C4 in Part 18) . . 870 _______ x 10 % = _______ a

Pre-production mining exploration expenditures** incurred in 2013 (applicable part from amount C4 in Part 18) . . 872 _______ x 5 % = _______ b

Pre-production mining development expenditures incurred in 2014 (applicable part from amount C4 in Part 18) . . 874 _______ x 7 % = _______ c

Pre-production mining development expenditures incurred in 2015 (applicable part from amount C4 in Part 18) . . 876 _______ x 4 % = _______ d

Current year credit (total of amounts a to d) 880 _______ ► _______ F4

Total credit available (total of lines 850, 860, and amount F4) . . . . _______ G4

Deduct:

Credit deducted from Part I tax (enter this amount at line F8 in Part 30) . . . . 885 _______

Credit carried back to the previous year(s) (from amount I4 in Part 20) . . . . _______ e

Subtotal (line 885 plus amount e) _______ ► _______ H4

ITC closing balance from pre-production mining expenditures (amount G4 minus amount H4) . . . . 890 _______

* Also include pre-production mining development expenditures incurred before 2014 and pre-production mining development expenditures incurred after 2013 and before 2016 that are eligible for transitional relief.

** Also include pre-production mining development expenditures incurred in 2015 if the expense is described in subparagraph (a)(ii) of the definition pre-production mining expenditure in subsection 127(9) of the Act because of paragraph (g.4) of the definition Canadian exploration expense in subsection 66.1(6) of the Act.

Part 20 – Request for carryback of credit from pre-production mining expenditures

	Year	Month	Day			
1st previous tax year				. . . . Credit to be applied	921	_______
2nd previous tax year				. . . . Credit to be applied	922	_______
3rd previous tax year				. . . . Credit to be applied	923	_______

Total of lines 921 to 923 (enter amount I4 on line e in Part 19) _______ I4

Apprenticeship Job Creation

Part 21 – Total current-year credit – ITC from apprenticeship job creation expenditures

If you are a related person as defined under subsection 251(2), has it been agreed in writing that you are the only employer who will be claiming the apprenticeship job creation tax credit for this tax year for each apprentice whose contract number (or social insurance number (SIN) or name) appears below? (If not, you cannot claim the tax credit.) . . . . 611 1 Yes ☐ 2 No ☐

For each apprentice in their first 24 months of the apprenticeship, enter the apprenticeship contract number registered with Canada, or a province or territory, under an apprenticeship program designed to certify or license individuals in the trade. For the province, the trade must be a Red Seal trade. If there is no contract number, enter the SIN or the name of the eligible apprentice.

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
1.	[redacted]	[redacted]	66,196	6,620	2,000
2.	[redacted]	[redacted]	76,540	7,654	2,000
3.	[redacted]	[redacted]	65,251	6,525	2,000
4.	[redacted]	[redacted]	68,418	6,842	2,000
5.	[redacted]	[redacted]	63,822	6,382	2,000
6.	[redacted]	[redacted]	83,602	8,360	2,000
7.	[redacted]	[redacted]	40,048	4,005	2,000
8.	[redacted]	[redacted]	40,312	4,031	2,000
9.	[redacted]	[redacted]	39,518	3,952	2,000
10.	[redacted]	[redacted]	39,955	3,996	2,000
11.	[redacted]	[redacted]	37,583	3,758	2,000

Total current-year credit (total of column E) (enter amount A5 on line 640 in Part 22) 22,000 A5

* Other than qualified expenditure incurred, and net of any other government or non-government assistance received or to be received. Eligible salary and wages, and qualified expenditures are defined under subsection 127(9).

Part 22 – Current-year credit and account balances – ITC from apprenticeship job creation expenditures

ITC at the end of the previous tax year B5

Deduct:

Credit deemed as a remittance of co-op corporations 612

Credit expired after 20 tax years 615

Subtotal (line 612 plus line 615) ▶ C5

ITC at the beginning of the tax year (amount B5 minus amount C5) 625

Add:

Credit transferred on amalgamation or wind-up of subsidiary 630

ITC from repayment of assistance 635

Total current-year credit (from amount A5 in Part 21) 640 22,000

Credit allocated from a partnership 655

Subtotal (total of lines 630 to 655) 22,000 ▶ 22,000 D5

Total credit available (line 625 plus amount D5) 22,000 E5

Deduct:

Credit deducted from Part I tax (enter this amount at line G8 in Part 30) 660 22,000

Credit carried back to the previous year(s) (from amount G5 in Part 23) . . . . a

Subtotal (line 660 plus amount a) 22,000 ▶ 22,000 F5

ITC closing balance from apprenticeship job creation expenditures (amount E5 minus amount F5) 690

Part 23 – Request for carryback of credit from apprenticeship job creation expenditures

	Year Month Day			
1st previous tax year		Credit to be applied	931	
2nd previous tax year		Credit to be applied	932	
3rd previous tax year		Credit to be applied	933	

Total of lines 931 to 933 (enter amount G5 on line a in Part 22) ____ G5

Child Care Spaces

Part 24 – Eligible child care spaces expenditures

Enter the eligible expenditures that you incurred to create licensed child care spaces for the children of the employees and, potentially, for other children. You cannot be carrying on a child care services business. The eligible expenditures include:

- the cost of depreciable property (other than specified property); and
- the specified child care start-up expenditures.

Properties should be acquired and expenditures should be incurred only to create new child care spaces at a licensed child care facility.

Cost of depreciable property from the current tax year

	Capital cost allowance class number 665	Description of investment 675	Date available for use 685	Amount of investment 695
1.				

Total cost of depreciable property from the current tax year (total of column 695) 715 ____

Add:

Specified child care start-up expenditures from the current tax year 705 ____

Total gross eligible expenditures for child care spaces (line 715 plus line 705) ____ A6

Deduct:

Total of all assistance (including grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to in amount A6 725 ____

Excess (amount A6 minus line 725) (if negative, enter "0") ____ B6

Add:

Repayments by the corporation of government and non-government assistance 735 ____

Total eligible expenditures for child care spaces (amount B6 plus line 735) 745 ____

Part 25 – Current-year credit – ITC from child care spaces expenditures

The credit is equal to 25% of eligible child care spaces expenditures incurred to a maximum of $10,000 per child care space created in a licensed child care facility.

Eligible expenditures (from line 745 in Part 24) ____ x 25 % = ____ C6

Number of child care spaces 755 ____ x $ 10,000 = ____ D6

ITC from child care spaces expenditures (amount C6 or D6, whichever is less) ____ E6

Part 26 – Current-year credit and account balances – ITC from child care spaces expenditures

ITC at the end of the previous tax year F6

Deduct:

Credit deemed as a remittance of co-op corporations 765

Credit expired after 20 tax years 770

Subtotal (line 765 plus line 770) ▶ G6

ITC at the beginning of the tax year (amount F6 minus amount G6) 775

Add:

Credit transferred on amalgamation or wind-up of subsidiary 777

Total current-year credit (from amount E6 in Part 25) 780

Credit allocated from a partnership 782

Subtotal (total of lines 777 to 782) ▶ H6

Total credit available (line 775 plus amount H6) I6

Deduct:

Credit deducted from Part I tax (enter this amount at line H8 in Part 30) 785

Credit carried back to the previous year(s) (from amount K6 in Part 27) . . . . . a

Subtotal (line 785 plus amount a) ▶ J6

ITC closing balance from child care spaces expenditures (amount I6 minus amount J6) 790

Part 27 – Request for carryback of credit from child care space expenditures

	Year Month Day			
1st previous tax year	2015-12-31	. . . . . Credit to be applied	941	
2nd previous tax year	2014-12-31	. . . . . Credit to be applied	942	
3rd previous tax year	2013-12-31	. . . . . Credit to be applied	943	

Total of lines 941 to 943
(enter amount K6 on line a in Part 26) K6

Recapture – Child Care Spaces

Part 28 – Recapture of ITC for corporations and partnerships – Child care spaces

The ITC will be recovered against the taxpayer's tax otherwise payable under Part I of the Act if, at any time within 60 months of the day on which the taxpayeracquiredtheproperty:

- the new child care space is no longer available; or
- property that was an eligible expenditure for the child care space is:
  - disposed of or leased to a lessee; or
  - converted to another use.

If the property disposed of is a child care space, the amount that can reasonably be considered to have been included in the original ITC (paragraph 127(27.12)(a)) . . . . . 792 ______

In the case of eligible expenditures (paragraph 127(27.12)(b)), the lesser of:

The amount that can reasonably be considered to have been included in the original ITC . . . . 795 ______

25% of either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value (in any other case) of the property . . . . . 797 ______

Amount from line 795 or line 797, whichever is less . . . . . ______ A7

Partnerships

As a member of the partnership, you will report your share of the child care spaces ITC of the partnership after the child care spaces ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 782 in Part 26. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 799 below.

Corporate partner's share of the excess of ITC 799 ______

Total recapture of child care spaces investment tax credit (total of line 792, amount A7, and line 799) . . . . . ______ B7

Enter amount B7 on line B8 in Part 29.

Summary of Investment Tax Credits

Part 29 – Total recapture of investment tax credit

Recaptured SR&ED ITC (from amount F3 in Part 17)		A8
Recaptured child care spaces ITC (from amount B7 in Part 28)		B8
Total recapture of investment tax credit (amount A8 plus amount B8)		C8

Enter amount C8 on line 602 of the T2 return.

Part 30 – Total ITC deducted from Part I tax

ITC from investments in qualified property deducted from Part I tax (from line 260 in Part 5)		D8
ITC from SR&ED expenditures deducted from Part I tax (from line 560 in Part 12)		E8
ITC from pre-production mining expenditures deducted from Part I tax (from line 885 in Part 19)		F8
ITC from apprenticeship job creation expenditures deducted from Part I tax (from line 660 in Part 22)	22,000	G8
ITC from child care space expenditures deducted from Part I tax (from line 785 in Part 26)		H8
Total ITC deducted from Part I tax (total of amounts D8 to H8)	22,000	I8

Enter amount I8 on line 652 of the T2 return.

Summary of Investment Tax Credit Carryovers

Continuity of investment tax credit carryovers

CCA class number 97 Apprenticeship job creation ITC

Current year

Addition current year (A)	Applied current year (B)	Claimed as a refund (C)	Carried back (D)	ITC end of year (A-B-C-D)
22,000	22,000			

Prior years

Taxation year	ITC beginning of year (E)	Adjustments (F)	Applied current year (G)	ITC end of year (E-F-G)
2015-12-31				
2014-12-31				
2013-12-31				
2012-12-31				
2011-12-31				
2010-12-31				
2009-12-31				
2008-12-31				
2007-12-31				
2006-12-31				*
2005-12-31				
2004-12-31				
2003-12-31				
2002-12-31				
2001-12-31				
2001-09-30				
2000-09-30				
1999-09-30				
1998-09-30				
1997-09-30				*
Total				

B+C+D+G **Total ITC utilized** 22,000

* The ITC end of year includes the amount of ITC expired from the 10th preceding year if it is before January 1, 1998, or the amount of ITC expired from the 20th preceding year if it is after December 31, 1997. Note that this credit expires at the end of the tax year and any expired credit will be posted to line 215, 515, 615, 770 or 845, as applicable, in Schedule 31 the following year.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 33

Taxable Capital Employed in Canada – Large Corporations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Use this schedule in determining if the total taxable capital employed in Canada of the corporation (other than a financial institution or an insurance corporation) and its related corporations is greater than $10,000,000.
- If the total taxable capital employed in Canada of the corporation and its related corporations is greater than $10,000,000, file a completed Schedule 33 with your T2 Corporation Income Tax Return no later than six months from the end of the tax year.
- Unless otherwise noted, all legislative references are to the Income Tax Act and the Income Tax Regulations.
- Subsection 181(1) defines the terms financial institution, long-term debt, and reserves.
- Subsection 181(3) provides the basis to determine the carrying value of a corporation's assets or any other amount under Part I.3 for its capital, investment allowance, taxable capital, or taxable capital employed in Canada, or for a partnership in which it has an interest.
- If the corporation was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada, go to Part 4, Taxable capital employed in Canada.

Part 1 – Capital

Add the following year-end amounts:

	Line	Amount	
Reserves that have not been deducted in calculating income for the year under Part I	101	1,744,382	
Capital stock (or members' contributions if incorporated without share capital)	103	167,081,000	
Retained earnings	104	152,718,000	
Contributed surplus	105		
Any other surpluses	106		
Deferred unrealized foreign exchange gains	107		
All loans and advances to the corporation	108	532,503,875	
All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations	109		
Any dividends declared but not paid by the corporation before the end of the year	110		
All other indebtedness of the corporation (other than any indebtedness for a lease) that has been outstanding for more than 365 days before the end of the year	111		
The total of all amounts, each of which is the amount, if any, in respect of a partnership in which the corporation held a membership interest at the end of the year, either directly or indirectly through another partnership (see note below)	112		
Subtotal (add lines 101 to 112)		854,047,257 ▶	854,047,257 A

Note:

Line 112 is determined by the formula (A – B) x C/D (as per paragraph 181.2(3)(g)) where:

A is the total of all amounts that would be determined for lines 101, 107, 108, 109, and 111 in respect of the partnership for its last fiscal period that ends at or before the end of the year if
- a) those lines applied to partnerships in the same manner that they apply to corporations, and
- b) those amounts were computed without reference to amounts owing by the partnership
  - (i) to any corporation that held a membership interest in the partnership either directly or indirectly through another partnership, or
  - (ii) to any partnership in which a corporation described in subparagraph (i) held a membership interest either directly or indirectly through another partnership.

B is the partnership's deferred unrealized foreign exchange losses at the end of the period,

C is the share of the partnership's income or loss for the period to which the corporation is entitled either directly or indirectly through another partnership, and

D is the partnership's income or loss for the period.

Part 1 – Capital (continued)

Subtotal A (from page 1)			854,047,257 A
Deduct the following amounts:			
Deferred tax debit balance at the end of the year	121		
Any deficit deducted in calculating its shareholders' equity (including, for this purpose, the amount of any provision for the redemption of preferred shares) at the end of the year	122		
To the extent that the amount may reasonably be regarded as being included in any of lines 101 to 112 above for the year, any amount deducted under subsection 135(1) in calculating income under Part I for the year.	123		
Deferred unrealized foreign exchange losses at the end of the year	124		
Subtotal (add lines 121 to 124)			B
Capital for the year (amount A minus amount B) (if negative, enter "0")	190		854,047,257

Part 2 – Investment allowance

Add the carrying value at the end of the year of the following assets of the corporation:

A share of another corporation	401	
A loan or advance to another corporation (other than a financial institution)	402	3,627,000
A bond, debenture, note, mortgage, hypothecary claim, or similar obligation of another corporation (other than a financial institution)	403	
Long-term debt of a financial institution	404	
A dividend payable on a share of the capital stock of another corporation	405	
A loan or advance to, or a bond, debenture, note, mortgage, hypothecary claim or similar obligation of, a partnership each member of which was, throughout the year, another corporation (other than a financial institution) that was not exempt from tax under this Part (otherwise than because of paragraph 181.1(3)(d)), or another partnership described in paragraph 181.2(4)(d.1)	406	
An interest in a partnership (see note 2 below)	407	
Investment allowance for the year (add lines 401 to 407)	490	3,627,000

Notes:

1. Lines 401 to 405 should not include the carrying value of a share of the capital stock of, a dividend payable by, or indebtedness of a corporation that is exempt from tax under Part I.3 (other than a non-resident corporation that at no time in the year carried on business in Canada through a permanent establishment).
2. Where the corporation has an interest in a partnership held either directly or indirectly through another partnership, refer to subsection 181.2(5) for additional rules regarding the carrying value of an interest in a partnership.
3. Where a trust is used as a conduit for loaning money from a corporation to another related corporation (other than a financial institution), the loan will be considered to have been made directly from the lending corporation to the borrowing corporation. Refer to subsection 181.2(6) for special rules that may apply.

Part 3 – Taxable capital

Capital for the year (line 190)		854,047,257 C
Deduct: Investment allowance for the year (line 490)		3,627,000 D
Taxable capital for the year (amount C minus amount D) (if negative, enter "0")	500	850,420,257

Part 4 – Taxable capital employed in Canada

To be completed by a corporation that was resident in Canada at any time in the year

Taxable capital for the year (line 500) 850,420,257 x Taxable income earned in Canada 610 17,477,603 / Taxable income 17,477,603 = Taxable capital employed in Canada 690 850,420,257

Notes: 1. Regulation 8601 gives details on calculating the amount of taxable income earned in Canada.
2. Where a corporation's taxable income for a tax year is "0," it shall, for the purposes of the above calculation, be deemed to have a taxable income for that year of $1,000.
3. In the case of an airline corporation, Regulation 8601 should be considered when completing the above calculation.

To be completed by a corporation that was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada

Total of all amounts each of which is the carrying value at the end of the year of an asset of the corporation used in the year or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . 701 ____________

Deduct the following amounts:

Corporation's indebtedness at the end of the year [other than indebtedness described in any of paragraphs 181.2(3)(c) to (f)] that may reasonably be regarded as relating to a business it carried on during the year through a permanent establishment in Canada . . . . 711 ____________

Total of all amounts each of which is the carrying value at the end of year of an asset described in subsection 181.2(4) of the corporation that it used in the year, or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . 712 ____________

Total of all amounts each of which is the carrying value at the end of year of an asset of the corporation that is a ship or aircraft the corporation operated in international traffic, or personal or movable property used or held by the corporation in carrying on any business during the year through a permanent establishment in Canada (see note below) . . . . 713 ____________

Total deductions (add lines 711, 712, and 713) ____________ ► ____________ E

Taxable capital employed in Canada (line 701 minus amount E) (if negative, enter "0") . . . . 790 ____________

Note: Complete line 713 only if the country in which the corporation is resident did not impose a capital tax for the year on similar assets, or a tax for the year on the income from the operation of a ship or aircraft in international traffic, of any corporation resident in Canada during the year.

Part 5 – Calculation for purposes of the small business deduction

This part is applicable to corporations that are not associated in the current year, but were associated in the prior year.

Taxable capital employed in Canada (amount from line 690)		F
Deduct:	10,000,000	G
Excess (amount F minus amount G) (if negative, enter "0")		H
Calculation for purposes of the small business deduction (amount H x 0.225%)		I

Enter this amount at line 415 of the T2 return.

Attached Schedule with Total

Part 1 – All loans and advances to the corporation

Title Part 1 – All loans and advances to the corporation

Description	Operator (Note)	Amount	
Notes Payable		507,185,000	00
Tender Deposits	+	525,619	71
Key Deposits	+	44,445	00
Retailer Prudentials	+	61,901	11
Customer credit balances	+	7,390,673	67
Customer deposits	+	17,296,235	96
	Total	532,503,875	45

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Attached Schedule with Total

Part 1 – Reserves that have not been deducted in calculating income for the year under Part I

Title Part 1 – Reserves that have not been deducted in computing income for th

Description	Operator (Note)	Amount	
Non deductible reserve per Schedule 13S		1,682,349	00
Assets Retirement Obligations	+	62,033	00
	Total	1,744,382	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

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SCHEDULE 50

SHAREHOLDER INFORMATION

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

All private corporations must complete this schedule for any shareholder who holds 10% or more of the corporation's common and/or preferred shares.

	Name of shareholder (after name, indicate in brackets if the shareholder is a corporation, partnership, individual, or trust)	Provide only one number per shareholder: Business Number (If a corporation is not registered, enter "NR")	Social insurance number	Trust number	Percentage common shares	Percentage preferred shares
	100	200	300	350	400	500
1	Hydro Ottawa Holding Inc. (Corporation)	89411 0816 RC0001			100.000	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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Schedule 53

General Rate Income Pool (GRIP) Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

On: 2016-12-31

- If you are a Canadian-controlled private corporation (CCPC) or a deposit insurance corporation (DIC), use this schedule to determine the general rate income pool (GRIP).
- All legislative references are to the Income Tax Act and the Income Tax Regulations.
- When an eligible dividend was paid in the tax year, file a completed copy of this schedule with your T2 Corporation Income Tax Return. Do not send your worksheets with your return, but keep them in your records in case we ask to see them later.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool, and low rate income pool.

Eligibility for the various additions

Answer the following questions to determine the corporation's eligibility for the various additions:

2006 addition

1. Is this the corporation's first taxation year that includes January 1, 2006? ☐ Yes ☒ No
2. If not, what is the date of the taxation year end of the corporation's first year that includes January 1, 2006? Enter the date and go directly to question 4 — 2006-12-31
3. During that first year, was the corporation a CCPC or would it have been a CCPC if not for the election of subsection 89(11) ITA? ☒ Yes ☐ No
   If the answer to question 3 is yes, complete Part "GRIP addition for 2006".

Change in the type of corporation

4. Was the corporation a CCPC during its preceding taxation year? ☒ Yes ☐ No
5. Corporations that become a CCPC or a DIC ☐ Yes ☒ No
   If the answer to question 5 is yes, complete Part 4.

Amalgamation (first year of filing after amalgamation)

6. Corporations that were formed as a result of an amalgamation ☐ Yes ☒ No
   If the answer to question 6 is yes, answer questions 7 and 8. If the answer is no, go to question 9.
7. Was one or more of the predecessor corporations neither a CCPC nor a DIC? ☐ Yes ☐ No
   If the answer to question 7 is yes, complete Part 4.
8. Was one or more of the predecessor corporation a CCPC or a DIC during the taxation year that ended immediately before amalgamation? ☐ Yes ☐ No
   If the answer to question 8 is yes, complete Part 3.

Winding-up

9. Has the corporation wound-up a subsidiary in the preceding taxation year? ☐ Yes ☒ No
   If the answer to question 9 is yes, answer questions 10 and 11. If the answer is no, go to Part 1.
10. Was the subsidiary neither a CCPC nor a DIC during its last taxation year? ☐ Yes ☐ No
    If the answer to question 10 is yes, complete Part 4.
11. Was the subsidiary a CCPC or a DIC during its last taxation year? ☐ Yes ☐ No
    If the answer to question 11 is yes, complete Part 3.

Part 1 – General rate income pool (GRIP)

GRIP at the end of the previous tax year . . . . **100** 193,384,667 A

Taxable income for the year (DICs enter "0") * . . . . **110** 17,477,603 B

Income for the credit union deduction * (amount E in Part 3 of Schedule 17) . . . . **120** ________

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less * . . . . **130** ________

For a CCPC, the lesser of aggregate investment income (line 440 of the T2 return) and taxable income * . . . . . **140** ________

Subtotal (add lines 120, 130, and 140) ________ ▶ ________ C

Income taxable at the general corporate rate (amount B minus amount C) (if negative enter "0") **150** 17,477,603

After-tax income (line 150 multiplied by 0.72 (the general rate factor for the tax year)) . . . . **190** 12,583,874 D

Eligible dividends received in the tax year . . . . **200** ________

Dividends deductible under section 113 received in the tax year . . . . . . **210** ________

Subtotal (line 200 plus line 210) ________ ▶ ________ E

Becoming a CCPC (amount W5 in Part 4) . . . . [redacted] ________

Post-amalgamation (total of amounts E4 in Part 3 and amounts W5 in Part 4) . . . . . ________

Post-wind-up (total of amounts E4 in Part 3 and amounts W5 in Part 4) . . . . . . **240** ________

Subtotal (add lines 220, 230, and 240) **290** ________ ▶ ________ F

Subtotal (add amounts A, D, E, and F) 205,968,541 G

Eligible dividends paid in the previous tax year . . . . [redacted] ________

Excessive eligible dividend designations made in the previous tax year . . . . . -

(If becoming a CCPC (subsection 89(4) applies), enter "0" on lines 300 and 310.)

Subtotal (line 300 minus line 310) ________ ▶ ________ H

GRIP before adjustment for specified future tax consequences (amount G minus amount H) (amount can be negative) **490** 205,968,541

Total GRIP adjustment for specified future tax consequences to previous tax years (amount N3 in Part 2) . . . . **560** ________

GRIP at the end of the tax year (line 490 minus line 560) **590** 205,968,541
Enter this amount on line 160 of Schedule 55.

* For lines 110, 120, 130, and 140, the income amount is the amount before considering specified future tax consequences. This phrase is defined in subsection 248(1). It includes the deduction of a loss carryback from subsequent tax years, a reduction of Canadian exploration expenses and Canadian development expenses that were renounced in subsequent tax years (e.g., flow-through share renunciations), reversals of income inclusions where an option is exercised in subsequent tax years, and the effect of certain foreign tax credit adjustments.

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years

Complete this part if the corporation's taxable income of any of the previous three tax years took into account the specified future tax consequences defined in subsection 248(1) from the current tax year. Otherwise, enter "0" on line 560.

First previous tax year 2015-12-31

Taxable income before specified future tax consequences from the current tax year 1,715,538 A1

Enter the following amounts before specified future tax consequences from the current tax year:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . ________ B1

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ________ C1

Aggregate investment income (line 440 of the T2 return) . . . . ________ D1

Subtotal (add amounts B1, C1, and D1) ________ ▶ ________ E1

Subtotal (amount A1 minus amount E1) (if negative, enter "0") 1,715,538 ▶ 1,715,538 F1

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	Capital loss carry-back	Restricted farm loss carry-back	Farm loss carry-back	Other	Total carrybacks

Taxable income after specified future tax consequences . . . . ____________

G1 Enter the following amounts after specified future tax consequences:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . ____________ H1

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ____________ I1

Aggregate investment income (line 440 of the T2 return) . . . . ____________ J1

Subtotal (add amounts H1, I1, and J1) ____________ ▶ ____________ K1

Subtotal (amount G1 minus amount K1) (if negative, enter "0") ____________ ▶ ____________ L1

Subtotal (amount F1 minus amount L1) (if negative, enter "0") ____________ M1

GRIP adjustment for specified future tax consequences to the first previous tax year (amount M1 multiplied by 0.72) . . . . 500 ____________

Second previous tax year 2014-12-31

Taxable income before specified future tax consequences from the current tax year 1,027,371 A2

Enter the following amounts before specified future tax consequences from the current tax year:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . ____________ B2

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ____________ C2

Aggregate investment income (line 440 of the T2 return) . . . . ____________ D2

Subtotal (add amounts B2, C2, and D2) ____________ ▶ ____________ E2

Subtotal (amount A2 minus amount E2) (if negative, enter "0") 1,027,371 ▶ 1,027,371 F2

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	Capital loss carry-back	Restricted farm loss carry-back	Farm loss carry-back	Other	Total carrybacks

Taxable income after specified future tax consequences . . . . ____________

G2 Enter the following amounts after specified future tax consequences:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . ____________ H2

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ____________ I2

Aggregate investment income (line 440 of the T2 return) . . . . ____________ J2

Subtotal (add amounts H2, I2, and J2) ____________ ▶ ____________ K2

Subtotal (amount G2 minus amount K2) (if negative, enter "0") ____________ ▶ ____________ L2

Subtotal (amount F2 minus amount L2) (if negative, enter "0") ____________ M2

GRIP adjustment for specified future tax consequences to the second previous tax year (amount M2 multiplied by 0.72) . . . . 520 ____________

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Third previous tax year 2013-12-31

Taxable income before specified future tax consequences from the current tax year 26,428,300 A3

Enter the following amounts before specified future tax consequences from the current tax year:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . ______ B3

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ C3

Aggregate investment income (line 440 of the T2 return) . . . . ______ D3

Subtotal (add amounts B3, C3, and D3) ______ ► ______ E3

Subtotal (amount A3 minus amount E3) (if negative, enter "0") 26,428,300 ► 26,428,300 F3

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	Capital loss carry-back	Restricted farm loss carry-back	Farm loss carry-back	Other	Total carrybacks

Taxable income after specified future tax consequences . . . . ______

G3 Enter the following amounts after specified future tax consequences:

Income for the credit union deduction (amount E in Part 3 of Schedule 17) . . . ______

H3 Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ I3

Aggregate investment income (line 440 of the T2 return) . . . . ______ J3

Subtotal (add amounts H3, I3, and J3) ______ ► ______ K3

Subtotal (amount G3 minus amount K3) (if negative, enter "0") ______ ► ______ L3

Subtotal (amount F3 minus amount L3) (if negative, enter "0") ______ M3

GRIP adjustment for specified future tax consequences to the third previous tax year (amount M3 multiplied by 0.72) . . . . 540 ______

Total GRIP adjustment for specified future tax consequences to previous tax years: (add lines 500, 520, and 540) (if negative, enter "0") . . . . ______ N3

Enter amount N3 on line 560 in part 1.

Part 3 – Worksheet to calculate the GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year)

nb. 1 Postamalgamation . . . ☐ Post wind-up . . . . . . ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary corporation was a CCPC or a DIC in its last tax year. In the calculation below, corporation means a predecessor or a subsidiary. The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

For a post-wind-up, include the GRIP addition in calculating the parent's GRIP at the end of its tax year that immediately follows the tax year during which it receives the assets of the subsidiary.

Complete a separate worksheet for each predecessor and each subsidiary that was a CCPC or a DIC in its last tax year. Keep a copy of this calculation for your records, in case we ask to see it later.

Corporation's GRIP at the end of its last tax year . . . . ______

A4 Eligible dividends paid by the corporation in its last tax year . . . . ______ B4

Excessive eligible dividend designations made by the corporation in its last tax year . . . . ______ C4

Subtotal (amount B4 minus amount C4) ______ ► ______ D4

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year) (amount A4 minus amount D4) . . . . ______ E4

After you complete this calculation for each predecessor and each subsidiary, calculate the total of all the E4 amounts. Enter this total amount on:

- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

Part 4 – Worksheet to calculate the GRIP addition post-amalgamation, post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC

nb. 1 Corporation becoming a CCPC . . . . . . ☐ Postamalgamation . . . . ☐ Post wind-up . . . . ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary was not a CCPC or a DIC in its last tax year. Also, use this part for a corporation becoming a CCPC. In the calculation below, corporation means a corporation becoming a CCPC, a predecessor, or a subsidiary.

For a post-wind-up, include the GRIP addition in calculating the parent's GRIP at the end of its tax year that immediately follows the tax year during which it receives the assets of the subsidiary.

Complete a separate worksheet for each predecessor and each subsidiary that was not a CCPC or a DIC in its last tax year. Keep a copy of this calculation for your records, in case we ask to see it later.

Cost amount to the corporation of all property immediately before the end of its previous/last tax year . . . . ______ A5

The corporation's money on hand immediately before the end of its previous/last tax year . . . . ______ B5

Total of subsection 111(1) losses that would have been deductible in calculating the corporation's taxable income for the previous/last tax year if the corporation had had unlimited income from each business carried on and each property held and had realized an unlimited amount of capital gains for the previous/last tax year:

Non-capital losses . . . . ______ C5
Net capital losses . . . . ______ D5
Farm losses . . . . ______ E5
Restricted farm losses . . . . ______ F5
Limited partnership losses . . . . ______ G5

Subtotal (add amounts C5 to G5) ______ ► ______ H5

Total of all amounts deducted under subsection 111(1) in calculating the corporation's taxable income for the previous/last tax year:

Non-capital losses . . . . ______ I5
Net capital losses . . . . ______ J5
Farm losses . . . . ______ K5
Restricted farm losses . . . . ______ L5
Limited partnership losses . . . . ______ M5

Subtotal (add amounts I5 to M5) ______ ► ______ N5

Unused and unexpired losses at the end of the corporation's previous/last tax year (amount H5 minus amount N5) ______ ► ______ O5

Subtotal (add amounts A5, B5, and O5) ______ P5

All the corporation's debts and other obligations to pay that were outstanding immediately before the end of its previous/last tax year . . . . ______ Q5

Paid-up capital of all the corporation's issued and outstanding shares of capital stock immediately before the end of its previous/last tax year . . . . ______ R5

All the corporation's reserves deducted in its previous/last tax year . . . . ______ S5

The corporation's capital dividend account immediately before the end of its previous/last tax year . . . . ______ T5

The corporation's low rate income pool immediately before the end of its previous/last tax year . . . . ______ U5

Subtotal (add amounts Q5 to U5) ______ ► ______ V5

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC (amount P5 minus amount V5) (if negative, enter "0") . . . . ______ W5

After you complete this worksheet for each predecessor and each subsidiary, calculate the total of all the W5 amounts. Enter this total amount on:

- line 220 for a corporation becoming a CCPC;
- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

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Schedule 55

Part III.1 Tax on Excessive Eligible Dividend Designations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

Do not use this area

- Every corporation resident in Canada that pays a taxable dividend (other than a capital gains dividend within the meaning assigned by subsection 130.1(4) or 131(1)) in the tax year must file this schedule.
- Canadian-controlled private corporations (CCPC) and deposit insurance corporations (DIC) must complete Part 1 of this schedule. All other corporations must complete Part 2.
- Every corporation that has paid an eligible dividend must also file Schedule 53, General Rate Income Pool (GRIP) Calculation, or Schedule 54, Low Rate Income Pool (LRIP) Calculation, whichever is applicable.
- File the completed schedules with your T2 Corporation Income Tax Return no later than six months from the end of the tax year.
- All legislative references are to the Income Tax Act and the Income Tax Regulations.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool (GRIP), and low rate income pool (LRIP).
- The calculations in Part 1 and Part 2 do not apply if the excessive eligible dividend designation arises from the application of paragraph (c) of the definition of excessive eligible dividend designation in subsection 89(1). This paragraph applies when an eligible dividend is paid to artificially maintain or increase the GRIP or to artificially maintain or decrease the LRIP.

Part 1 – Canadian-controlled private corporations and deposit insurance corporations

	Line	Amount		
Taxable dividends paid in the tax year not included in Schedule 3				
Taxable dividends paid in the tax year included in Schedule 3		17,500,000		
Total taxable dividends paid in the tax year	100	17,500,000		
Total eligible dividends paid in the tax year	150			A
GRIP at the end of the tax year (line 590 on Schedule 53) (if negative, enter "0")	160		205,968,541	B
Excessive eligible dividend designation (line 150 minus line 160)				C
Deduct:				
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *	180			D
Subtotal (amount C minus amount D)				E
Part III.1 tax on excessive eligible dividend designations – CCPC or DIC (amount E multiplied by 20 %)	190			F

Enter the amount from line 190 on line 710 of the T2 return.

Part 2 – Other corporations

	Line	Amount		
Taxable dividends paid in the tax year not included in Schedule 3				
Taxable dividends paid in the tax year included in Schedule 3				
Total taxable dividends paid in the tax year	200			
Total excessive eligible dividend designations in the tax year (amount from line A of Schedule 54)				G
Deduct:				
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *	280			H
Subtotal (amount G minus amount H)				I
Part III.1 tax on excessive eligible dividend designations – Other corporations (amount I multiplied by 20 %)	290			J

Enter the amount from line 290 on line 710 of the T2 return.

* You can elect to treat all or part of your excessive eligible dividend designation as a separate taxable dividend in order to eliminate or reduce the Part III.1 tax otherwise payable. You must file the election on or before the day that is 90 days after the day the notice of assessment for Part III.1 tax was sent. We will accept an election before the assessment of the tax. For more information on how to make this election, go to www.cra.gc.ca/eligibledividends.

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Schedule 500

Ontario Corporation Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Use this schedule if the corporation had a permanent establishment (as defined in section 400 of the federal Income Tax Regulations) in Ontario at any time in the tax year and had Ontario taxable income in the year.
- All legislative references are to the federal Income Tax Act and Income Tax Regulations.
- This schedule is a worksheet only. You do not have to file it with your T2 Corporation Income Tax Return.

Part 1 – Ontario basic rate of tax for the year

Ontario basic rate of tax for the year . . . . . . 11.5 % A

Part 2 – Calculation of Ontario basic income tax

Ontario taxable income * . . . . . . 17,477,603 B

Ontario basic income tax: amount B multiplied by Ontario basic rate of tax for the year (rate A from Part 1) . . . . . . 2,009,924 C

If the corporation has a permanent establishment in more than one jurisdiction, or is claiming an Ontario tax credit in addition to Ontario basic income tax, or has Ontario corporate minimum tax or Ontario special additional tax on life insurance corporations payable, enter amount C on line 270 of Schedule 5, Tax Calculation Supplementary – Corporations. Otherwise, enter it on line 760 of the T2 return.

* If the corporation has a permanent establishment only in Ontario, enter the amount from line 360 or line Z, whichever applies, of the T2 return. Otherwise, enter the taxable income allocated to Ontario from column F in Part 1 of Schedule 5.

Part 3 – Ontario small business deduction (OSBD)

Complete this part if the corporation claimed the federal small business deduction under subsection 125(1) or would have claimed it if subsection 125(5.1) had not been applicable in the tax year.

Income from active business carried on in Canada (amount from line 400 of the T2 return) 17,563,533 1

Federal taxable income, less adjustment for foreign tax credit (amount from line 405 of the T2 return) 17,477,603 2

Federal business limit before the application of subsection 125(5.1) (amount from line 410 of the T2 return) 500,000 3

Ontario business limit reduction:

Amount from line 3 . . . . . 500,000 a

Deduct:

Amount from line E of the T2 return 89,036,622 x Number of days in the tax year after May 1, 2014 366 / Number of days in the tax year 366 = 89,036,622 b

Reduced Ontario business limit (amount a minus amount b) (if negative, enter "0") ____ c

Business limit the CCPC assigns under subsection 125(3.2) ITA ____ d

Amount c minus amount d ____ ▶ ____ 4

Enter the least of amounts 1, 2, 3, and 4 . . . . . ____ D

Ontario domestic factor (ODF): Ontario taxable income * / Taxable income earned in all provinces and territories ** 17,477,603.00 / 17,477,603 = ... 1.00000 E

Amount D × ODF (line E) ____ e

Ontario taxable income (amount B from Part 2) 17,477,603 f

Reduced Ontario business limit (lesser of amount e and amount f) (if negative, enter "0") . . . . . ____ F

OSBD rate for the year . . . . . 7 % G

Ontario small business deduction: amount F multiplied by rate G . . . . . ____ H

Enter amount H on line 402 of Schedule 5.

* Enter amount B from Part 2.

** Includes the offshore jurisdictions for Nova Scotia and Newfoundland and Labrador.

Part 4 – Ontario adjusted small business income

Complete this part if the corporation was a Canadian-controlled private corporation throughout the tax year and is claiming the Ontario tax credit for manufacturing and processing or the Ontario credit union tax reduction.

Ontario adjusted small business income (lesser of amount D and amount f from Part 3) . . . . . ____ I

Enter amount I on line K in Part 5 of this schedule or on line B in Part 2 of Schedule 502, Ontario Tax Credit for Manufacturing and Processing, whicheverapplies.

Part 5 – Calculation of credit union tax reduction

Complete this part and Schedule 17, Credit Union Deductions, if the corporation was a credit union throughout the tax year.

Amount D from Part 3 of Schedule 17 . . . . ______ J

Deduct:
Ontario adjusted small business income (amount I from Part 4) . . . . ______ K

Subtotal (amount J minus amount K) (if negative, enter "0") . . . . ______ L

Amount L multiplied by rate G from Part 3 . . . . ______ M

Ontario domestic factor (line E from Part 3) . . . . 1.00000 N

Ontario credit union tax reduction (amount M multiplied by ODF from line N) . . . . ______ O

Enter amount O on line 410 of Schedule 5.

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Schedule 510

Ontario Corporate Minimum Tax

Corporation'sname	Business number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- File this schedule if the corporation is subject to Ontario corporate minimum tax (CMT). CMT is levied under section 55 of the Taxation Act, 2007 (Ontario), referred to as the "Ontario Act".
- Complete Part 1 to determine if the corporation is subject to CMT for the tax year.
- A corporation not subject to CMT in the tax year is still required to file this schedule if it is deducting a CMT credit, has a CMT credit carryforward, or has a CMT loss carryforward or a current year CMT loss.
- A corporation that has Ontario special additional tax on life insurance corporations (SAT) payable in the tax year must complete Part 4 of this schedule even if it is not subject to CMT for the tax year.
- A corporation is exempt from CMT if, throughout the tax year, it was one of the following:
  1) a corporation exempt from income tax under section 149 of the federal Income Tax Act;
  2) a mortgage investment corporation under subsection 130.1(6) of the federal Act;
  3) a deposit insurance corporation under subsection 137.1(5) of the federal Act;
  4) a congregation or business agency to which section 143 of the federal Act applies;
  5) an investment corporation as referred to in subsection 130(3) of the federal Act; or
  6) a mutual fund corporation under subsection 131(8) of the federal Act.
- File this schedule with the T2 Corporation Income Tax Return.

Part 1 – Determination of CMT applicability

Total assets of the corporation at the end of the tax year *	112	1,154,901,000	
Share of total assets from partnership(s) and joint venture(s) *	114		1,000,000,000
Total assets of associated corporations (amount from line 450 on Schedule 511)	116		1,391,893,158
Total assets (total of lines 112 to 116)		3,546,794,158	
Total revenue of the corporation for the tax year **	142	1,176,520,000	
Share of total revenue from partnership(s) and joint venture(s) **	144		1,000,000,000
Total revenue of associated corporations (amount from line 550 on Schedule 511)	146	76,336,757	
Total revenue (total of lines 142 to 146)		2,252,856,757	

The corporation is subject to CMT if:
- for tax years ending before July 1, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are more than $5,000,000, or the total revenue for the year of the corporation or the associated group of corporations is more than $10,000,000.
- for tax years ending after June 30, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are equal to or more than $50,000,000, and the total revenue for the year of the corporation or the associated group of corporations is equal to or more than $100,000,000.

If the corporation is not subject to CMT, do not complete the remaining parts unless the corporation is deducting a CMT credit, or has a CMT credit carryforward, a CMT loss carryforward, a current year CMT loss, or SAT payable in the year.

* Rules for total assets
- Report total assets according to generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Do not include unrealized gains and losses on assets and foreign currency gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.
- The amount on line 114 is determined at the end of the last fiscal period of the partnership or joint venture that ends in the tax year of the corporation. Add the proportionate share of the assets of the partnership(s) and joint venture(s), and deduct the recorded asset(s) for the investment in partnerships and joint ventures.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

** Rules for total revenue
- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the tax year is less than 51 weeks, multiply the total revenue of the corporation or the partnership, whichever applies, by 365 and divide by the number of days in the tax year.
- The amount on line 144 is determined for the partnership or joint venture fiscal period that ends in the tax year of the corporation. If the partnership or joint venture has 2 or more fiscal periods ending in the filing corporation's tax year, multiply the sum of the total revenue for each of the fiscal periods by 365 and divide by the total number of days in all the fiscal periods.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

Part 2 – Adjusted net income/loss for CMT purposes

Net income/loss per financial statements *			210	34,345,000
Add (to the extent reflected in income/loss):				
Provision for current income taxes/cost of current income taxes	220	3,648,000		
Provision for deferred income taxes (debits)/cost of future income taxes	222			
Equity losses from corporations	224			
Financial statement loss from partnerships and joint ventures	226			
Dividends deducted on financial statements (subsection 57(2) of the Ontario Act), excluding dividends paid by credit unions under subsection 137(4.1) of the federal Act	230			
Other additions (see note below):				
Share of adjusted net income of partnerships and joint ventures **	228			
Total patronage dividends received, not already included in net income/loss	232			
281	282			
283	284			
Subtotal		3,648,000		3,648,000 A
Deduct (to the extent reflected in income/loss):				
Provision for recovery of current income taxes/benefit of current income taxes	320			
Provision for deferred income taxes (credits)/benefit of future income taxes	322			
Equity income from corporations	324			
Financial statement income from partnerships and joint ventures	326			
	330			
Dividends deductible under section 112, section 113, or subsection 138(6) of the federal Act	332			
Dividends not taxable under section 83 of the federal Act (from Schedule 3)	340			
Gain on donation of listed security or ecological gift				
Accounting gain on transfer of property to a corporation under section 85 or 85.1 of the federal Act ***	342			
Accounting gain on transfer of property to/from a partnership under section 85 or 97 of the federal Act ****	344			
Accounting gain on disposition of property under subsection 13(4), subsection 14(6), or section 44 of the federal Act *****	346			
Accounting gain on a windup under subsection 88(1) of the federal Act or an amalgamation under section 87 of the federal Act	348			
Other deductions (see note below):				
Share of adjusted net loss of partnerships and joint ventures **	328			
	334			
Tax payable on dividends under subsection 191.1(1) of the federal Act multiplied by 3	336			
Interest deducted/deductible under paragraph 20(1)(c) or (d) of the federal Act, not already included in net income/loss	338			
Patronage dividends paid (from Schedule 16) not already included in net income/loss				
381	382			
383	384			
385	386			
387	388			
389	390			
Subtotal				B
Adjusted net income/loss for CMT purposes (line 210 plus amount A minus amount B)			490	37,993,000

If the amount on line 490 is positive and the corporation is subject to CMT as determined in Part 1, enter the amount on line 515 in Part 3.

If the amount on line 490 is negative, enter the amount on line 760 in Part 7 (enter as a positive amount).

Note

In accordance with Ontario Regulation 37/09, when calculating net income for CMT purposes, accounting income should be adjusted to:

- exclude unrealized gains and losses due to mark-to-market changes or foreign currency changes on specified mark-to-market property (assets only);
- include realized gains and losses on the disposition of specified mark-to-market property not already included in the accounting income, if the property is not a capital property or is a capital property disposed in the year or in a previous tax year ended after March 22, 2007.

"Specified mark-to-market property" is defined in subsection 54(1) of the Ontario Act.

These rules also apply to partnerships. A corporate partner's share of a partnership's adjusted income flows through on a proportionate basis to the corporate partner.

* Rules for net income/loss

– Banks must report net income/loss as per the report accepted by the Superintendent of Financial Institutions under the federal Bank Act, adjusted so consolidation and equity methods are not used.

Part 2 – Calculation of adjusted net income/loss for CMT purposes (continued)

– Life insurance corporations must report net income/loss as per the report accepted by the federal Superintendent of Financial Institutions or equivalent provincial insurance regulator, before SAT and adjusted so consolidation and equity methods are not used. If the life insurance corporation is resident in Canada and carries on business in and outside of Canada, multiply the net income/loss by the ratio of the Canadian reserve liabilities divided by the total reserve liability. The reserve liabilities are calculated in accordance with Regulation 2405(3) of the federal Act.

– Other corporations must report net income/loss in accordance with generally accepted accounting principles, except that consolidation and equity methods must not be used. When the equity method has been used for accounting purposes, equity losses and equity income are removed from book income/loss on lines 224 and 324 respectively.

– Corporations, other than insurance corporations, should report net income from line 9999 of the GIFI (Schedule 125) on line 210.

** The share of the adjusted net income of a partnership or joint venture is calculated as if the partnership or joint venture were a corporation and the tax year of the partnership or joint venture were its fiscal period. For a corporation with an indirect interest in a partnership through one or more partnerships, determine the corporation's share according to clause 54(5)(c) of the Ontario Act.

*** A joint election will be considered made under subsection 60(1) of the Ontario Act if there is an entry on line 342, and an election has been made for transfer of property to a corporation under subsection 85(1) of the federal Act.

**** A joint election will be considered made under subsection 60(2) of the Ontario Act if there is an entry on line 344, and an election has been made under subsection 85(2) or 97(2) of the federal Act.

***** A joint election will be considered made under subsection 61(1) of the Ontario Act if there is an entry on line 346, and an election has been made under subsection 13(4) or 14(6) and/or section 44 of the federal Act.

For more information on how to complete this part, see the T2 Corporation – Income Tax Guide.

Part 3 – CMT payable

Adjusted net income for CMT purposes (line 490 in Part 2, if positive)		515	37,993,000
Deduct:			
CMT loss available (amount R from Part 7)			
Minus: Adjustment for an acquisition of control *	518		
Adjusted CMT loss available		▶	C
Net income subject to CMT calculation (if negative, enter "0")		520	37,993,000

Amount from line 520 37,993,000 x Number of days in the tax year before July 1, 2010 / Number of days in the tax year 366 x 4 % = ______ 1

Amount from line 520 37,993,000 x Number of days in the tax year after June 30, 2010 366 / Number of days in the tax year 366 x 2.7 % = 1,025,811 2

Subtotal (amount 1 plus amount 2) 1,025,811 3

Gross CMT: amount on line 3 above x OAF **	540	1,025,811
Deduct:		
Foreign tax credit for CMT purposes ***	550	
CMT after foreign tax credit deduction (line 540 minus line 550) (if negative, enter "0")		1,025,811 D
Deduct:		
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		2,009,924
Net CMT payable (if negative, enter "0")		E

Enter amount E on line 278 of Schedule 5, Tax Calculation Supplementary – Corporations, and complete Part 4.

* Enter the portion of CMT loss available that exceeds the adjusted net income for the tax year from carrying on a business before the acquisition of control. See subsection 58(3) of the Ontario Act.

*** Enter "0" on line 550 for life insurance corporations as they are not eligible for this deduction. For all other corporations, enter the cumulative total of amount J for the province of Ontario from Part 9 of Schedule 21 on line 550.

** Calculation of the Ontario allocation factor (OAF):

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "Ontario," enter "1" on line F.

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "multiple," complete the following calculation, and enter the result on line F:

Ontario taxable income **** / Taxable income ***** ______ = ______

Ontario allocation factor 1.00000 F

**** Enter the amount allocated to Ontario from column F in Part 1 of Schedule 5. If the taxable income is nil, calculate the amount in column F as if the taxableincomewere$1,000.

*****Enter the taxable income amount from line 360 or amount Z of the T2 return, whichever applies. If the taxable income is nil, enter "1,000".

Part 4 – Calculation of CMT credit carryforward

CMT credit carryforward at the end of the previous tax year *		1,454,199 G		
Deduct:				
CMT credit expired *	600			
CMT credit carryforward at the beginning of the current tax year * (see note below)		1,454,199 ▶	620	1,454,199
Add:				
CMT credit carryforward balances transferred on an amalgamation or the windup of a subsidiary (see note below)			650	
CMT credit available for the tax year (amount on line 620 plus amount on line 650)				1,454,199 H
Deduct:				
CMT credit deducted in the current tax year (amount P from Part 5)				984,113 I
Subtotal (amount H minus amount I)				470,086 J
Add:				
Net CMT payable (amount E from Part 3)				
SAT payable (amount O from Part 6 of Schedule 512)				
Subtotal		▶		K
CMT credit carryforward at the end of the tax year (amount J plus amount K)			670	470,086 L

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line G or line 600;
- for line 620, enter the amount from line 2336 of Ontario CT23 Schedule 101, Corporate Minimum Tax (CMT), for the last tax year that ended in 2008.

For other tax years, enter on line G the amount from line 670 of Schedule 510 from the previous tax year.

Note: If you entered an amount on line 620 or line 650, complete Part 6.

Part 5 – Calculation of CMT credit deducted from Ontario corporate income tax payable

CMT credit available for the tax year (amount H from Part 4)			1,454,199 M
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		2,009,924 1	
For a corporation that is not a life insurance corporation:			
CMT after foreign tax credit deduction (amount D from Part 3)	1,025,811 2		
For a life insurance corporation:			
Gross CMT (line 540 from Part 3)	3		
Gross SAT (line 460 from Part 6 of Schedule 512)	4		
The greater of amounts 3 and 4	5		
Deduct: line 2 or line 5, whichever applies:		1,025,811 6	
Subtotal (if negative, enter "0")		984,113 ▶	984,113 N
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		2,009,924	
Deduct:			
Total refundable tax credits excluding Ontario qualifying environmental trust tax credit (amount J6 minus line 450 from Schedule 5)		173,331	
Subtotal (if negative, enter "0")		1,836,593 ▶	1,836,593 O
CMT credit deducted in the current tax year (least of amounts M, N, and O)			984,113 P

Enter amount P on line 418 of Schedule 5 and on line I in Part 4 of this schedule.

Is the corporation claiming a CMT credit earned before an acquisition of control? 675 1 Yes ☐ 2 No ☒

If you answered yes to the question at line 675, the CMT credit deducted in the current tax year may be restricted. For information on how the deduction may be restricted, see subsections 53(6) and (7) of the Ontario Act.

Part 6 – Analysis of CMT credit available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	CMT credit balance *
10th previous tax year	680
9th previous tax year	681
8th previous tax year	682
7th previous tax year	683
6th previous tax year	684
5th previous tax year	685
4th previous tax year	686
3rd previous tax year	687
2nd previous tax year	688
1st previous tax year	689
Total **	

* CMT credit that was earned (by the corporation, predecessors of the corporation, and subsidiaries wound up into the corporation) in each of the previous 10 tax years and has not been deducted.

** Must equal the total of the amounts entered on lines 620 and 650 in Part 4.

Part 7 – Calculation of CMT loss carryforward

CMT loss carryforward at the end of the previous tax year * . . . . ____ Q

Deduct:

CMT loss expired * . . . . 700 ____

CMT loss carryforward at the beginning of the tax year * (see note below) . . . . ____ ▶ 720 ____

Add:

CMT loss transferred on an amalgamation under section 87 of the federal Act ** (see note below) . . . . 750 ____

CMT loss available (line 720 plus line 750) . . . . ____ R

Deduct:

CMT loss deducted against adjusted net income for the tax year (lesser of line 490 (if positive) and line C in Part 3) . . . . ____

Subtotal (if negative, enter "0") ____ S

Add:

Adjusted net loss for CMT purposes (amount from line 490 in Part 2, if negative) (enter as a positive amount) . . . . 760 ____

CMT loss carryforward balance at the end of the tax year (amount S plus line 760) . . . . 770 ____ T

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line Q or line 700;
- for line 720, enter the amount from line 2214 of Ontario CT23 Schedule 101, Corporate Minimum Tax (CMT), for the last tax year that ended in 2008.

For other tax years, enter on line Q the amount from line 770 of Schedule 510 from the previous tax year.

** Do not include an amount from a predecessor corporation if it was controlled at any time before the amalgamation by any of the other predecessor corporations.

Note: If you entered an amount on line 720 or line 750, complete Part 8.

Part 8 – Analysis of CMT loss available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	Balance earned in a tax year ending before March 23, 2007 *	Balance earned in a tax year ending after March 22, 2007 **
10th previous tax year	810	820
9th previous tax year	811	821
8th previous tax year	812	822
7th previous tax year	813	823
6th previous tax year	814	824
5th previous tax year	815	825
4th previous tax year	816	826
3rd previous tax year	817	827
2nd previous tax year	818	828
1st previous tax year		829
Total ***		

* Adjusted net loss for CMT purposes that was earned (by the corporation, by subsidiaries wound up into or amalgamated with the corporation before March 22, 2007, and by other predecessors of the corporation) in each of the previous 10 tax years that ended before March 23, 2007, and has not been deducted.

** Adjusted net loss for CMT purposes that was earned (by the corporation and its predecessors, but not by a subsidiary predecessor) in each of the previous 20 tax years that ended after March 22, 2007, and has not been deducted.

*** The total of these two columns must equal the total of the amounts entered on lines 720 and 750.

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SCHEDULE 511

ONTARIO CORPORATE MINIMUM TAX – TOTAL ASSETS AND REVENUE FOR ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- For use by corporations to report the total assets and total revenue of all the Canadian or foreign corporations with which the filing corporation was associated at any time during the tax year. These amounts are required to determine if the filing corporation is subject to corporate minimum tax.
- Total assets and total revenue include the associated corporation's share of any partnership(s)/joint venture(s) total assets and total revenue.
- Attach additional schedules if more space is required.
- File this schedule with the T2 Corporation Income Tax Return.

	Names of associated corporations 200	Business number (Canadiancorporationonly) (see Note 1) 300	Total assets* (see Note 2) 400	Totalrevenue** (see Note 2) 500
1	Hydro Ottawa Holding Inc./Societe De Portefeuille D'	89411 0816 RC0001	932,357,000	44,335,000
2	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	266,567,000	25,406,000
3	Telecom Ottawa Holding Inc. / Societe De Portefeuill	86202 9337 RC0001	17,108,781	35,725
4	PowerTrail Inc.	82829 3944 RC0001	11,676,000	3,608,000
5	Moose Creek Energy Inc.	82851 1311 RC0001	200	0
6	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	100	0
7	Chaudiere Water Power Inc/Energie Hydraulique De	10093 1955 RC0001	669,000	2,097,000
8	2425932 ONTARIO INC.	80053 3846 RC0001	104,447,901	382,241
9	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	101	0
10	EO GENERATION GP INC.	83966 8308 RC0001	303	0
11	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	55,000	0
12	SOLARTRAIL GP INC.	81087 4164 RC0001	101	0
13	EONY GENERATION HOLDING INC.	NR	0	0
14	EONY GENERATION LIMITED	NR	0	0
15	9927891 CANADA INC.	74962 8699 RC0001	55,490,743	0
16	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	342,334	302,786
17	ENERGY OTTAWA CABLE TESTING SERVICES INC.	74276 6892 RC0001	3,178,593	170,005
18	HULL ENERGY GP INC.	74882 0321 RC0001	1	0
		Total	450 1,391,893,158	550 76,336,757

Enter the total assets from line 450 on line 116 in Part 1 of Schedule 510, Ontario Corporate Minimum Tax.
Enter the total revenue from line 550 on line 146 in Part 1 of Schedule 510.

Note 1: Enter "NR" if a corporation is not registered.

Note 2: If the associated corporation does not have a tax year that ends in the filing corporation's current tax year but was associated with the filing corporation in the previous tax year of the filing corporation, enter the total revenue and total assets from the tax year of the associated corporation that ends in the previous tax year of the filing corporation.

* Rules for total assets

- Report total assets in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Include the associated corporation's share of the total assets of partnership(s) and joint venture(s) but exclude the recorded asset(s) for the investment in partnerships and joint ventures.
- Exclude unrealized gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

** Rules for total revenue

- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the associated corporation has 2 or more tax years ending in the filing corporation's tax year, multiply the sum of the total revenue for each of those tax years by 365 and divide by the total number of days in all of those tax years.
- If the associated corporation's tax year is less than 51 weeks and is the only tax year of the associated corporation that ends in the filing corporation's tax year, multiply the associated corporation's total revenue by 365 and divide by the number of days in the associated corporation's tax year.
- Include the associated corporation's share of the total revenue of partnerships and joint ventures.
- If the partnership or joint venture has 2 or more fiscal periods ending in the associated corporation's tax year, multiply the sum of the total revenue for each of the fiscal periods by 365 and divide by the total number of days in all the fiscal periods.

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SCHEDULE 546

CORPORATIONS INFORMATION ACT ANNUAL RETURN FOR ONTARIO CORPORATIONS

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- This schedule should be completed by a corporation that is incorporated, continued, or amalgamated in Ontario and subject to the Ontario Business Corporations Act (BCA) or Ontario Corporations Act (CA), except for registered charities under the federal Income Tax Act. This completed schedule serves as a Corporations Information Act Annual Return under the Ontario Corporations Information Act.
- Complete parts 1 to 4. Complete parts 5 to 7 only to report change(s) in the information recorded on the Ontario Ministry of Government Services (MGS) public record.
- This schedule must set out the required information for the corporation as of the date of delivery of this schedule.
- A completed Ontario Corporations Information Act Annual Return must be delivered within six months after the end of the corporation's tax year-end. The MGS considers this return to be delivered on the date that it is filed with the Canada Revenue Agency (CRA) together with the corporation's income tax return.
- It is the corporation's responsibility to ensure that the information shown on the MGS public record is accurate and up-to-date. To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. Visit www.ServiceOntario.ca for more information.
- This schedule contains non-tax information collected under the authority of the Ontario Corporations Information Act. This information will be sent to the MGS for the purposes of recording the information on the public record maintained by the MGS.

Part 1 – Identification

100 Corporation's name (exactly as shown on the MGS public record)
Hydro Ottawa Limited/Hydro Ottawa Limitee

Jurisdiction incorporated, continued, or amalgamated, whichever is the most recent	110 Date of incorporation or amalgamation, whichever is the most recent (Year Month Day)	120 Ontario Corporation No.
Ontario	2000-10-03	1427586

Part 2 – Head or registered office address (P.O. box not acceptable as stand-alone address)

200 Care of (if applicable)

210 Street number	220 Street name/Rural route/Lot and Concession number	230 Suite number
3025	Albion Road North	

240 Additional address information if applicable (line 220 must be completed first)
PO Box 8700

250 Municipality (e.g., city, town)	260 Province/state	270 Country	280 Postal/zip code
Ottawa	ON	CA	K1G 3S4

Part 3 – Change identifier

Have there been any changes in any of the information most recently filed for the public record maintained by the MGS for the corporation with respect to names, addresses for service, and the date elected/appointed and, if applicable, the date the election/appointment ceased of the directors and five most senior officers, or with respect to the corporation's mailing address or language of preference? To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. For more information, visit www.ServiceOntario.ca.

300 [1] If there have been no changes, enter 1 in this box and then go to "Part 4 – Certification."
If there are changes, enter 2 in this box and complete the applicable parts on the next page, and then go to "Part 4 – Certification."

Part 4 – Certification

I certify that all information given in this Corporations Information Act Annual Return is true, correct, and complete.

450 Simpson (Last name) 451 Geoff (First name)

454 ______________________, (Middlename(s))

460 [2] Please enter one of the following numbers in this box for the above-named person: 1 for director, 2 for officer, or 3 for other individual having knowledge of the affairs of the corporation. If you are a director and officer, enter 1 or 2.

Note: Sections 13 and 14 of the Ontario Corporations Information Act provide penalties for making false or misleading statements or omissions.

Complete the applicable parts to report changes in the information recorded on the MGS public record.

Part 5 – Mailing address

500 Please enter one of the following numbers in this box:

1 - Show no mailing address on the MGS public record.
2 - The corporation's mailing address is the same as the head or registered office address in Part 2 of this schedule.
3 - The corporation's complete mailing address is as follows:

510 Care of (if applicable)		
520 Street number	530 Street name/Rural route/Lot and Concession number	540 Suite number
550 Additional address information if applicable (line 530 must be completed first)		

560 Municipality (e.g., city, town)	570 Province/state	580 Country	590 Postal/zip code

Part 6 – Language of preference

600 Indicate your language of preference by entering 1 for English or 2 for French. This is the language of preference recorded on the MGS public record for communications with the corporation. It may be different from line 990 on the T2 return.

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 550

ONTARIO CO-OPERATIVE EDUCATION TAX CREDIT

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Use this schedule to claim an Ontario co-operative education tax credit (CETC) under section 88 of the Taxation Act, 2007 (Ontario).
- The CETC is a refundable tax credit that is equal to an eligible percentage (10% to 30%) of the eligible expenditures incurred by a corporation for a qualifying work placement. The maximum credit amount is $1,000 for each qualifying work placement ending before March 27, 2009, and $3,000 for each qualifying work placement beginning after March 26, 2009. For a qualifying work placement that straddles March 26, 2009, the maximum credit amount is prorated.
- Eligible expenditures are salaries and wages (including taxable benefits) paid or payable to a student in a qualifying work placement, or fees paid or payable to an employment agency for services performed by the student in a qualifying work placement. These expenditures must be paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario. Expenditures for a work placement (WP) are not eligible expenditures if they are greater than the amounts that would be paid to an arm's length employee.
- A WP must meet all of the following conditions to be a qualifying work placement:
  - the student performs employment duties for a corporation under a qualifying co-operative education program (QCEP);
  - the WP has been developed or approved by an eligible educational institution as a suitable learning situation;
  - the terms of the WP require the student to engage in productive work;
  - the WP is for a period of at least 10 consecutive weeks or, in the case of an internship program, not less than 8 consecutive months and not more than 16 consecutive months;
  - the student is paid for the work performed in the WP;
  - the corporation is required to supervise and evaluate the job performance of the student in the WP;
  - the institution monitors the student's performance in the WP; and
  - the institution has certified the WP as a qualifying work placement.
- Make sure you keep a copy of the letter of certification from the Ontario eligible educational institution containing the name of the student, the employer, the institution, the term of the WP, and the name/discipline of the QCEP to support the claim. Do not submit the letter of certification with the T2 Corporation Income Tax Return.
- File this schedule with the T2 Corporation Income Tax Return.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number including area code
Mike Grue	(613) 738-5499

Is the claim filed for a CETC earned through a partnership?* . . . . 150 1 Yes [ ] 2 No [X]

If you answered yes to the question at line 150, what is the name of the partnership? 160

Enter the percentage of the partnership's CETC allocated to the corporation . . . . 170 %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 550 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 550 to claim the partner's share of the partnership's CETC. The allocated amounts can not exceed the amount of the partnership's CETC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . 200 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the Taxation Act, 2007 (Ontario)? . . . . 210 1 Yes [ ] 2 No [X]

If you answered no to question 1 or yes to question 2, then the corporation is not eligible for the CETC.

T2 SCH 550 E (09)

Part 3 – Eligible percentage for determining the eligible amount

Corporation's salaries and wages paid in the previous tax year * — 300 — 69,354,000

For eligible expenditures incurred before March 27, 2009:

- If line 300 is $400,000 or less, enter 15% on line 310.
- If line 300 is $600,000 or more, enter 10% on line 310.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 310 using the following formula:

$$\text{Eligible percentage} = 15\,\% - \left[5\,\% \times \left(\frac{\text{amount on line 300} \quad \text{minus} \quad \$\ 400{,}000}{\$\ 200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount — 310 — 10.000 %

For eligible expenditures incurred after March 26, 2009:

- If line 300 is $400,000 or less, enter 30% on line 312.
- If line 300 is $600,000 or more, enter 25% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Eligible percentage} = 30\,\% - \left[5\,\% \times \left(\frac{\text{amount on line 300} \quad \text{minus} \quad \$\ 400{,}000}{\$\ 200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount — 312 — 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 88(9) of the Taxation Act, 2007 (Ontario) applies, enter the salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Calculation of the Ontario co-operative education tax credit

Complete a separate entry for each student for each qualifying work placement that ended in the corporation's tax year. If a qualifying work placement would otherwise exceed four consecutive months, divide the WP into periods of four consecutive months and enter each full period of four consecutive months as a separate WP. If the WP does not divide equally into four-month periods and if the period that is less than 4 months is 10 or more consecutive weeks, then enter that period as a separate WP. If that period is less than 10 consecutive weeks, then include it with the WP for the last period of 4 consecutive months. Consecutive WPs with two or more associated corporations are deemed to be with only one corporation, as designated by the corporations.

	A Name of university, college, or other eligible educational institution 400	B Name of qualifying co-operative education program 405
1.	CARLETON UNIVERSITY	BACHELOR OF ENGINEERING, ELECTRICAL
2.	UNIVERSITY OF WATERLOO	CIVIL ENGINEERING
3.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
4.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
5.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
6.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
7.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
8.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
9.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
10.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
11.	ALGONQUIN COLLEGE	POWERLINE TECHNICIAN
12.	CARLETON UNIVERSITY	BACHELOR OF ENGINEERING, SUS & RENEW ENERGY
13.	CARLETON UNIVERSITY	BACHELOR OF ENGINEERING, SUS & RENEW ENERGY
14.	UNIVERSITY OF WATERLOO	ELECTRICAL ENGINEERING
15.	NIAGARA COLLEGE	ELECTRICAL ENGINEERING TECHNOLOGY
16.	CARLETON UNIVERSITY	BACHELOR OF ENGINEERING, ELECTRICAL
17.	CARLETON UNIVERSITY	BACHELOR OF ENGINEERING, ELECTRICAL
18.	UNIVERSITY OF WATERLOO	MECHANICAL ENGINEERING
19.	ALGONQUIN COLLEGE	BACHELOR OF COMMERCE
20.	ALGONQUIN COLLEGE	COMPUTER PROGRAMMER
21.		

	C Name of student 410	D Start date of WP (see note 1 below) 430	E End date of WP (see note 2 below) 435
1.	[redacted]	2016-05-02	2016-08-26
2.	[redacted]	2016-05-02	2016-08-26
3.	[redacted]	2016-05-02	2016-09-02
4.	[redacted]	2016-05-02	2016-08-26
5.	[redacted]	2016-05-02	2016-09-02
6.	[redacted]	2016-05-02	2016-09-02
7.	[redacted]	2016-05-02	2016-09-02
8.	[redacted]	2016-05-02	2016-09-02
9.	[redacted]	2016-05-02	2016-08-26
10.	[redacted]	2016-05-02	2016-08-26
11.	[redacted]	2016-05-02	2016-09-02
12.	[redacted]	2016-05-02	2016-08-31
13.	[redacted]	2016-09-01	2016-12-16
14.	[redacted]	2016-09-12	2016-12-31
15.	[redacted]	2016-09-06	2016-12-31
16.	[redacted]	2016-09-06	2016-12-31
17.	[redacted]	2016-09-06	2016-12-31
18.	[redacted]	2016-01-04	2016-04-29
19.	[redacted]	2016-05-02	2016-08-26
20.	[redacted]	2016-05-02	2016-08-26
21.			

Note 1: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the start date for the separate WP.

Note 2: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the end date for the separate WP.

Part 4 – Calculation of the Ontario co-operative education tax credit (continued)

	F1 Eligible expenditures before March 27, 2009 (see note 1 below)	Eligible percentage before March 27, 2009 (from line 310 in Part 3)	F2 Eligible expenditures after March 26, 2009 (see note 1 below)	Eligible percentage after March 26, 2009 (from line 310a in Part 3)	X Number of consecutive weeks of the WP completed by the student before March 27, 2009 (see note 3 below)	Y Total number of consecutive weeks of the student's WP (see note 3 below)
1.		10.000 %	10,452	25.000 %		17
2.		10.000 %	9,387	25.000 %		17
3.		10.000 %	10,853	25.000 %		18
4.		10.000 %	9,552	25.000 %		17
5.		10.000 %	10,758	25.000 %		18
6.		10.000 %	5,558	25.000 %		18
7.		10.000 %	10,021	25.000 %		18
8.		10.000 %	9,969	25.000 %		18
9.		10.000 %	9,526	25.000 %		17
10.		10.000 %	9,928	25.000 %		17
11.		10.000 %	10,450	25.000 %		18
12.		10.000 %	11,102	25.000 %		17
13.		10.000 %	11,102	25.000 %		15
14.		10.000 %	7,804	25.000 %		16
15.		10.000 %	10,296	25.000 %		16
16.		10.000 %	10,708	25.000 %		16
17.		10.000 %	10,707	25.000 %		16
18.		10.000 %	10,483	25.000 %		17
19.		10.000 %	10,506	25.000 %		17
20.		10.000 %	8,891	25.000 %		17
21.		10.000 %		25.000 %		

	G Eligible amount (eligible expenditures multiplied by eligible percentage) (see note 2 below)	H Maximum CETC per WP (see note 3 below)	I CETC on eligible expenditures (column G or H, whichever is less)	J CETC on repayment of government assistance (see note 4 below)	K CETC for each WP (column I or column J)
1.	2,613	3,000	2,613		2,613
2.	2,347	3,000	2,347		2,347
3.	2,713	3,000	2,713		2,713
4.	2,388	3,000	2,388		2,388
5.	2,690	3,000	2,690		2,690
6.	1,390	3,000	1,390		1,390
7.	2,505	3,000	2,505		2,505
8.	2,492	3,000	2,492		2,492
9.	2,382	3,000	2,382		2,382
10.	2,482	3,000	2,482		2,482
11.	2,613	3,000	2,613		2,613
12.	2,776	3,000	2,776		2,776
13.	2,776	3,000	2,776		2,776
14.	1,951	3,000	1,951		1,951
15.	2,574	3,000	2,574		2,574
16.	2,677	3,000	2,677		2,677
17.	2,677	3,000	2,677		2,677
18.	2,621	3,000	2,621		2,621
19.	2,627	3,000	2,627		2,627
20.	2,223	3,000	2,223		2,223

	G Eligible amount (eligible expenditures multiplied by eligible percentage) (see note 2 below)	H Maximum CETC per WP (see note 3 below)	I CETC on eligible expenditures (column G or H, whichever is less)	J CETC on repayment of government assistance (see note 4 below)	K CETC for each WP (column I or column J)
21.					

Ontario co-operative education tax credit (total of amounts in column K) 500 49,517 L

or, if the corporation answered yes at line 150 in Part 1, determine the partner's share of amount L:

Amount L ______ x percentage on line 170 in Part 1 ______ % = ... ______ M

Enter amount L or M, whichever applies, on line 452 of Schedule 5, Tax Calculation Supplementary – Corporations. If you are filing more than one Schedule 550, add the amounts from line L or M, whichever applies, on all the schedules and enter the total amount on line 452 of Schedule 5.

Note 1: Reduce eligible expenditures by all government assistance, as defined under subsection 88(21) of the Taxation Act, 2007 (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, for the eligible expenditures, on or before the filing due date of the T2 Corporation Income Tax Return for the tax year.

Note 2: Calculate the eligible amount (Column G) using the following formula:

Column G = (column F1 x percentage on line 310) + (column F2 x percentage on line 312)

Note 3: If the WP ends before March 27, 2009, the maximum credit amount for the WP is $1,000.
If the WP begins after March 26, 2009, the maximum credit amount for the WP is $3,000.
If the WP begins before March 27, 2009, and ends after March 26, 2009, calculate the maximum credit amount using the following formula:

($1,000 x X/Y) + [$3,000 x (Y – X)/Y]

where "X" is the number of consecutive weeks of the WP completed by the student before March 27, 2009, and "Y" is the total number of consecutive weeks of the student's WP.

Note 4: When claiming a CETC for repayment of government assistance, complete a separate entry for each repayment and complete columns A to E and J and K with the details for the previous year WP in which the government assistance was received.
Include the amount of government assistance repaid in the tax year multiplied by the eligible percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the CETC in that tax year.

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Schedule 552

Ontario Apprenticeship Training Tax Credit

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2016-12-31

- Use this schedule to claim an Ontario apprenticeship training tax credit (ATTC) under section 89 of the Taxation Act, 2007 (Ontario).
- The ATTC is a refundable tax credit that is equal to a specified percentage (25% to 45%) of the eligible expenditures incurred by a corporation for a qualifying apprenticeship. For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015, the maximum credit for each qualifying apprenticeship is $10,000 per year to a maximum credit of $40,000 over the first 48-month period of the qualifying apprenticeship. For an apprenticeship program that began after April 23, 2015, the maximum credit for each qualifying apprenticeship is $5,000 per year to a maximum credit of $15,000 over the first 36-month period of the qualifying apprenticeship.
- Eligible expenditures are salaries and wages (including taxable benefits) paid to an apprentice in a qualifying apprenticeship or fees paid to an employment agency for the provision of services performed by the apprentice in a qualifying apprenticeship. These expenditures must be:
  - paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario;
  - for services provided by the apprentice during the first 48 months of the apprenticeship program, if an apprenticeship program began before April 24, 2015; and
  - for services provided by the apprentice during the first 36 months of the apprenticeship program, if an apprenticeship program began after April 23, 2015.
- An expenditure is not eligible for an ATTC if:
  - the same expenditure was used, or will be used, to claim a co-operative education tax credit; or
  - it is more than an amount that would be paid to an arm's length apprentice.
- An apprenticeship must meet the following conditions to be a qualifying apprenticeship:
  - the apprenticeship is in a qualifying skilled trade approved by the Ministry of Training, Colleges and Universities (Ontario) or a person designated by him or her; and
  - the corporation and the apprentice must be participating in an apprenticeship program in which the training agreement has been registered under the Ontario College of Trades and Apprenticeship Act, 2009, or the Apprenticeship and Certification Act, 1998, or in which the contract of apprenticeship has been registered under the Trades Qualification and Apprenticeship Act.
- Do not submit the training agreement or contract of apprenticeship with your T2 Corporation Income Tax Return. Keep a copy of the training agreement or contract of apprenticeship to support your claim.
- File this schedule with your T2 Corporation Income Tax Return.

Part 1 – Corporate information

110 Name of person to contact for more information: Mike Grue

120 Telephone number: (613) 738-5499

Is the claim filed for an ATTC earned through a partnership? * . . . . . 150 1 Yes [ ] 2 No [X]

If you answered yes to the question at line 150, what is the name of the partnership? . 160

Enter the percentage of the partnership's ATTC allocated to the corporation . . . . . 170 %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 552 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 552 to claim the partner's share of the partnership's ATTC. The total of the partners' allocated amounts can never exceed the amount of the partnership's ATTC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . 200 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the Taxation Act, 2007 (Ontario)? . . . . . 210 1 Yes [ ] 2 No [X]

If you answered no to question 1 or yes to question 2, then you are not eligible for the ATTC.

T2 SCH 552 E (15)

Part 3 – Specified percentage

Corporation's salaries and wages paid in the previous tax year * **300** 69,354,000

For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015:
- If line 300 is $400,000 or less, enter 45% on line 312.
- If line 300 is $600,000 or more, enter 35% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Specified percentage} = 45\% - \left[10\% \times \frac{(\text{amount on line 300 minus } 400{,}000)}{200{,}000} \right]$$

Specified percentage **312** 35.000 %

For eligible expenditures incurred for an apprenticeship program that began after April 23, 2015:
- If line 300 is $400,000 or less, enter 30% on line 314.
- If line 300 is $600,000 or more, enter 25% on line 314.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 314 using the following formula:

$$\text{Specified percentage} = 30\% - \left[5\% \times \frac{(\text{amount on line 300 minus } 400{,}000)}{200{,}000} \right]$$

Specified percentage **314** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 89(6) of the Taxation Act, 2007 (Ontario) applies, enter salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Ontario apprenticeship training tax credit

Complete a separate entry for each apprentice for each qualifying apprenticeship with the corporation. When claiming an ATTC for repayment of government assistance, complete a separate entry for each repayment, and complete columns A to G and M and N with the details for the employment period in the previous tax year in which the government assistance was received.

	A Trade code 400	B Apprenticeship program/tradename 405	C Name of apprentice 410
1.	[redacted]	[redacted]	[redacted]
2.	[redacted]	[redacted]	[redacted]
3.	[redacted]	[redacted]	[redacted]
4.	[redacted]	[redacted]	[redacted]
5.	[redacted]	[redacted]	[redacted]
6.	[redacted]	[redacted]	[redacted]
7.	[redacted]	[redacted]	[redacted]
8.	[redacted]	[redacted]	[redacted]
9.	[redacted]	[redacted]	[redacted]
10.	[redacted]	[redacted]	[redacted]
11.	[redacted]	[redacted]	[redacted]
12.	[redacted]	[redacted]	[redacted]
13.	[redacted]	[redacted]	[redacted]
14.	[redacted]	[redacted]	[redacted]
15.	[redacted]	[redacted]	[redacted]
16.	[redacted]	[redacted]	[redacted]
17.	[redacted]	[redacted]	[redacted]
18.	[redacted]	[redacted]	[redacted]
19.	[redacted]	[redacted]	[redacted]
20.	[redacted]	[redacted]	[redacted]
21.	[redacted]	[redacted]	[redacted]
22.	[redacted]	[redacted]	[redacted]
23.	[redacted]	[redacted]	[redacted]

	D Original contract or training agreementnumber 420	E Original registration date of apprenticeshipcontract or trainingagreement (YYYYMMDD) (see note 1) 425	F Start date of employment as an apprentice in the tax year (YYYYMMDD) (see note 2) 430	G End date of employment as an apprentice in the tax year (YYYYMMDD) (see note 3) 435
1.	[redacted]	2012-05-16	2016-01-01	2016-05-15
2.	[redacted]	2012-05-16	2016-01-01	2016-05-15
3.	[redacted]	2012-08-13	2016-01-01	2016-08-12
4.	[redacted]	2012-05-16	2016-01-01	2016-05-15
5.	[redacted]	2012-05-16	2016-01-01	2016-05-15
6.	[redacted]	2012-05-16	2016-01-01	2016-05-15
7.	[redacted]	2014-06-09	2016-01-01	2016-12-31
8.	[redacted]	2014-06-09	2016-01-01	2016-04-15
9.	[redacted]	2014-06-09	2016-01-01	2016-12-31
10.	[redacted]	2014-06-09	2016-01-01	2016-12-31
11.	[redacted]	2014-06-09	2016-01-01	2016-12-31
12.	[redacted]	2014-06-09	2016-01-01	2016-12-31
13.	[redacted]	2015-07-06	2016-01-01	2016-12-31
14.	[redacted]	2015-07-06	2016-01-01	2016-12-31
15.	[redacted]	2015-07-06	2016-01-01	2016-12-31
16.	[redacted]	2015-06-08	2016-01-01	2016-12-31
17.	[redacted]	2015-07-06	2016-01-01	2016-12-31
18.	[redacted]	2015-06-08	2016-01-01	2016-12-31
19.	[redacted]	2016-05-09	2016-05-09	2016-12-31
20.	[redacted]	2016-05-09	2016-05-09	2016-12-31
21.	[redacted]	2016-05-09	2016-05-09	2016-12-31
22.	[redacted]	2016-05-09	2016-05-09	2016-12-31
23.	[redacted]	2016-05-09	2016-05-09	2016-12-31

Note 1: Enter the original registration date of the apprenticeship contract or training agreement in all cases, even when multiple employers employedtheapprentice.

Note 2: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the first day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the start date of employment as an apprentice for the tax year in which the government assistance was received.

Note 3: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the last day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the end date of employment as an apprentice for the tax year in which the government assistance was received.

Part 4 – Ontario apprenticeship training tax credit (continued)

	H1 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began before April 24, 2015 (see note 1) 442	H2 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began after April 23, 2015 (see note 1) 443	I Maximum credit amount for the tax year (see note 2) 445
1.	136		3,716
2.	136		3,716
3.	225		6,148
4.	136		3,716
5.	136		3,716
6.	136		3,716
7.	366		10,000
8.	106		2,896
9.	366		10,000
10.	366		10,000
11.	366		10,000
12.	366		10,000
13.		366	5,000
14.		366	5,000
15.		366	5,000
16.		366	5,000
17.		366	5,000
18.		366	5,000
19.		237	3,238
20.		237	3,238
21.		237	3,238
22.		237	3,238
23.		237	3,238

Note 1: When there are multiple employment periods as an apprentice in the tax year with the corporation, do not include days in which the individual was not employed as an apprentice.
For H1: The days employed as an apprentice must be within 48 months of the registration date provided in column E.
For H2: The days employed as an apprentice must be within 36 months of the registration date provided in column E.

Note 2: Maximum credit = ($10,000 × H1/365*) or ($5,000 × H2/365*), whichever applies.
* 366 days, if the tax year includes February 29

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures multiplied by specified percentage (see note 4) 460
1.	101,366		35,478
2.	89,819		31,437
3.	91,781		32,123
4.	115,186		40,315
5.	91,225		31,929
6.	90,217		31,576
7.	80,501		28,175
8.	21,575		7,551
9.	80,312		28,109
10.	77,713		27,200
11.	76,613		26,815
12.	89,562		31,347
13.		66,196	16,549
14.		76,540	19,135
15.		63,822	15,956
16.		68,418	17,105
17.		65,251	16,313

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures multiplied by specified percentage (see note 4) 460
18.		83,602	20,901
19.		39,955	9,989
20.		39,518	9,880
21.		40,048	10,012
22.		37,583	9,396
23.		40,312	10,078

Note 3: Reduce eligible expenditures by all government assistance, as defined under subsection 89(19) of the Taxation Act, 2007 (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, in respect of the eligible expenditures, on or before the filing due date of the T2 Corporation Income Tax Return for the tax year.

For J1: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 48 months of the apprenticeship program, and not relating to services performed before the apprenticeship program began or after it ended.

For J2: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 36 months of the apprenticeship program, and not relating to services performed before the apprenticeship began or after it ended.

Note 4: Calculate the amount in column K as follows:
Column K = (J1 × line 312) or (J2 × line 314), whichever applies.

	L ATTC on eligible expenditures (lesser of columns I and K) 470	M ATTC on repayment of government assistance (see note 5) 480	N ATTC for each apprentice (column L or M, whichever applies) 490
1.	3,716		3,716
2.	3,716		3,716
3.	6,148		6,148
4.	3,716		3,716
5.	3,716		3,716
6.	3,716		3,716
7.	10,000		10,000
8.	2,896		2,896
9.	10,000		10,000
10.	10,000		10,000
11.	10,000		10,000
12.	10,000		10,000
13.	5,000		5,000
14.	5,000		5,000
15.	5,000		5,000
16.	5,000		5,000
17.	5,000		5,000
18.	5,000		5,000
19.	3,238		3,238
20.	3,238		3,238
21.	3,238		3,238
22.	3,238		3,238
23.	3,238		3,238

Ontario apprenticeship training tax credit (total of amounts in column N) 500 123,814 O

Or, if the corporation answered yes at line 150 in Part 1, determine the partner's share of amount O:

Amount O ____________ x percentage on line 170 in Part 1 ________ % = ... ____________ P

Enter amount O or P, whichever applies, on line 454 of Schedule 5, Tax Calculation Supplementary – Corporations. If you are filing more than one Schedule 552, add the amounts from line O or P, whichever applies, on all the schedules, and enter the total amount on line 454 of Schedule 5.

Note 5: Include the amount of government assistance repaid in the tax year multiplied by the specified percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the ATTC in that tax year. Complete a separate entry for each repayment of government assistance.

See the privacy notice on your return.

Canada Revenue Agency / Agence du revenu du Canada

T2 Corporation Income Tax Return

200

PILS FILING

055 Do not use this area

This form serves as a federal, provincial, and territorial corporation income tax return, unless the corporation is located in Quebec or Alberta. If the corporation is located in one of these provinces, you have to file a separate provincial corporation return.

All legislative references on this return are to the federal *Income Tax Act* and *Income Tax Regulations*. This return may contain changes that had not yet become law at the time of publication.

Send one completed copy of this return, including schedules and the *General Index of Financial Information* (GIFI), to your tax centre or tax services office. You have to file the return within six months after the end of the corporation's tax year.

For more information see canada.ca/taxes or Guide T4012, *T2 Corporation – Income Tax Guide*.

Identification

Business number (BN) **001** 86339 1363 RC0001

Corporation's name
002 Hydro Ottawa Limited/Hydro Ottawa Limitee

Address of head office
Has this address changed since the last time we were notified? . . . . **010** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 011 to 018.
011 3025 Albion Road North
012 P.O. Box 8700
City **015** Ottawa — Province, territory, or state **016** ON
Country (other than Canada) **017** — Postal or ZIP code **018** K1G 3S4

Mailing address (if different from head office address)
Has this address changed since the last time we were notified? . . . . **020** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 021 to 028.
021 c/o
022
023
City **025** — Province, territory, or state **026**
Country (other than Canada) **027** — Postal or ZIP code **028**

Location of books and records (if different from head office address)
Has this address changed since the last time we were notified? . . . . **030** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 031 to 038.
031
032
City **035** — Province, territory, or state **036**
Country (other than Canada) **037** — Postal or ZIP code **038**

040 **Type of corporation at the end of the tax year** (tick one)
- [X] 1 Canadian-controlled private corporation (CCPC)
- [ ] 2 Other private corporation
- [ ] 3 Public corporation
- [ ] 4 Corporation controlled by a public corporation
- [ ] 5 Other corporation (specify)

If the type of corporation changed during the tax year, provide the effective date of the change . . . . **043** Year Month Day

To which tax year does this return apply?
Tax year start — Year Month Day **060** 2017-01-01
Tax year-end — Year Month Day **061** 2017-12-31

Has there been an acquisition of control resulting in the application of subsection 249(4) since the tax year start on line 060? . . . . **063** 1 Yes [ ] 2 No [X]
If **yes**, provide the date control was acquired . . . . **065** Year Month Day

Is the date on line 061 a deemed tax year-end according to subsection 249(3.1)? . . . . **066** 1 Yes [ ] 2 No [X]

Is the corporation a professional corporation that is a member of a partnership? . . . . **067** 1 Yes [ ] 2 No [X]

Is this the first year of filing after:
Incorporation? . . . . **070** 1 Yes [ ] 2 No [X]
Amalgamation? . . . . **071** 1 Yes [ ] 2 No [X]
If **yes**, complete lines 030 to 038 and attach Schedule 24.

Has there been a wind-up of a subsidiary under section 88 during the current tax year? . . . . **072** 1 Yes [ ] 2 No [X]
If **yes**, complete and attach Schedule 24.

Is this the final tax year before amalgamation? . . . . **076** 1 Yes [ ] 2 No [X]

Is this the final return up to dissolution? . . . . **078** 1 Yes [ ] 2 No [X]

If an election was made under section 261, state the functional currency used **079**

Is the corporation a resident of Canada? **080** 1 Yes [X] 2 No [ ]
If **no**, give the country of residence on line 081 and complete and attach Schedule 97.
081

Is the non-resident corporation claiming an exemption under an income tax treaty? . . . . **082** 1 Yes [ ] 2 No [X]
If **yes**, complete and attach Schedule 91.

If the corporation is exempt from tax under section 149, tick one of the following boxes:
085
- [ ] 1 Exempt under paragraph 149(1)(e) or (l)
- [ ] 2 Exempt under paragraph 149(1)(j)
- [ ] 3 Exempt under paragraph 149(1)(t)
- [ ] 4 Exempt under other paragraphs of section 149

Do not use this area
095 **096** **898**

Attachments

Financial statement information: Use GIFI schedules 100, 125, and 141.
Schedules – Answer the following questions. For each **yes** response, **attach** the schedule to the T2 return, unless otherwise instructed.

		Yes	Schedule
Is the corporation related to any other corporations?	150	X	9
Is the corporation an associated CCPC?	160	X	23
Is the corporation an associated CCPC that is claiming the expenditure limit?	161		49
Does the corporation have any non-resident shareholders who own voting shares?	151		19
Has the corporation had any transactions, including section 85 transfers, with its shareholders, officers, or employees, other than transactions in the ordinary course of business? Exclude non-arm's length transactions with non-residents	162		11
If you answered **yes** to the above question, and the transaction was between corporations not dealing at arm's length, were all or substantially all of the assets of the transferor disposed of to the transferee?	163		44
Has the corporation paid any royalties, management fees, or other similar payments to residents of Canada?	164		14
Is the corporation claiming a deduction for payments to a type of employee benefit plan?	165	X	15
Is the corporation claiming a loss or deduction from a tax shelter?	166		T5004
Is the corporation a member of a partnership for which a partnership account number has been assigned?	167		T5013
Did the corporation, a foreign affiliate controlled by the corporation, or any other corporation or trust that did not deal at arm's length with the corporation have a beneficial interest in a non-resident discretionary trust (without reference to section 94)?	168		22
Did the corporation own any shares in one or more foreign affiliates in the tax year?	169		25
Has the corporation made any payments to non-residents of Canada under subsections 202(1) and/or 105(1) of the *Income Tax Regulations*?	170		29
Did the corporation have a total amount over CAN$1 million of reportable transactions with non-arm's length non-residents?	171		T106
For private corporations: Does the corporation have any shareholders who own 10% or more of the corporation's common and/or preferred shares?	173	X	50
Has the corporation made payments to, or received amounts from, a retirement compensation plan arrangement during the year?	172		———
Does the corporation earn income from one or more Internet webpages or websites?	180		88
Is the net income/loss shown on the financial statements different from the net income/loss for income tax purposes?	201	X	1
Has the corporation made any charitable donations; gifts of cultural or ecological property; or gifts of medicine?	202	X	2
Has the corporation received any dividends or paid any taxable dividends for purposes of the dividend refund?	203	X	3
Is the corporation claiming any type of losses?	204		4
Is the corporation claiming a provincial or territorial tax credit or does it have a permanent establishment in more than one jurisdiction?	205	X	5
Has the corporation realized any capital gains or incurred any capital losses during the tax year?	206		6
i) Is the corporation a CCPC and reporting a) income or loss from property (other than dividends deductible on line 320 of the T2 return), b) income from a partnership, c) income from a foreign business, d) income from a personal services business, e) income referred to in clause 125(1)(a)(i)(C) or 125(1)(a)(i)(B), f) aggregate investment income as defined in subsection 129(4), or g) an amount assigned to it under subsection 125(3.2) or 125(8); or ii) Is the corporation a member of a partnership and assigning its specified partnership business limit to a designated member under subsection 125(8)?	207		7
Does the corporation have any property that is eligible for capital cost allowance?	208	X	8
Does the corporation have any property that is eligible capital property?	210		10
Does the corporation have any resource-related deductions?	212		12
Is the corporation claiming deductible reserves (other than transitional reserves under section 34.2)?	213	X	13
Is the corporation claiming a patronage dividend deduction?	216		16
Is the corporation a credit union claiming a deduction for allocations in proportion to borrowing or an additional deduction?	217		17
Is the corporation an investment corporation or a mutual fund corporation?	218		18
Is the corporation carrying on business in Canada as a non-resident corporation?	220		20
Is the corporation claiming any federal, provincial, or territorial foreign tax credits, or any federal logging tax credits?	221		21
Does the corporation have any Canadian manufacturing and processing profits?	227		27
Is the corporation claiming an investment tax credit?	231	X	31
Is the corporation claiming any scientific research and experimental development (SR&ED) expenditures?	232		T661
Is the total taxable capital employed in Canada of the corporation and its related corporations over $10,000,000?	233	X	33/34/35
Is the total taxable capital employed in Canada of the corporation and its associated corporations over $10,000,000?	234	X	———
Is the corporation subject to gross Part VI tax on capital of financial institutions?	238		38
Is the corporation claiming a Part I tax credit?	242		42
Is the corporation subject to Part IV.1 tax on dividends received on taxable preferred shares or Part VI.1 tax on dividends paid?	243		43
Is the corporation agreeing to a transfer of the liability for Part VI.1 tax?	244		45
Is the corporation subject to Part II – Tobacco Manufacturers' surtax?	249		46
For financial institutions: Is the corporation a member of a related group of financial institutions with one or more members subject to gross Part VI tax?	250		39
Is the corporation claiming a Canadian film or video production tax credit refund?	253		T1131
Is the corporation claiming a film or video production services tax credit refund?	254		T1177
Is the corporation subject to Part XIII.1 tax? (Show your calculations on a sheet that you identify as Schedule 92.)	255		92

Attachments (continued)

		Yes	Schedule
Did the corporation have any foreign affiliates in the tax year?	271		T1134
Did the corporation own or hold specified foreign property where the total cost amount of all such property, at any time in the year, was more than CAN$100,000?	259		T1135
Did the corporation transfer or loan property to a non-resident trust?	260		T1141
Did the corporation receive a distribution from or was it indebted to a non-resident trust in the year?	261		T1142
Has the corporation entered into an agreement to allocate assistance for SR&ED carried out in Canada?	262		T1145
Has the corporation entered into an agreement to transfer qualified expenditures incurred in respect of SR&ED contracts?	263		T1146
Has the corporation entered into an agreement with other associated corporations for salary or wages of specified employees for SR&ED?	264		T1174
Did the corporation pay taxable dividends (other than capital gains dividends) in the tax year?	265	X	55
Has the corporation made an election under subsection 89(11) not to be a CCPC?	266		T2002
Has the corporation revoked any previous election made under subsection 89(11)?	267		T2002
Did the corporation (CCPC or deposit insurance corporation (DIC)) pay eligible dividends, or did its general rate income pool (GRIP) change in the tax year?	268	X	53
Did the corporation (other than a CCPC or DIC) pay eligible dividends, or did its low rate income pool (LRIP) change in the tax year?	269		54

Additional information

		1 Yes	2 No
Did the corporation use the International Financial Reporting Standards (IFRS) when it prepared its financial statements?	270	X	
Is the corporation inactive?	280		X

What is the corporation's main revenue-generating business activity? 221122 Electric Power Distribution

Specify the principal products mined, manufactured, sold, constructed, or services provided, giving the approximate percentage of the total revenue that each product or service represents.

284	DIST. OF ELECTRICITY	285	100.000 %
286		287	%
288		289	%

		1 Yes	2 No
Did the corporation immigrate to Canada during the tax year?	291		X
Did the corporation emigrate from Canada during the tax year?	292		X
Do you want to be considered as a quarterly instalment remitter if you are eligible?	293		

If the corporation was eligible to remit instalments on a quarterly basis for part of the tax year, provide the date the corporation ceased to be eligible 294 Year Month Day

If the corporation's major business activity is construction, did you have any subcontractors during the tax year? 295 1 Yes ☐ 2 No ☐

Taxable income

Net income or (loss) for income tax purposes from Schedule 1, financial statements, or GIFI			300 16,230,118	A
Deduct:				
Charitable donations from Schedule 2	311	72,855		
Cultural gifts from Schedule 2	313			
Ecological gifts from Schedule 2	314			
Gifts of medicine made before March 22, 2017, from Schedule 2	315			
Taxable dividends deductible under section 112 or 113, or subsection 138(6) from Schedule 3	320			
Part VI.1 tax deduction*	325			
Non-capital losses of previous tax years from Schedule 4	331			
Net capital losses of previous tax years from Schedule 4	332			
Restricted farm losses of previous tax years from Schedule 4	333			
Farm losses of previous tax years from Schedule 4	334			
Limited partnership losses of previous tax years from Schedule 4	335			
Taxable capital gains or taxable dividends allocated from a central credit union	340			
Prospector's and grubstaker's shares	350			
Subtotal		72,855	► 72,855	B
Subtotal (amount A **minus** amount B) (if negative, enter "0")			16,157,263	C
Section 110.5 additions or subparagraph 115(1)(a)(vii) additions			355	D
Taxable income (amount C **plus** amount D)			360 16,157,263	
Income exempt under paragraph 149(1)(t)			370	
Taxable income for a corporation with exempt income under paragraph 149(1)(t) (line 360 **minus** line 370)			16,157,263	Z
Taxable income for the year from a personal services business				Z.1

* This amount is equal to 3.5 times the Part VI.1 tax payable at line 724 on page 8.

Small business deduction

Canadian-controlled private corporations (CCPCs) throughout the tax year

Income from active business carried on in Canada from Schedule 7	400	16,230,118	A
Taxable income from line 360 on page 3, **minus** 100/28 (3.57143) of the amount on line 632* on page 7, **minus** 4 times the amount on line 636** on page 7, and **minus** any amount that, because of federal law, is exempt from Part I tax	405	16,157,263	B
Business limit (see notes 1 and 2 below)	410	500,000	C

Notes:

1. For CCPCs that are not associated, enter $ 500,000 on line 410. However, if the corporation's tax year is less than 51 weeks, prorate this amount by the number of days in the tax year **divided** by 365, and enter the result on line 410.
2. For associated CCPCs, use Schedule 23 to calculate the amount to be entered on line 410.

Business limit reduction:

Amount C 500,000 x 415 *** 4,302,720 D / 11,250 = 191,232,000 E

Reduced business limit (amount C **minus** amount E) (if negative, enter "0")	425		F
Business limit the CCPC assigns under subsection 125(3.2) (from line 515 below)			G
Amount F **minus** amount G	427		H

Small business deduction

Amount A, B, C, or H, whichever is the least ______ x Number of days in the tax year before January 1, 2018 / Number of days in the tax year: 365 / 365 x 17.5 % = ______ 1

Amount A, B, C, or H, whichever is the least ______ x Number of days in the tax year after December 31, 2017, and before January 1, 2019 / Number of days in the tax year: ______ / 365 x 18 % = ______ 2

Total of amounts 1 and 2 (enter amount I at amount J on page 7) 430 ______ I

* Calculate the amount of foreign non-business income tax credit deductible on line 632 without reference to the refundable tax on the CCPC's investment income (line 604) and without reference to the corporate tax reductions under section 123.4.

** Calculate the amount of foreign business income tax credit deductible on line 636 without reference to the corporation tax reductions under section 123.4.

*** **Large corporations**

- If the corporation is not associated with any corporations in both the current and previous tax years, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **prior** year **minus** $10,000,000) x 0.225%.
- If the corporation is not associated with any corporations in the current tax year, but was associated in the previous tax year, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **current** year **minus** $10,000,000) x 0.225%.
- For corporations associated in the current tax year, see Schedule 23 for the special rules that apply.

Specified corporate income and assignment under subsection 125(3.2)

Applicable to tax years that begin after March 21, 2016

Except that, if the tax year of your corporation started before **and** ends on or after March 22, 2016 and in the tax year of a CCPC, you can make an assignment of business limit to that other CCPC if its tax year started after March 21, 2016.

	J1 Name of corporation receiving the income and assigned amount	J Business number of the corporation receiving the assigned amount 490	K Income paid under clause 125(1)(a)(i)(B) to the corporation identified in column J [3] 500	L Business limit assigned to corporation identified in column J [4] 505
1.				
			Total 510	Total 515

Notes:

3. This amount is [as defined in subsection 125(7) **specified corporate income** (a)(i)] the total of all amounts each of which is income from an active business of the corporation for the year from the provision of services or property to a private corporation (directly or indirectly, in any manner whatever) if
(A) at any time in the year, the corporation (or one of its shareholders) or a person who does not deal at arm's length with the corporation (or one of its shareholders) holds a direct or indirect interest in the private corporation, and
(B) it is not the case that all or substantially all of the corporation's income for the year from an active business is from the provision of services or property to
(I) persons (other than the private corporation) with which the corporation deals at arm's length, or
(II) partnerships with which the corporation deals at arm's length, other than a partnership in which a person that does not deal at arm's length with the corporation holds a direct or indirect interest.
4. The amount of the business limit you assign to a CCPC cannot be greater than the amount determined by the formula A – B, where A is the amount of income referred to in column K in respect of that CCPC and B is the portion of the amount described in A that is deductible by you in respect of the amount of income referred to in clauses 125(1)(a)(i)(A) or (B) for the year. The amount on line 515 cannot be greater than the amount on line 425.

General tax reduction for Canadian-controlled private corporations

Canadian-controlled private corporations throughout the tax year

Taxable income from page 3 (line 360 or amount Z, whichever applies)			16,157,263	A
Lesser of amounts 9B and 9H from Part 9 of Schedule 27		B		
Amount 13K from Part 13 of Schedule 27		C		
Personal services business income	432	D		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		E		
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least		F		
Aggregate investment income from line 440 on page 6*		G		
Subtotal (**add** amounts B to G)		►		H
Amount A **minus** amount H (if negative, enter "0")			16,157,263	I
General tax reduction for Canadian-controlled private corporations – Amount I **multiplied** by 13 %			2,100,444	J

Enter amount J on line 638 on page 7.

* Except for a corporation that is, throughout the year, a cooperative corporation (within the meaning assigned by subsection 136(2)) or a credit union.

General tax reduction

Do not complete this area if you are a Canadian-controlled private corporation, an investment corporation, a mortgage investment corporation, a mutual fund corporation, or any corporation with taxable income that is not subject to the corporation tax rate of 38%.

Taxable income from page 3 (line 360 or amount Z, whichever applies)				K
Lesser of amounts 9B and 9H from Part 9 of Schedule 27		L		
Amount 13K from Part 13 of Schedule 27		M		
Personal services business income	434	N		
Amount used to calculate the credit union deduction (amount F from Schedule 17)		O		
Subtotal (**add** amounts L to O)		►		P
Amount K **minus** amount P (if negative, enter "0")				Q
General tax reduction – Amount Q **multiplied** by 13 %				R

Enter amount R on line 639 on page 7.

Refundable portion of Part I tax

Canadian-controlled private corporations throughout the tax year

Aggregate investment income from Schedule 7 . . . . **440** ________ x 30 2 / 3 % = ________ A

Foreign non-business income tax credit from line 632 on page 7 . . . . ________ B

Deduct:
Foreign investment income from Schedule 7 . . . . **445** ________ x 8 % = ________ C

Subtotal (amount B **minus** amount C) (if negative, enter "0") ________ ▶ ________ D

Amount A **minus** amount D (if negative, enter "0") . . . . ________ E

Taxable income from line 360 on page 3 . . . . 16,157,263 F

Deduct:
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least . . . . ________ G

Foreign non-business income tax credit from line 632 on page 7 . . . . ________ x 75 / 29 = ________ H

Foreign business income tax credit from line 636 on page 7 . . ________ x 4 = ________ I

Subtotal (total of amounts G, H and I) ________ ▶ ________ J

Subtotal (amount F **minus** amount J) (if negative, enter "0") 16,157,263 K x 30 2 / 3 % = 4,954,894 L

Part I tax payable minus investment tax credit refund (line 700 **minus** line 780 from page 8) . . . . 2,389,590 M

Refundable portion of Part I tax – Amount E, L, or M, whichever is the least . . . . **450** ________ N

Refundable dividend tax on hand

Refundable dividend tax on hand at the end of the previous tax year . . . . **460** ________

Deduct: Dividend refund for the previous tax year . . . . **465** ________

Subtotal ________ ▶ ________ O

Add the total of:

Refundable portion of Part I tax from line 450 above . . . . ________ P

Total Part IV tax payable from Schedule 3 . . . . ________ Q

Net refundable dividend tax on hand transferred from a predecessor corporation on amalgamation, or from a wound-up subsidiary corporation . . . . **480** ________

Subtotal ________ ▶ ________ R

Refundable dividend tax on hand at the end of the tax year – Amount O **plus** amount R . . . . **485** ________

Dividend refund

Private and subject corporations at the time taxable dividends were paid in the tax year

Taxable dividends paid in the tax year from line 460 on page 3 of Schedule 3 . . . . . . 20,600,000 x 38 1 / 3 % = 7,896,667 S

Refundable dividend tax on hand at the end of the tax year from line 485 above . . . . ________ T

Dividend refund – Amount S or T, whichever is less . . . . ________ U

Enter amount U on line 784 on page 8.

Part I tax

Base amount Part I tax – Taxable income from page 3 (line 360 or amount Z, whichever applies) **multiplied** by 38 %			550	6,139,760 A
Additional tax on personal services business income (section 123.5)				
Taxable income from a personal services business	555	x 5 % =	560	B
Recapture of investment tax credit from Schedule 31			602	C

Calculation for the refundable tax on the Canadian-controlled private corporation's (CCPC) investment income
(if it was a CCPC throughout the tax year)

Aggregate investment income from line 440 on page 6		D	
Taxable income from line 360 on page 3	16,157,263 E		
Deduct: Amount from line 400, 405, 410, or 427 on page 4, whichever is the least	F		
Net amount (amount E **minus** amount F)	16,157,263 ▶	16,157,263 G	
Refundable tax on CCPC's investment income – 10 2/3 % of whichever is less: amount D or amount G		604	H
Subtotal (**add** amounts A, B, C, and H)			6,139,760 I

Deduct:

Small business deduction from line 430 on page 4		J	
Federal tax abatement	608	1,615,726	
Manufacturing and processing profits deduction from Schedule 27	616		
Investment corporation deduction	620		
Taxed capital gains 624			
Additional deduction – credit unions from Schedule 17	628		
Federal foreign non-business income tax credit from Schedule 21	632		
Federal foreign business income tax credit from Schedule 21	636		
General tax reduction for CCPCs from amount J on page 5	638	2,100,444	
General tax reduction from amount R on page 5	639		
Federal logging tax credit from Schedule 21	640		
Eligible Canadian bank deduction under section 125.21	641		
Federal qualifying environmental trust tax credit	648		
Investment tax credit from Schedule 31	652	34,000	
Subtotal		3,750,170 ▶	3,750,170 K

Part I tax payable – Amount I **minus** amount K	2,389,590 L

Enter amount L on line 700 on page 8.

Privacy statement

Personal information is collected under the *Income Tax Act* to administer tax, benefits, and related programs. It may also be used for any purpose related to the administration or enforcement of the Act such as audit, compliance and the payment of debts owed to the Crown. It may be shared or verified with other federal, provincial/territorial government institutions to the extent authorized by law. Failure to provide this information may result in interest payable, penalties or other actions. Under the *Privacy Act*, individuals have the right to access their personal information and request correction if there are errors or omissions. Refer to Info Source canada.ca/cra-info-source, personal information bank CRA PPU 047.

Summary of tax and credits

Federal tax

Part I tax payable from amount L on page 7	700	2,389,590
Part II surtax payable from Schedule 46	708	
Part III.1 tax payable from Schedule 55	710	
Part IV tax payable from Schedule 3	712	
Part IV.1 tax payable from Schedule 43	716	
Part VI tax payable from Schedule 38	720	
Part VI.1 tax payable from Schedule 43	724	
Part XIII.1 tax payable from Schedule 92	727	
Part XIV tax payable from Schedule 20	728	
Total federal tax		2,389,590

Add provincial or territorial tax:

Provincial or territorial jurisdiction . . . 750 ON
(if more than one jurisdiction, enter "multiple" and complete Schedule 5)

Net provincial or territorial tax payable (except Quebec and Alberta)	760	1,204,903
Total tax payable	770	3,594,493 A

Deduct other credits:

Investment tax credit refund from Schedule 31	780		
Dividend refund from amount U on page 6	784		
Federal capital gains refund from Schedule 18	788		
Federal qualifying environmental trust tax credit refund	792		
Canadian film or video production tax credit refund (Form T1131)	796		
Film or video production services tax credit refund (Form T1177)	797		
Tax withheld at source	800		
Total payments on which tax has been withheld 801			
Provincial and territorial capital gains refund from Schedule 18	808		
Provincial and territorial refundable tax credits from Schedule 5	812		
Tax instalments paid	840	3,745,000	
Total credits	890	3,745,000	3,745,000 B

Refund code 894 1 Overpayment 150,507

Balance (amount A **minus** amount B) -150,507

If the result is positive, you have a **balance unpaid**.
If the result is negative, you have an **overpayment**.
Enter the amount on whichever line applies.
Generally, we do not charge or refund a difference of $2 or less.

Balance unpaid . . . . . .

For information on how to make your payment, go to canada.ca/payments.

Direct deposit request

To have the corporation's refund deposited directly into the corporation's bank account at a financial institution in Canada, or to change banking information you already gave us, complete the information below:

☐ Start ☐ Change information 910 ______ Branch number

914 ______ Institution number 918 ______ Account number

If the corporation is a Canadian-controlled private corporation throughout the tax year, does it qualify for the one-month extension of the date the balance of tax is due? . . . 896 1 Yes ☐ 2 No ☒

If this return was prepared by a tax preparer for a fee, provide their EFILE number . . . 920 ______

Certification

I, 950 Simpson (Last name) 951 Geoff (First name) 954 CFO (Position, office, or rank),

am an authorized signing officer of the corporation. I certify that I have examined this return, including accompanying schedules and statements, and that the information given on this return is, to the best of my knowledge, correct and complete. I also certify that the method of calculating income for this tax year is consistent with that of the previous tax year except as specifically disclosed in a statement attached to this return.

955 2018-06-07 Date (yyyy/mm/dd) ______ Signature of the authorized signing officer of the corporation 956 (613) 738-5499 Telephone number

Is the contact person the same as the authorized signing officer? If **no**, complete the information below . . . 957 1 Yes ☐ 2 No ☒

958 Bettina Yau (Name of other authorized person) 959 (613) 738-5499 Telephone number

Language of correspondence – Langue de correspondance

Indicate your language of correspondence by entering **1** for English or **2** for French.
Indiquez votre langue de correspondance en inscrivant **1** pour anglais ou **2** pour français. 990 1

Schedule of Instalment Remittances

Name of corporation contact: Mike Grue
Telephone number: (613) 738-5499

Effective interest date	Description (instalment remittance, split payment, assessed credit)	Amount of credit
	INSTALLMENTS - 2017	3,745,000
	Total amount of instalments claimed (carry the result to line 840 of the T2 Return)	3,745,000 **A**
	Total instalments credited to the taxation year per T9	3,745,000 **B**

Transfer

	Account number	Taxation year end	Amount	Effective interest date	Description
From:					
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
To:					

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 100

Form identifier 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Balance sheet information

Account	Description	GIFI		Current year	Prior year
	Assets				
	Total current assets	1599	+	182,061,000	196,876,000
	Total tangible capital assets	2008	+	1,092,256,000	974,445,000
	Total accumulated amortization of tangible capital assets	2009	–	126,137,000	93,127,000
	Total intangible capital assets	2178	+	99,730,000	62,963,000
	Total accumulated amortization of intangible capital assets	2179	–	27,383,000	
	Total long-term assets	2589	+	25,466,000	13,744,000
	* Assets held in trust	2590	+		
	Total assets (mandatory field)	2599	=	1,245,993,000	1,154,901,000
	Liabilities				
	Total current liabilities	3139	+	160,947,000	175,621,000
	Total long-term liabilities	3450	+	749,387,000	659,481,000
	* Subordinated debt	3460	+		
	* Amounts held in trust	3470	+		
	Total liabilities (mandatory field)	3499	=	910,334,000	835,102,000
	Shareholder equity				
	Total shareholder equity (mandatory field)	3620	+	335,659,000	319,799,000
	Total liabilities and shareholder equity	3640	=	1,245,993,000	1,154,901,000
	Retained earnings				
	Retained earnings/deficit – end (mandatory field)	3849	=	168,578,000	152,718,000

* Generic item

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SCHEDULE 125

Form identifier 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Income statement information

Description	GIFI	
Operating name	0001	
Description of the operation	0002	
Sequence number	0003	01

Account	Description	GIFI		Current year	Prior year
	Income statement information				
	Total sales of goods and services	8089	+	1,110,462,000	1,176,520,000
	Cost of sales	8518	–	910,810,000	968,069,000
	Gross profit/loss	8519	=	199,652,000	208,451,000
	Cost of sales	8518	+	910,810,000	968,069,000
	Total operating expenses	9367	+	150,022,000	162,208,000
	Total expenses (mandatory field)	9368	=	1,060,832,000	1,130,277,000
	Total revenue (mandatory field)	8299	+	1,110,462,000	1,176,520,000
	Total expenses (mandatory field)	9368	–	1,060,832,000	1,130,277,000
	Net non-farming income	9369	=	49,630,000	46,243,000
	Farming income statement information				
	Total farm revenue (mandatory field)	9659	+		
	Total farm expenses (mandatory field)	9898	–		
	Net farm income	9899	=		
	Net income/loss before taxes and extraordinary items	9970	=	49,630,000	46,243,000
	Total other comprehensive income	9998	=		
	Extraordinary items and income (linked to Schedule 140)				
	Extraordinary item(s)	9975	–		
	Legal settlements	9976	–		
	Unrealized gains/losses	9980	+		
	Unusual items	9985	–		
	Current income taxes	9990	–	3,828,000	3,648,000
	Future (deferred) income tax provision	9995	–	9,342,000	8,250,000
	Total – Other comprehensive income	9998	+		
	Net income/loss after taxes and extraordinary items (mandatory field)	9999	=	36,460,000	34,345,000

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Schedule 141

Notes Checklist

Corporation's name	Business number	Tax Year End Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Parts 1, 2, and 3 of this schedule must be completed from the perspective of the person (referred to in these parts as the **accountant**) who prepared or reported on the financial statements. If the person preparing the tax return is not the accountant referred to above, they must still complete Parts 1, 2, 3, and 4, as applicable.
- For more information, see Guide RC4088, *General Index of Financial Information (GIFI)* and T4012, *T2 Corporation – Income Tax Guide.*
- Complete this schedule and include it with your T2 return along with the other GIFI schedules.

Part 1 – Information on the accountant who prepared or reported on the financial statements

Does the accountant have a professional designation? . . . 095 Yes [X] No [ ]

Is the accountant connected* with the corporation? . . . 097 Yes [ ] No [X]

Note

If the accountant does not have a professional designation **or** is connected to the corporation, you do not have to complete Parts 2 and 3 of this schedule. However, you **do have** to complete Part 4, as applicable.

* A person connected with a corporation can be: (i) a shareholder of the corporation who owns more than 10% of the common shares; (ii) a director, an officer, or an employee of the corporation; or (iii) a person not dealing at arm's length with the corporation.

Part 2 – Type of involvement with the financial statements

Choose the option that represents the highest level of involvement of the accountant: 198

- Completed an auditor's report . . . 1 [X]
- Completed a review engagement report . . . 2 [ ]
- Conducted a compilation engagement . . . 3 [ ]

Part 3 – Reservations

If you selected option 1 or 2 under **Type of involvement with the financial statements** above, answer the following question:

Has the accountant expressed a reservation? . . . 099 Yes [ ] No [X]

Part 4 – Other information

If you have a professional designation and are not the accountant associated with the financial statements in Part 1 above, choose one of the following options: 110

- Prepared the tax return (financial statements prepared by client) . . . 1 [ ]
- Prepared the tax return and the financial information contained therein (financial statements have not been prepared) . . . 2 [ ]

Were notes to the financial statements prepared? . . . 101 Yes [X] No [ ]

If **yes**, complete lines 104 to 107 below:

- Are subsequent events mentioned in the notes? . . . 104 Yes [ ] No [X]
- Is re-evaluation of asset information mentioned in the notes? . . . 105 Yes [ ] No [X]
- Is contingent liability information mentioned in the notes? . . . 106 Yes [X] No [ ]
- Is information regarding commitments mentioned in the notes? . . . 107 Yes [X] No [ ]
- Does the corporation have investments in joint venture(s) or partnership(s)? . . . 108 Yes [ ] No [X]

SCHEDULE 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Form identifier 100

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Assets – lines 1000 to 2599

1060	178,889,000	1484	3,172,000	1599	182,061,000
1680	86,445,000	1681	-10,412,000	1740	1,003,355,000
1741	-115,725,000	1900	2,456,000	2008	1,092,256,000
2009	-126,137,000	2010	99,730,000	2011	-27,383,000
2178	99,730,000	2179	-27,383,000	2420	25,466,000
2589	25,466,000	2599	1,245,993,000		

Liabilities – lines 2600 to 3499

2620	148,575,000	2680	116,000	2860	12,256,000
3139	160,947,000	3140	567,185,000	3220	95,383,000
3240	16,797,000	3270	13,334,000	3320	56,688,000
3450	749,387,000	3499	910,334,000		

Shareholder equity – lines 3500 to 3640

3500	167,081,000	3600	168,578,000	3620	335,659,000
3640	1,245,993,000				

Retained earnings – lines 3660 to 3849

3660	152,718,000	3680	36,460,000	3700	-20,600,000
3849	168,578,000				

SCHEDULE 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Form identifier 125

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Description

Sequence number **0003** 01

Revenue – lines 8000 to 8299

8000	1,110,462,000	**8089**	1,110,462,000	**8299**	1,110,462,000

Cost of sales – lines 8300 to 8519

8320	910,810,000	**8518**	910,810,000	**8519**	199,652,000

Operating expenses – lines 8520 to 9369

8570	7,171,000	**8670**	36,884,000	**8740**	17,612,000
9010	7,922,000	**9060**	74,021,000	**9110**	31,777,000
9270	-23,513,000	**9284**	-1,852,000	**9367**	150,022,000
9368	1,060,832,000	**9369**	49,630,000		

Extraordinary items and taxes – lines 9970 to 9999

9970	49,630,000	**9990**	3,828,000	**9995**	9,342,000
9999	36,460,000				

Canada Revenue Agency / Agence du revenu du Canada

Net Income (Loss) for Income Tax Purposes

Schedule 1

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- The purpose of this schedule is to provide a reconciliation between the corporation's net income (loss) as reported on the financial statements and its net income (loss) for tax purposes. For more information, see the T2 *Corporation – Income Tax Guide*.
- All legislative references are to the *Income Tax Act*.

Net income (loss) after taxes and extraordinary items from line 9999 of Schedule 125			36,460,000	A
Add:				
Provision for income taxes – current	101	3,828,000		
Interest and penalties on taxes	103	9,697		
Amortization of tangible assets	104	36,884,000		
Amortization of intangible assets	106	7,171,000		
Loss on disposal of assets	111	1,583,866		
Charitable donations and gifts from Schedule 2	112	72,855		
Non-deductible meals and entertainment expenses	121	94,343		
Other reserves on lines 270 and 275 from Schedule 13	125	1,721,271		
Reserves from financial statements – balance at the end of the year	126	3,183,844		
Subtotal of additions		54,548,876 ►	54,548,876	

Other additions:

Miscellaneous other additions:

	1 Description 605	2 Amount 295
1	Employee Future Benefits expensed in F/S	832,100
2	Bonus not paid in 180 days after the YE	29,587
	Total of column 2	861,687

Total of column 2 ►	296	861,687		
Subtotal of other additions	199	861,687 ►	861,687	
Total additions	500	55,410,563 ►	55,410,563	B
Amount A **plus** amount B			91,870,563	C
Deduct:				
Capital cost allowance from Schedule 8	403	65,252,186		
Other reserves on line 280 from Schedule 13	413	2,370,974		
Reserves from financial statements – balance at the beginning of the year	414	3,403,620		
Subtotal of deductions		71,026,780 ►	71,026,780	

Other deductions:

Miscellaneous other deductions:

	1 Description 705	2 Amount 395
1	AFUDC	1,597,905
2	Employee Future Benefits paid during the year	634,300
3	Deferred Revenue Amortizarion	2,262,000
4	IBM lease payment	119,460
	Total of column 2	4,613,665

Total of column 2 ►	396	4,613,665

Subtotal of other deductions	499	4,613,665 ►	4,613,665	
Total deductions	510	75,640,445 ►	75,640,445	D
Net income (loss) for income tax purposes (amount C **minus** amount D)			16,230,118	E

Enter amount E on line 300 of the T2 return.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 2

Charitable Donations and Gifts

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- For use by corporations to claim any of the following:
  – the eligible amount of charitable donations to qualified donees;
  – the Ontario, Nova Scotia, and British Columbia food donation tax credits for farmers;
  – the eligible amount of gifts of certified cultural property;
  – the eligible amount of gifts of certified ecologically sensitive land; or
  – the additional deduction for gifts of medicine made before March 22, 2017.
- All legislative references are to the federal *Income Tax Act*, unless otherwise specified.
- The eligible amount of a gift is the amount by which the fair market value of the gifted property exceeds the amount of an advantage, if any, for the gift.
- The donations and gifts are eligible for a 5-year carryforward except for gifts of certified ecologically sensitive land made after February 10, 2014, which are eligible for a 10-year carryforward. Provincial food donation tax credits must be applied in the current tax year.
- Use this schedule to show a transfer of unused amounts from previous years following an amalgamation or the wind-up of a subsidiary as described under subsections 87(1) and 88(1).
- Subsection 110.1(1.2) provides as follows:
  – Where a particular corporation has undergone an acquisition of control, for tax years that end on or after the acquisition of control, no corporation can claim a deduction for a gift made by the particular corporation to a qualified donee before the acquisition of control.
  – If a particular corporation makes a gift to a qualified donee pursuant to an arrangement under which both the gift and the acquisition of control is expected, no corporation can claim a deduction for the gift unless the person acquiring control of the particular corporation is the qualified donee.
- A gift of medicine made before March 22, 2017 to a qualifying organization for activities outside of Canada may be eligible for an additional deduction. Calculate the additional deduction in Part 5.
- File a completed copy of this schedule with your *T2 Corporation Income Tax Return*.
- For more information, see the *T2 Corporation – Income Tax Guide*.

Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
Special Olympics Ontario	2,000
Canadian Cancer Society	100
Canadian Cancer Society	100
Brain Tumor Foundation	100
Bruyere Foundation	100
CHEO	250
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
Alzheimer Society of Canada	100
Alzheimer Society of Canada	100
Sudbury Action Centre for Youth	100
The Ottawa Hospital	100
The Ottawa Hospital	100
The Salvation Army	100
Diabetes Canada	100
Mackenzie Health Foundation	100
Marian Centre	100
The Wing of Phoenix Association	100
CNIBI	100
Queensway Carleton Hospital Foundation	500
Christie Lake Kids	800
Camp Quality Canada	1,000
Community Living	2,000
Ottawa Region Cancer Foundation	2,500
Ten Oaks Project	5,000
CHEO	15,000

Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
CHEO	41,805
Subtotal	72,855
Add: Total donations of less than $100 each	
Total donations in current tax year	72,855

Part 1 – Charitable donations

	Line	Federal	Québec	Alberta
Charitable donations at the end of the previous tax year	1A			
Charitable donations expired after five tax years*	239			
Charitable donations at the beginning of the current tax year (amount 1A **minus** line 239)	240			
Charitable donations transferred on an amalgamation or the wind-up of a subsidiary	250			
Total charitable donations made in the current year	210	72,855	72,855	72,855
Include on line 112 of Schedule 1 *Net Income (Loss) for Income Tax Purposes*				
Subtotal (line 250 **plus** line 210)	1B	72,855	72,855	72,855
Subtotal (line 240 **plus** amount 1B)	1C	72,855	72,855	72,855
Adjustment for an acquisition of control	255			
Total charitable donations available (amount 1C **minus** line 255)	1D	72,855	72,855	72,855
Amount applied in the current year against taxable income (cannot be more than amount 2H in Part 2)	260	72,855	72,855	72,855
Enter on line 311 of the T2 return				
Charitable donations closing balance (amount 1D **minus** line 260)	280			

The amount of qualifying donations for the Ontario community food program donation tax credit for farmers included in line 260 (for donations made after December 31, 2013) . . . **262** ______

Ontario community food program donation tax credit for farmers (line 262 **multiplied** by 25 %) . . . ______ 1E

Enter amount 1E on line 420 of Schedule 5, *Tax Calculation Supplementary – Corporations*. The maximum amount you can claim in the current year is whichever is less: the Ontario income tax otherwise payable or amount 1E. For more information, see section 103.1.2 of the *Taxation Act, 2007* (Ontario).

The amount of qualifying donations for the Nova Scotia food bank tax credit for farmers included in line 260 (for donations made after December 31, 2015) . . . **263** ______

Nova Scotia food bank tax credit for farmers (line 263 **multiplied** by 25 %) . . . ______ 1F

Enter amount 1F on line 570 of Schedule 5, *Tax Calculation Supplementary – Corporations*. The maximum amount you can claim in the current year is whichever is less: the Nova Scotia income tax otherwise payable or amount 1F. For more information, see section 50A of the Nova Scotia *Income Tax Act*.

The amount of qualifying gifts for the British Columbia farmers' food donation tax credit included in line 260 (for donations made after February 16, 2016 and before January 1, 2019) . . . **265** ______

British Columbia farmers' food donation tax credit (line 265 **multiplied** by 25 %) . . . ______ 1G

Enter amount 1G on line 683 of Schedule 5, *Tax Calculation Supplementary – Corporations*. The maximum amount you can claim in the current year is whichever is less: the British Columbia income tax otherwise payable or amount 1G. For more information, see section 20.1 of the British Columbia *Income Tax Act*.

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amounts carried forward – Charitable donations

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total (to line A)				

* For federal and Alberta tax purposes, donations and gifts included on line *6th prior year* expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, that are included on line *6th prior year* and donations and gifts that are included on line *21st prior year* expire automatically in the current tax year.

Part 2 – Maximum allowable deduction for charitable donations

Net income for tax purposes* **multiplied** by 75 % 12,172,589 2A

Taxable capital gains arising in respect of gifts of capital property included in Part 1 ** .... 225 ____

Taxable capital gain in respect of a disposition of a non-qualifying security under subsection 40(1.01) .... 227 ____

The amount of the recapture of capital cost allowance in respect of charitable donations .... 230 ____

Proceeds of disposition, **less** outlays and expenses** .... ____ 2B

Capital cost** .... ____ 2C

Amount 2B or 2C, whichever is less .... 235 ____

Line 230 or 235, whichever is less .... ____ 2D

Subtotal (**add** lines 225, 227 and amount 2D) ____ 2E

Amount 2E **multiplied** by 25 % ____ 2F

Subtotal (amount 2A **plus** amount 2F) 12,172,589 2G

Maximum allowable deduction for charitable donations (amount 1D from Part 1, amount 2G, or net income for tax purposes, whichever is less) 72,855 2H

* For credit unions, subsection 137(2) states that this amount is before the deduction of payments pursuant to allocations in proportion to borrowing and bonus interest.

** This amount must be prorated by the following calculation: eligible amount of the gift **divided by** the proceeds of disposition of the gift.

Part 3 – Gifts of certified cultural property

		Federal		Québec	Alberta
Gifts of certified cultural property at the end of the previous tax year			3A		
Gifts of certified cultural property expired after five tax years*	439				
Gifts of certified cultural property at the beginning of the current tax year (amount 3A **minus** line 439)	440				
Gifts of certified cultural property transferred on an amalgamation or the wind-up of a subsidiary	450				
Total gifts of certified cultural property in the current year	410				
Include on line 112 of Schedule 1					
Subtotal (line 450 **plus** line 410)			3B		
Subtotal (line 440 **plus** amount 3B)			3C		
Adjustment for an acquisition of control	455				
Amount applied in the current year against taxable income	460				
Enter on line 313 of the T2 return					
Subtotal (line 455 **plus** line 460)			3D		
Gifts of certified cultural property closing balance (amount 3C **minus** amount 3D)	480				

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amount carried forward – Gifts of certified cultural property

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts included on line *6th prior year* expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, that are included on line *6th prior year* and donations and gifts that are included on line *21st prior year* expire automatically in the current tax year.

Part 4 – Gifts of certified ecologically sensitive land

	Line	Federal		Québec	Alberta
Gifts of certified ecologically sensitive land at the end of the previous tax year			4A		
Gifts of certified ecologically sensitive land expired after 5 tax years, or after 10 tax years for gifts made after February 10, 2014*	539				
Gifts of certified ecologically sensitive land at the beginning of the current tax year (amount 4A **minus** line 539)	540				
Gifts of certified ecologically sensitive land transferred on an amalgamation or the wind-up of a subsidiary	550				
Total current-year gifts of certified ecologically sensitive land made before February 11, 2014 (include on line 112 of Schedule 1)	510				
Total current-year gifts of certified ecologically sensitive land made after February 10, 2014 (include on line 112 of Schedule 1)	520				
Subtotal (**add** lines 550, 510, and 520)			4B		
Subtotal (line 540 **plus** amount 4B)			4C		
Adjustment for an acquisition of control	555				
Amount applied in the current year against taxable income (enter on line 314 of the T2 return)	560				
Subtotal (line 555 **plus** line 560)			4D		
Gifts of certified ecologically sensitive land closing balance (amount 4C **minus** amount 4D)	580				

* For federal and Alberta tax purposes, donations and gifts made before February 11, 2014, expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. For Québec tax purposes, donations and gifts made during a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donation and gifts expire after twenty tax years.

Amounts carried forward – Gifts of certified ecologically sensitive land

Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date . . . . ______

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year*	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts made before February 11, 2014, that are included on line *6th prior year* and gifts that are included on line *11th prior year* expire automatically in the current year.

The field "Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date" is used to distinguish the portion of the gifts made in the tax year straddling February 11, 2014, that expires after ten tax years, from the portion that expires in the current tax year.

For Québec tax purposes, donations and gifts made during a tax year that ended before March 24, 2006, that are included on line *6th prior year* and gifts that are included on line *21st prior year* expire automatically in the current tax year.

Part 5 – Additional deduction for gifts of medicine

	Line	Federal	Québec	Alberta
Additional deduction for gifts of medicine at the end of the previous tax year	5A			
Additional deduction for gifts of medicine expired after five tax years*	639			
Additional deduction for gifts of medicine at the beginning of the current tax year (amount 5A **minus** line 639)	640			
Additional deduction for gifts of medicine made before March 22, 2017 transferred on an amalgamation or the wind-up of a subsidiary	650			
Additional deduction for gifts of medicine made before March 22, 2017:				
Proceeds of disposition	602			
Cost of gifts of medicine made before March 22, 2017	601			
Subtotal (line 602 **minus** line 601)	5B			
Amount 5B **multiplied** by 50 %	5C			
Eligible amount of gifts	600			

Federal

a ________ x (b ________ / c) = Additional deduction for gifts of medicine made before March 22, 2017 . . . . **610** ________

Québec

a ________ x (b ________ / c) = Additional deduction for gifts of medicine made before March 22, 2017 . . . . ________

Alberta

a ________ x (b ________ / c) = Additional deduction for gifts of medicine made before March 22, 2017 . . . . ________

where:
a is the **lesser** of line 601 and amount 5C
b is the eligible amount of gifts (line 600)
c is the proceeds of disposition (line 602)

	Line	Federal	Québec	Alberta
Subtotal (line 650 **plus** line 610)	5D			
Subtotal (line 640 **plus** amount 5D)	5E			
Adjustment for an acquisition of control	655			
Amount applied in the current year against taxable income Enter on line 315 of the T2 return	660			
Subtotal (line 655 **plus** line 660)	5F			
Additional deduction for gifts of medicine closing balance (amount 5E **minus** amount 5F)	680			

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 19, 2007, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amounts carried forward – Additional deduction for gifts of medicine

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts included on line *6th prior year* expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 19, 2007, that are included on line *6th prior year* and donations and gifts that are included on line *21st prior year* expire automatically in the current tax year.

Québec – Gifts of musical instruments

Gifts of musical instruments at the end of the previous tax year		A
Deduct: Gifts of musical instruments expired after twenty tax years		B
Gifts of musical instruments at the beginning of the tax year		C
Add:		
Gifts of musical instruments transferred on an amalgamation or the wind-up of a subsidiary		D
Total current-year gifts of musical instruments		E
Subtotal (line D **plus** line E)		F
Deduct: Adjustment for an acquisition of control		G
Total gifts of musical instruments available		H
Deduct: Amount applied against taxable income (enter this amount on line 255 of form CO-17)		I
Gifts of musical instruments closing balance		J

Amounts carried forward – Gifts of musical instruments

Year of origin:		Québec
1st prior year	2016-12-31	
2nd prior year	2015-12-31	
3rd prior year	2014-12-31	
4th prior year	2013-12-31	
5th prior year	2012-12-31	
6th prior year*	2011-12-31	
7th prior year	2010-12-31	
8th prior year	2009-12-31	
9th prior year	2008-12-31	
10th prior year	2007-12-31	
11th prior year	2006-12-31	
12th prior year	2005-12-31	
13th prior year	2004-12-31	
14th prior year	2003-12-31	
15th prior year	2002-12-31	
16th prior year	2001-12-31	
17th prior year	2001-09-30	
18th prior year	2000-09-30	
19th prior year	1999-09-30	
20th prior year	1998-09-30	
21st prior year*	1997-09-30	
Total		

* These gifts expired in the current year.

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Schedule 3

Dividends Received, Taxable Dividends Paid, and Part IV Tax Calculations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Corporations must use this schedule to report:
  - non-taxable dividends under section 83;
  - deductible dividends under subsection 138(6);
  - taxable dividends deductible from income under section 112, subsection 113(2) and paragraphs 113(1)(a),(a.1), (b) or (d); or
  - taxable dividends paid in the tax year that qualify for a dividend refund.
- All legislative references are to the federal *Income Tax Act*.
- The calculations in this schedule apply only to private or subject corporations.
- A recipient corporation is **connected** with a payer corporation at any time in a tax year, if at that time the recipient corporation:
  - controls the payer corporation, other than because of a right referred to in paragraph 251(5)(b); or
  - owns more than 10% of the issued share capital (with full voting rights), and shares that have a fair market value of more than 10% of the fair market value of all shares of the payer corporation.
- If you need more space, continue on a separate schedule.
- File one completed copy of this schedule with your *T2 Corporation Income Tax Return*.
- Column A1 – Enter "X" if dividends received from a foreign source.
- Column F1 – Enter the amount of dividends received reported in column 240 that are eligible.
- Column F2 – Enter the code that applies to the deductible taxable dividend.

Part 1 – Dividends received in the tax year

- Do **not** include dividends received from foreign non-affiliates.
- Complete columns B, C, D, H and I **only if** the payer corporation is **connected.**

Important instructions to follow if the payer corporation is connected

- If your corporation's tax year-end is different than that of the **connected** payer corporation, dividends could have been received from more than one tax year of the payer corporation. If so, **use a separate line** to provide the information according to each tax year of the payer corporation.
- When completing column J and K use the **special calculations provided in the notes**.

	A Name of payer corporation (from which the corporation received the dividend) 200	A1	B Enter 1 if payer corporation is **connected** 205	C Business Number of **connected** corporation 210	D Tax year-end of the payer corporation in which the sections 112/113 and subsection 138(6) dividends in column F were paid YYYY/MM/DD 220	E Non-taxable dividends under section 83 230
1			1			
					Total of column E (enter amount on line 402 of Schedule 1)	

	F Taxable dividends deductible from taxable income under section 112, subsections 113(2) and 138(6), and paragraphs 113(1)(a), (a.1),(b), or (d)[note 1] 240	F1 Eligible dividends (included in column F)	F2	G Dividends included in column F that was received **before** 2016 241	H Total taxable dividends paid by **connected** payer corporation (for tax year in column D) 250	I Dividend refund of the **connected** payer corporation (for tax year in column D)[note 2] 260	J Part IV tax before deductions. Dividends (from column G) received **before** 2016 **multiplied** by 33 1/3%[note 3] 270	K Part IV tax before deductions. Dividends received **after** 2015 (column F **minus** column G) **multiplied** by 38 1/3%[note 4] 275
1								
	Total of column F (include this amount on line 320 of the T2 Return)						**Total of column J** (enter amount on line a in Part 2)	**Total of column K** (enter amount on line b in Part 2)

1 If taxable dividends are received, enter the amount in column 240, but if the corporation is not subject to Part IV tax (such as a public corporation other than a subject corporation as defined in subsection 186(3)), enter "0" in column 270 or column 275 as applicable according to the date received. Life insurers are not subject to Part IV tax on subsection 138(6) dividends.

2 If the connected payer corporation's tax year ends after the corporation's balance-due day for the tax year (two or three months, as applicable), you have to estimate the payer's dividend refund when you calculate the corporation's Part IV tax payable.

3 For dividends received **before** 2016 from **connected** corporations, Part IV tax on dividends is equal to: column G **multiplied** by column I **divided** by column H.

4 For dividends received **after** 2015 from **connected** corporations, Part IV tax on dividends is equal to: column I **divided** by column H **multiplied** by the result of column F **minus** column G.

Part 2 – Calculation of Part IV tax payable

Part IV tax on dividends received **before** 2016, before deductions (total of column J in part 1) ...... ________ a

Part IV tax on dividends received **after** 2015, before deductions (total of column K in part 1) .... ________ b

Part IV tax before deductions (amount a **plus** amount b) .... ________ ▶ ________ L

Deduct:

Part IV.I tax payable on dividends subject to Part IV tax (from line 360 of Schedule 43) .... **320** ________

Subtotal (amount L **minus** line 320) ________ M

Deduct:

Current-year non-capital loss claimed to reduce Part IV tax .... **330** ________ c

Non-capital losses from previous years claimed to reduce Part IV tax .... **335** ________ d

Current-year farm loss claimed to reduce Part IV tax .... **340** ________ e

Farm losses from previous years claimed to reduce Part IV tax .... **345** ________ f

Total losses applied against Part IV tax (total of amounts c to f) ________ g

If your tax year begins after December 31, 2015:

Amount g **multiplied** by 38 1 / 3 % .... ________ h

If your tax year begins before January 1, 2016:

Amount b or M whichever is less

________ ÷ 38 1 / 3 % ... = ________ 1

Amount 1 or g, whichever is less .... ________ 2

Amount g **minus** amount 2 .... ________ 3

Amount 2 ________ x 38 1 / 3 % = ________ i

Amount 3 ________ x 33 1 / 3 % = ________ j

Subtotal (amount i **plus** amount j) ________ k

Amount h or amount k, whichever applies depending on your tax year start date .... ________ N

Part IV tax payable (amount M **minus** amount N, if negative enter "0") .... **360** ________
(enter amount on line 712 of the T2 return)

Part 3 – Taxable dividends paid in the tax year that qualify for a dividend refund

If your corporation's tax year-end is different than that of the connected recipient corporation, your corporation could have paid dividends in more than one tax year of the recipient corporation. If so, use a separate line to provide the information according to each tax year of the recipient corporation.

	O Name of connected recipient corporation 400	P Business Number 410	Q Tax year-end of connected recipient corporation in which the dividends in column R were received YYYY/MM/DD 420	R Taxable dividends paid to connected corporations 430	R1 Eligible dividends (included in column R)
1	Hydro Ottawa Holding Inc.	89411 0816 RC0001	2017-12-31	20,600,000	
2					

Total of column R 20,600,000

Total taxable dividends paid in the tax year to other than connected corporations . . . . . 450 ______

Eligible dividends (included in line 450) . . . . . 450a ______

Total taxable dividends paid in the tax year that qualify for a dividend refund
(total of column R **plus** line 450) 460 20,600,000

Part 4 – Total dividends paid in the tax year

Complete this part if the total taxable dividends paid in the tax year that qualify for a dividend refund (line 460) is different from the total dividends paid in the tax year.

Total taxable dividends paid in the tax year for the purposes of a dividend refund (from above) 20,600,000

Other dividends paid in the tax year (total of 510 to 540) . . . . . ______

Total dividends paid in the tax year 500 20,600,000

Deduct:

Dividends paid out of capital dividend account . . . . . 510 ______

Capital gains dividends . . . . . 520 ______

Dividends paid on shares described in subsection 129(1.2) . . . . . 530 ______

Taxable dividends paid to a controlling corporation that was bankrupt at any time in the year . . . . . 540 ______

Subtotal (total of lines 510 to 540) ______ ► ______ S

Total taxable dividends paid in the tax year that qualify for a dividend refund (Line 500 **minus** amount S) 20,600,000 T

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Schedule 5

Tax Calculation Supplementary – Corporations

Corporation's name	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule if, during the tax year, your corporation:
  - had a permanent establishment in more than one jurisdiction (corporations that have no taxable income should only complete columns A, B and D in Part 1);
  - is claiming provincial or territorial tax credits or rebates (see Part 2); or
  - has to pay taxes, other than income tax, for Newfoundland and Labrador, or Ontario (see Part 2).
- All legislative references to the *Income Tax Regulations*.
- For more information, see the *T2 Corporation – Income Tax Guide*.
- Enter the regulation number in field 100 of Part 1.

Part 1 – Allocation of taxable income

100 ______ Enter the Regulation that applies (402 to 413).

A Jurisdiction Tick yes if the corporation had a permanent establishment in the jurisdiction during the tax year.*		B Total salaries and wages paid in jurisdiction	C (B x taxable income) / G	D Gross revenue	E (D x taxable income) / H	F Allocation of taxable income (C + E) x 1/2** (where either G or H is nil, do not multiply by 1/2)
Newfoundland and Labrador	003 1 Yes ☐	103		143		
Newfoundland and Labrador Offshore	004 1 Yes ☐	104		144		
Prince Edward Island	005 1 Yes ☐	105		145		
Nova Scotia	007 1 Yes ☐	107		147		
Nova Scotia Offshore	008 1 Yes ☐	108		148		
New Brunswick	009 1 Yes ☐	109		149		
Quebec	011 1 Yes ☐	111		151		
Ontario	013 1 Yes ☐	113		153		
Manitoba	015 1 Yes ☐	115		155		
Saskatchewan	017 1 Yes ☐	117		157		
Alberta	019 1 Yes ☐	119		159		
British Columbia	021 1 Yes ☐	121		161		
Yukon	023 1 Yes ☐	123		163		
Northwest Territories	025 1 Yes ☐	125		165		
Nunavut	026 1 Yes ☐	126		166		
Outside Canada	027 1 Yes ☐	127		167		
Total		129 G		169 H		

* "Permanent establishment" is defined in subsection 400(2).
** For corporations other than those described under section 402, use the appropriate calculation described in the Regulations to allocate taxable income.

Notes:
1. After determining the allocation of taxable income, you have to calculate the corporation's provincial or territorial tax payable. For more information on how to calculate the tax for each province or territory, see the instructions for Schedule 5 in the *T2 Corporation – Income Tax Guide*.
2. If the corporation has provincial or territorial tax payable, complete Part 2.
3. If the corporation is a member of a partnership and the partnership had a permanent establishment in a jurisdiction, select the jurisdiction in Column A and include your proportionate share of the partnership's salaries and wages and gross revenue in columns B and D, respectively.

Part 2 – Ontario tax payable, tax credits, and rebates

Total taxable income	Income eligible for small business deduction	Provincial or territorial allocation of taxable income	Provincial or territorial tax payable before credits
16,157,263		16,157,263	1,858,085

	Line	Amount		Amount	
Ontario basic income tax (from Schedule 500)	270	1,858,085			
Ontario small business deduction (from Schedule 500)	402				
Subtotal (line 270 **minus** line 402)		1,858,085	►	1,858,085	5A
Ontario additional tax re Crown royalties (from Schedule 504)	274				
Ontario transitional tax debits (from Schedule 506)	276				
Recapture of Ontario research and development tax credit (from Schedule 508)	277				
Subtotal (total of lines 274 to 277)			►		5B
Gross Ontario tax (amount 5A **plus** amount 5B)				1,858,085	5C
Ontario resource tax credit (from Schedule 504)	404				
Ontario tax credit for manufacturing and processing (from Schedule 502)	406				
Ontario foreign tax credit (from Schedule 21)	408				
Ontario credit union tax reduction (from Schedule 500)	410				
Ontario political contributions tax credit (from Schedule 525)	415				
Ontario non-refundable tax credits (total of lines 404 to 415)			►		5D
Subtotal (amount 5C **minus** amount 5D) (if negative, enter "0")				1,858,085	5E
Ontario research and development tax credit (from Schedule 508)	416				
Ontario corporate income tax payable before Ontario corporate minimum tax credit and Ontario community food program donation tax credit for farmers (amount 5E **minus** line 416) (if negative, enter "0")				1,858,085	5F
Ontario corporate minimum tax credit (from Schedule 510)	418			470,086	
Ontario community food program donation tax credit for farmers (from Schedule 2)	420				
Ontario corporate income tax payable (amount 5F **minus** the total of lines 418 and 420) (if negative enter "0")				1,387,999	5G
Ontario corporate minimum tax (from Schedule 510)	278				
Ontario special additional tax on life insurance corporations (from Schedule 512)	280				
Subtotal (line 278 **plus** line 280)			►		5H
Total Ontario tax payable before refundable tax credits (amount 5G **plus** amount 5H)				1,387,999	5I
Ontario qualifying environmental trust tax credit	450				
Ontario co-operative education tax credit (from Schedule 550)	452	58,614			
Ontario apprenticeship training tax credit (from Schedule 552)	454	124,482			
Ontario computer animation and special effects tax credit (from Schedule 554)	456				
Ontario film and television tax credit (from Schedule 556)	458				
Ontario production services tax credit (from Schedule 558)	460				
Ontario interactive digital media tax credit (from Schedule 560)	462				
Ontario sound recording tax credit (from Schedule 562)	464				
Ontario book publishing tax credit (from Schedule 564)	466				
Ontario innovation tax credit (from Schedule 566)	468				
Ontario business-research institute tax credit (from Schedule 568)	470				
Ontario refundable tax credits (total of lines 450 to 470)		183,096	►	183,096	5J
Net Ontario tax payable or refundable tax credit (amount 5I **minus** amount 5J) (if a credit, enter a negative amount) Include this amount on line 255.	290			1,204,903	

Summary

Enter the total net tax payable or refundable tax credits for all provinces and territories on line 255.

Net provincial and territorial tax payable or refundable tax credits 255 1,204,903

If the amount on line 255 is positive, enter the net provincial and territorial tax payable on line 760 of the T2 return.
If the amount on line 255 is negative, enter the net provincial and territorial refundable tax credits on line 812 of the T2 return.

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Schedule 8

Capital Cost Allowance (CCA)

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

For more information, see the section called "Capital Cost Allowance" in the *T2 Corporation Income Tax Guide*.

Is the corporation electing under *Regulation* 1101(5q)? **101** Yes ☐ No ☒

	1 Class number * **200**	Description	2 Undepreciated capital cost at the beginning of the year (amount from column 12 of last year's schedule 8) **201**	3 Cost of acquisitions during the year (new property must be available for use) (see note 1 below) **203**	4 Adjustments and transfers (see note 2 below) **205**	5 Proceeds of dispositions during the year (amount not to exceed the capital cost) **207**	6 50% rule (1/2 of the amount, if any, by which the net cost of acquisitions exceeds column 5) (see note3 below) **211**	7 Reduced undepreciated capital cost (column 2 **plus** column 3 **plus** or **minus** column 4 **minus** column 5 **minus** column 6)	8 CCA rate % (see note 4 below) **212**	9 Recapture of capital cost allowance (line 107 of Schedule 1) (see note 5 below) **213**	10 Terminal loss (line 404 of Schedule 1) **215**	11 Capital cost allowance (for declining balance method, column 7 **multiplied** by column 8, or a lower amount) (line 403 of Schedule 1) (see note 6 below) **217**	12 Undepreciated capital cost at the end of the year (column 6 **plus** column 7 **minus** column 11) **220**
1.	1		178,903,969			0		178,903,969	4	0	0	7,156,159	171,747,810
2.	1b		23,066,803	1,203,438		0	601,719	23,668,522	6	0	0	1,420,111	22,850,130
3.	2	Dist equip pre 88	56,109,134			0		56,109,134	6	0	0	3,366,548	52,742,586
4.	3	buildings pre 88	8,730,589			0		8,730,589	5	0	0	436,529	8,294,060
5.	8		10,186,587	6,263,623		0	3,131,812	13,318,398	20	0	0	2,663,680	13,786,530
6.	10		4,564,341	1,311,557		13,228	649,165	5,213,505	30	0	0	1,564,052	4,298,618
7.	12		1,033,605	13,839,657		0	6,919,829	7,953,433	100	0	0	7,953,433	6,919,829
8.	42		287,834	818,064		0	409,032	696,866	12	0	0	83,624	1,022,274
9.	43.2	SOLAR ASSETS	21,393			0		21,393	50	0	0	10,697	10,696
10.	45		7,907			0		7,907	45	0	0	3,558	4,349
11.	47		449,183,954	70,656,763		100,218	35,278,273	484,462,226	8	0	0	38,756,978	480,983,521
12.	50		1,366,565	717,569		0	358,785	1,725,349	55	0	0	948,942	1,135,192
13.	14.1	Pre 2017 ECE	12,465,009			0		12,465,009	5	0	0	872,550	11,592,459
14.	14.1	Land Rights / Line connection		613,016		0	306,508	306,508	5	0	0	15,325	597,691
		Totals	745,927,690	95,423,687		113,446	47,655,123	793,582,808				65,252,186	775,985,745

* Class numbers followed by a letter indicate the basic rate of the class taking into account the additional deduction allowed.
Class 1a: 4% + 6% = 10% (class 1 to 10%), class 1b: 4% + 2% = 6% (class 1 to 6%).

Note 1. Include any property acquired in previous years that has now become available for use. This property would have been previously excluded from column 3. List separately any acquisitions that are not subject to the 50% rule, see *Regulation* 1100(2) and (2.2).

Note 2. Enter in column 4, "Adjustments and transfers", amounts that increase or reduce the undepreciated capital cost.
Items that **increase** the undepreciated capital cost include amounts transferred under section 85, or transferred on amalgamation or winding-up of a subsidiary. Items that **reduce** the undepreciated capital cost include government assistance received or entitled to be received in the year, or a reduction of capital cost after the application of section 80. See the *T2 Corporation Income Tax Guide* for other examples of adjustments and transfers to include in column 4.

Note 3. The net cost of acquisitions is the cost of acquisitions (column 3) **plus** or **minus** certain adjustments and transfers from column 4. For information on the exceptions to the 50% rule, as well as how to calculate the amounts to enter in column 6 in those cases, see Interpretation Bulletin IT-285, *Capital Cost Allowance - General Comments*.

Note 4. Enter a rate only if you are using the declining balance method. For any other method (for example the straight-line method, where calculations are always based on the cost of acquisitions), enter N/A. Then enter the amount you are claiming in column 11.

Note 5. For every entry in column 9, "Recapture of capital cost allowance", there must be a corresponding entry in column 5, "Proceeds of dispositions during the year". The recapture and terminal loss rules do not apply to passenger vehicles in Class 10.1.

Note 6. If the tax year is shorter than 365 days, prorate the CCA claim. Some classes of property do not have to be prorated. See the *T2 Corporation Income Tax Guide* for more information.

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Canada

Fixed Assets Reconciliation

Reconciliation of change in fixed assets per financial statements to amounts used per tax return.

Tax return

Additions for tax purposes – Schedule 8 regular classes		95,423,687		
Additions for tax purposes – Schedule 8 leasehold improvements	+			
Operating leases capitalized for book purposes	+			
Capital gain deferred	+			
Recapture deferred	+			
Deductible expenses capitalized for book purposes – Schedule 1	+			
Other (specify):				
Increase in CIP from 2016 to 2017	+	21,193,718		
IBM capital lease	+	875,707		
AFUDC	+	1,597,905		
Land	+	207,837		
Rounding	+	-2,542		
Total additions per books	=	119,296,312	▶	119,296,312
Proceeds up to original cost – Schedule 8 regular classes		113,446		
Proceeds up to original cost – Schedule 8 leasehold improvements	+			
Proceeds in excess of original cost – capital gain	+			
Recapture deferred – as above	+			
Capital gain deferred – as above	+			
Pre V-day appreciation	+			
Other (specify):				
	+			
Total proceeds per books	=	113,446	▶ –	113,446
Depreciation and amortization per accounts – Schedule 1			–	41,793,000
Loss on disposal of fixed assets per accounts			–	1,583,866
Gain on disposal of fixed assets per accounts			+	
Net change per tax return			=	75,806,000

Financial statements

Fixed assets (excluding land) per financial statements

Closing net book value		943,083,000
Opening net book value	–	867,277,000
Net change per financial statements	=	75,806,000

If the amounts from the tax return and the financial statements differ, explain why below.

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SCHEDULE 9

RELATED AND ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Complete this schedule if the corporation is related to or associated with at least one other corporation.
- For more information, see the *T2 Corporation Income Tax Guide*.

	Name 100	Country of residence (other than Canada) 200	Business number (see note 1) 300	Relationship code (see note 2) 400	Number of common shares you own 500	% of common shares you own 550	Number of preferred shares you own 600	% of preferred shares you own 650	Book value of capital stock 700
1.	Hydro Ottawa Holding Inc./Societe I		89411 0816 RC0001	1					
2.	Energy Ottawa Inc./Energie Ottawa		86338 9961 RC0001	3					
3.	Telecom Ottawa Holding Inc. / Soci		86202 9337 RC0001	3					
4.	PowerTrail Inc.		82829 3944 RC0001	3					
5.	Moose Creek Energy Inc.		82851 1311 RC0001	3					
6.	Chaudiere Hydro Inc. Hydro Chaudi		81281 3103 RC0001	3					
7.	Chaudiere Water Power Inc/Energie		10093 1955 RC0001	3					
8.	2425932 ONTARIO INC.		80053 3846 RC0001	3					
9.	CHAUDIERE HYDRO NORTH INC.		79821 6321 RC0001	3					
10.	EO GENERATION GP INC.		83966 8308 RC0001	3					
11.	THE GANANOQUE WATER POWER (		10521 4068 RC0001	3					
12.	SOLARTRAIL GP INC.		81087 4164 RC0001	3					
13.	EONY GENERATION HOLDING INC.	US	NR	3					
14.	EONY GENERATION LIMITED	US	NR	3					
15.	9927891 CANADA INC.		74962 8699 RC0001	3					
16.	CPS CURRENT POWER SERVICES (2		78232 7522 RC0001	3					
17.	ENERGY OTTAWA CABLE TESTING		74276 6892 RC0001	3					
18.	HULL ENERGY GP INC.		74882 0321 RC0001	3					
19.	Smart City Lighting Inc.		79280 8719 RC0001	3					

Note 1: Enter "NR" if the corporation is not registered or does not have a business number.
Note 2: Enter the code number of the relationship that applies from the following order: 1 - Parent 2 - Subsidiary 3 - Associated 4 - Related but not associated

T2 SCH 9 (11)

Canada

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SCHEDULE 13

CONTINUITY OF RESERVES

Name of corporation	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- For use by corporations to provide a continuity of all reserves claimed which are allowed for tax purposes.
- File one completed copy of this schedule with the corporation's *T2 Corporation Income Tax Return*.
- For more information, see the *T2 Corporation Income Tax Guide*.

Part 1 – Capital gains reserves

	Description of property 001	Balance at the beginning of the year $ 002	Transfer on an amalgamation or the wind-up of a subsidiary $ 003	Add $	Deduct $	Balance at the end of the year $ 004
1						
	Totals	008	009			010

The amount from line 008 **plus** the amount from line 009 should be entered on line 880 of Schedule 6, *Summary of Dispositions of Capital Property*. The amount from line 010 should be entered on line 885 of Schedule 6.

Part 2 – Other reserves

Description		Balance at the beginning of the year $	Transfer on an amalgamation or the wind-up of a subsidiary $	Add $	Deduct $	Balance at the end of the year $
Reserve for doubtful debts	X	110 1,721,271	115	649,703		120 2,370,974
Reserve for undelivered goods and services not rendered	☐	130	135			140
Reserve for prepaid rent	☐	150	155			160
Reserve for refundable containers . .	☐	190	195			200
Reserve for unpaid amounts	☐	210	215			220
Other tax reserves	☐	230	235			240
Totals		270 1,721,271	275	649,703		280 2,370,974

Enter "X" in the column above if the tax reserve has also been reported on the corporation's financial statements. This allows offsetting entries on Schedule 1, resulting in a zero effect on net income for tax purposes.

The amount from line 270 **plus** the amount from line 275 should be entered on line 125 of Schedule 1, *Net Income (Loss) for Income Tax Purposes*, as an addition. The amount from line 280 should be entered on line 413 of Schedule 1 as a deduction.

Continuity of financial statement reserves (not deductible)

Financial statement reserves (not deductible)

	Description	Balance at the beginning of the year	Transfer on an amalgamation or the wind-up of a subsidiary	Add	Deduct	Balance at the end of the year
1	Allowance for Doubtful Debts					
2	Contingent Liability	1,682,349			869,479	812,870
3						
	Reserves from Part 2 of Schedule 13	1,721,271		649,703		2,370,974
	Totals	3,403,620		649,703	869,479	3,183,844

The total opening balance plus the total transfers should be entered on line 414 of Schedule 1 as a deduction.
The total closing balance should be entered on line 126 of Schedule 1 as an addition.

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Schedule 15

Deferred Income Plans

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Complete the information below if the corporation deducted payments from its income made to a registered pension plan (RPP), a registered supplementary unemployment benefit plan (RSUBP), a deferred profit sharing plan (DPSP), a pooled registered pension plan (PRPP), or an employee profit sharing plan (EPSP).
- If the trust that governs an employee profit sharing plan is **not resident** in Canada, please indicate if the T4PS, *Statement of Employees Profit Sharing Plan Allocations and Payments*, Supplementary slip(s) were filed for the last calendar year, and whether they were filed by the trustee or the employer.

	Type of plan (see note 1) 100	Amount of contribution $ (see note 2) 200	Registration number (RPP, RSUBP, PRPP, and DPSP only) 300	Name of EPSP trust 400	Address of EPSP trust 500	T4PS slip(s) (see note 3) 600
1	1	5,689,325	345983			

Note 1

Enter the applicable code number:

1 – RPP
2 – RSUBP
3 – DPSP
4 – EPSP
5 – PRPP

Note 2

You do not need to add to Schedule 1 any payments you made to deferred income plans.
To reconcile such payments, calculate the following amount:

Total of all amounts indicated in column 200 of this schedule	5,689,325	A
Less:		
Total of all amounts for deferred income plans deducted in your financial statements	5,689,325	B
Deductible amount for contributions to deferred income plans (amount A **minus** amount B) (if negative, enter "0")		C

Enter amount C on line 417 of Schedule 1

Note 3

T4PS slip(s) filed by: 1 – Trustee
2 – Employer (EPSP only)

T2 SCH 15 (13)

Canada

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Schedule 23

Agreement Among Associated Canadian-Controlled Private Corporations to Allocate the Business Limit

- For use by a Canadian-controlled private corporation (CCPC) to identify all associated corporations and to assign a percentage for each associated corporation. This percentage will be used to allocate the business limit for purposes of the small business deduction. Information from this schedule will also be used to determine the date the balance of tax is due and to calculate the reduction to the business limit.
- An associated CCPC that has more than one tax year ending in a calendar year, is required to file an agreement for each tax year ending in that calendar year.

Column 1: Enter the legal name of each of the corporations in the associated group. Include non-CCPCs and CCPCs that have filed an election under subsection 256(2) of the *Income Tax Act* not to be associated for purposes of the small business deduction.

Column 2: Provide the business number for each corporation (if a corporation is not registered, enter "NR").

Column 3: Enter the association code from the list below that applies to each corporation:

1 – Associated for purposes of allocating the business limit (unless code 5 applies)
2 – CCPC that is a "third corporation" that has elected under subsection 256(2) not to be associated for purposes of the small business deduction
3 – Non-CCPC that is a "third corporation" as defined in subsection 256(2)
4 – Associated non-CCPC
5 – Associated CCPC to which code 1 does not apply because of a subsection 256(2) election made by a "third corporation"

Column 4: Enter the business limit for the year of each corporation in the associated group.

Column 5: Assign a percentage to allocate the business limit to each corporation that has an association code 1 in column 3. The total of all percentages in column 5 cannot exceed 100%.

Column 6: Enter the business limit allocated to each corporation by multiplying the amount in column 4 by the percentage in column 5. Add all business limits allocated in column 6 and enter the total at line A.

Ensure that the total at line A does not exceed $500,000.

Allocating the business limit

Date filed (do not use this area) . . . . **025** Year Month Day

Enter the calendar year to which the agreement applies . . . . **050** Year 2017

Is this an amended agreement for the above calendar year that is intended to replace an agreement previously filed by any of the associated corporations listed below? . . . . **075** 1 Yes [ ] 2 No [X]

	1 Names of associated corporations **100**	2 Business number of associated corporations **200**	3 Association code **300**	4 Business limit for the year before the allocation $	5 Percentage of the business limit % **350**	6 Business limit allocated* $ **400**
1	Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	1	500,000	100.0000	500,000
2	Hydro Ottawa Holding Inc./Societe De Portefeu	89411 0816 RC0001	1	500,000		
3	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	1	500,000		
4	Telecom Ottawa Holding Inc. / Societe De Port	86202 9337 RC0001	1	500,000		
5	PowerTrail Inc.	82829 3944 RC0001	1	500,000		
6	Moose Creek Energy Inc.	82851 1311 RC0001	1	500,000		
7	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	1	500,000		
8	Chaudiere Water Power Inc/Energie Hydrauliqu	10093 1955 RC0001	1	500,000		
9	2425932 ONTARIO INC.	80053 3846 RC0001	1	500,000		
10	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	1	500,000		
11	EO GENERATION GP INC.	83966 8308 RC0001	1	500,000		
12	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	1	500,000		
13	SOLARTRAIL GP INC.	81087 4164 RC0001	1	500,000		
14	EONY GENERATION HOLDING INC.	NR	4			
15	EONY GENERATION LIMITED	NR	4			
16	9927891 CANADA INC.	74962 8699 RC0001	1	500,000		
17	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	1	500,000		
18	ENERGY OTTAWA CABLE TESTING SERVICES I	74276 6892 RC0001	1	500,000		

	1 Names of associated corporations 100	2 Business number of associated corporations 200	3 Asso-ciation code 300	4 Business limit for the year before the allocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400	
19	HULL ENERGY GP INC.	74882 0321 RC0001	1	500,000			
20	Smart City Lighting Inc.	79280 8719 RC0001	5				
				Total	100.0000	500,000	A

Business limit reduction under subsection 125(5.1) of the Act

The business limit reduction is calculated in the small business deduction area of the T2 return. One of the factors used in this calculation is the "large corporation amount" at line 415 of the T2 return. The amount at line 415 is determined using the formula 0.225% x (D - $10,000,000). Details of this formula and variable D are in subsection 125(5.1) of the Act.

* Each corporation will enter on line 410 of the T2 return, the amount allocated to it in column 6. However, if the corporation's tax year is less than 51 weeks, prorate the amount in column 6 by the number of days in the tax year divided by 365, and enter the result on line 410 of the T2 return.

Special rules for business limit

Special rules apply under subsection 125(5) if a CCPC has more than one tax year ending in the same calendar year and it is associated in more than one of those tax years with another CCPC that has a tax year ending in that calendar year. The business limit for the second or later tax year will be equal to the business limit determined for the first tax year ending in the calendar year or the business limit determined for the second or later tax year ending in the same calendar year, whichever is less.

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Schedule 31

Investment Tax Credit – Corporations

General information

- Use this schedule:
  - to calculate an investment tax credit (ITC) earned during the tax year;
  - to claim a deduction against Part I tax payable;
  - to claim a refund of credit earned during the current tax year;
  - to claim a carryforward of credit from previous tax years;
  - to transfer a credit following an amalgamation or the wind-up of a subsidiary, as described under subsections 87(1) and 88(1);
  - to request a credit carryback to one or more previous years;
  - if you are subject to a recapture of ITC; or
  - if you are claiming:
    - the **Ontario Research and Development Tax Credit**;
    - the **Ontario Innovation Tax Credit.**
- Unless otherwise stated, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- The ITC is eligible for a three-year carryback (if not deductible in the year earned). It is also eligible for a twenty-year carryforward.
- Investments or expenditures, described in subsection 127(9) and Regulation Part XLVI, that earn an ITC are:
  - qualified property and qualified resource property (Parts 4 to 7 of this schedule);
  - qualified scientific research and experimental development (SR&ED) expenditures (Parts 8 to 17). File Form T661, *Scientific Research and Experimental Development (SR&ED) Expenditures Claim*;
  - pre-production mining expenditures (Parts 18 to 20);
  - apprenticeship job creation expenditures (Parts 21 to 23); and
  - child care spaces expenditures (Parts 24 to 28).
    - Expenditures related to child care spaces incurred after March 21, 2017 no longer qualify for the investment tax credit. If you entered into a written agreement before March 22, 2017, eligible expenditures incurred before 2020 will remain eligible for the credit.
- File this schedule with the *T2 Corporation Income Tax Return*. If you need more space, attach additional schedules.
- For more information on ITCs, see "Investment Tax Credit" in Guide T4012, *T2 Corporation – Income Tax Guide* and read Information Circular IC78-4, *Investment Tax Credit Rates*, and its related Special Release.
- For more information on SR&ED, see guide T4088, *Guide to Form T661 – Scientific Research and Experimental Development (SR&ED) Expenditures Claim*.

Detailed information

- For the purpose of this schedule, **investment** means the capital cost of the property (excluding amounts added by an election under section 21), determined without reference to subsections 13(7.1) and 13(7.4), minus the amount of any government or non-government assistance that the corporation has received, is entitled to receive, or can reasonably be expected to receive for that property when it files the income tax return for the year in which the property was acquired.
- An ITC deducted or refunded in a tax year for a depreciable property, other than a depreciable property deductible under paragraph 37(1)(b), reduces both the capital cost of that property and the undepreciated capital cost of that class in the next tax year. An ITC for SR&ED deducted or refunded in a tax year will reduce the balance in the pool of deductible SR&ED expenditures and the adjusted cost base (ACB) of an interest in a partnership in the next tax year. An ITC from pre-production mining expenditures deducted in a tax year reduces the balance in the pool of deductible cumulative Canadian exploration expenses in the next tax year.
- Property acquired has to be **available for use** before a claim for an ITC can be made. See subsections 127(11.2) and 248(19) for more information.
- Expenditures for SR&ED and capital costs for a property qualifying for an ITC must be identified by the claimant on Form T661 and Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Expenditures for pre-production mining, apprenticeship, or child care space for an ITC must be identified by the claimant on Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Partnership allocations – Subsection 127(8) provides for the allocation of the amount that may reasonably be considered to be a partner's share of the ITCs of the partnership at the end of the fiscal period of the partnership. An allocation of ITCs is generally considered to be the partner's reasonable share of the ITCs if it is made in the same proportion in which the partners have agreed to share any income or loss and if section 103 is not applicable for the agreement to share any income or loss. Special rules apply to specified members of a partnership and limited partners. For more information, see Guide T4068, *Guide for the Partnership Information Return*.
- For tax purposes, Canada includes the **exclusive economic zone of Canada** as defined in the *Oceans Act* (which generally consists of an area of the sea that is within 200 nautical miles from the Canadian coastline), including the airspace, seabed and subsoil of that zone.
- For the purpose of this schedule, the expression **Atlantic Canada** includes the Gaspé Peninsula and the provinces of Newfoundland and Labrador, Prince Edward Island, Nova Scotia, and New Brunswick, as well as their respective offshore regions (prescribed in Regulation 4609).
- For the purpose of this schedule, **qualified property** means property in Atlantic Canada that is used primarily for manufacturing and processing, farming or fishing, logging, storing grain, or harvesting peat. Property in Atlantic Canada that is used primarily for oil and gas, and mining activities is considered qualified property only if acquired by the taxpayer **before** March 29, 2012. Qualified property includes new buildings and new machinery and equipment (prescribed in Regulation 4600), and if acquired by the taxpayer **after** March 28, 2012, new energy generation and conservation property (prescribed in Regulation 4600). Qualified property can also be used primarily to produce or process electrical energy or steam in a prescribed area (as described in Regulation 4610). See the definition of **qualified property** in subsection 127(9) for more information.

Detailed information (continued)

- For the purpose of this schedule, **qualified resource property** means property in Atlantic Canada that is used primarily for oil and gas, and mining activities, if acquired by the taxpayer **after** March 28, 2012, and **before** January 1, 2016. Qualified resource property includes new buildings and new machinery and equipment (prescribed in Regulation 4600). See the definition of **qualified resource property** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining exploration expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to determine the existence, location, extent, or quality of certain mineral resources in Canada, excluding expenses incurred in the exploration of an oil or gas well. See subparagraph (a)(i) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining development expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to bring a new mineral resource mine in Canada into production, excluding expenses in the development of a bituminous sands deposit or an oil shale deposit. See subparagraph (a)(ii) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.

Part 1 – Investments, expenditures, and percentages

Investments	**Specified percentage**
Qualified property acquired primarily for use in Atlantic Canada	10 %
Qualified resource property acquired primarily for use in Atlantic Canada and acquired:	
– after March 28, 2012, and before 2014	10 %
– after 2013 and before 2016	5 %
– after 2015*	0 %
Expenditures	
If you are a Canadian-controlled private corporation (CCPC), this percentage may apply to the portion that you claim of the SR&ED qualified expenditure pool that does not exceed your expenditure limit (see Part 10)	35 %
Note: If your current year's qualified expenditures are more than your expenditure limit (see Part 10), the excess is eligible for an ITC calculated at the 15 % rate.	
If you are a corporation that is not a CCPC and have incurred qualified expenditures for SR&ED in any area in Canada:	
– before 2014**	20 %
– after 2013**	15 %
If you are a taxable Canadian corporation that incurred pre-production mining expenditures before March 29, 2012	10 %
If you are a taxable Canadian corporation that incurred pre-production mining exploration expenditures:	
– after March 28, 2012, and before 2013	10 %
– in 2013	5 %
– after 2013	0 %
If you are a taxable Canadian corporation that incurred pre-production mining development expenditures***:	
– after March 28, 2012, and before 2014	10 %
– in 2014	7 %
– in 2015	4 %
– after 2015	0 %
If you paid salary and wages to apprentices in the first 24 months of their apprenticeship contract for employment	10 %
If you incurred expenditures after March 18, 2007 and before March 22, 2017 (or before 2020 if you entered into a written agreement before March 22, 2017) for the creation of licensed child care spaces for the children of your employees and, potentially, for other children	25 %

* A transitional relief rate of 10% may apply to property acquired after 2013 and before 2017, if the property is acquired under a written agreement entered into before March 29, 2012, or the property is acquired as part of a **phase** of a project where the construction or the engineering and design work for the construction started before March 29, 2012. See paragraph (a.1) of the definition of **specified percentage** in subsection 127(9) for more information.

** The reduction of the rate from 20% to 15% applies to 2014 and later tax years, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013.

*** A transitional relief rate may apply to expenditures incurred after 2013 and before 2016, if the expenditure is incurred under a written agreement entered into before March 29, 2012, or the expenditure is incurred as part of the development of a new mine where the construction or the engineering and design work for the construction of the new mine started before March 29, 2012. See subparagraphs (k)(ii) and (iii) of the definition of **specified percentage** in subsection 127(9) for more information.

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Part 2 – Determination of a qualifying corporation

Is the corporation a qualifying corporation? . . . . . **101** 1 Yes [ ] 2 No [X]

For the purpose of a refundable ITC, a **qualifying corporation** is defined under subsection 127.1(2). The corporation has to be a CCPC and its taxable income (before any loss carrybacks) for its previous tax year cannot be more than its **qualifying income limit** for the particular tax year. If the corporation is associated with any other corporations during the tax year, the total of the taxable incomes of the corporation and the associated corporations (before any loss carrybacks), for their last tax year ending in the previous calendar year, cannot be more than their qualifying income limit for the particular tax year.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered **not** associated for the calculation of a refundable ITC if:
- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of both corporations; and
- one of the corporations has at least one shareholder who is not common to both corporations.

If you are a **qualifying** corporation, you will earn a **100%** refund on your share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

Some CCPCs that are **not qualifying** corporations may also earn a **100%** refund on their share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The expenditure limit can be determined in Part 10. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

The 100% refund will not be available to a corporation that is an **excluded corporation** as defined under subsection 127.1(2). A corporation is an excluded corporation if, at any time during the year, it is a corporation that is either controlled by (directly or indirectly, in any manner whatever) or is related to:

a) one or more persons exempt from Part I tax under section 149;

b) Her Majesty in right of a province, a Canadian municipality, or any other public authority; or

c) any combination of persons referred to in a) or b) above.

* Capital expenditures incurred after December 31, 2013, including lease payments for property that would have been a capital expenditure if purchased directly, are **not** qualified SR&ED expenditures and are **not** eligible for an ITC on SR&ED expenditures.

Part 3 – Corporations in the farming industry

Complete this area if the corporation is making SR&ED contributions.

Is the corporation claiming a contribution in the current year to an agricultural organization whose goal is to finance SR&ED work (for example, check-off dues)? . . . . . **102** 1 Yes [ ] 2 No [X]

If **yes**, complete Schedule 125, *Income Statement Information*, to identify the type of farming industry the corporation is involved in.

Contributions to agricultural organizations for SR&ED* . . . . . **103** ________
Enter on line 350 of Part 8.

* Enter only contributions not already included on Form T661.
Include 80% of the contributions made **after** 2012. For contributions made **before** 2013, include all of the contributions.

Qualified Property and Qualified Resource Property

Part 4 – Eligible investments for qualified property and qualified resource property from the current tax year

Capital cost allowance class number **105**	Description of investment **110**	Date available for use **115**	Location used in Atlantic Canada (province) **120**	Amount of investment **125**

Total of investments for qualified property and qualified resource property ________ A1

Part 5 – Current-year credit and account balances – ITC from investments in qualified property and qualified resource property

ITC at the end of the previous tax year				B1
Credit deemed as a remittance of co-op corporations	210			
Credit expired	215			
Subtotal (line 210 **plus** line 215)			▶	C1
ITC at the beginning of the tax year (amount B1 **minus** amount C1)		220		
Credit transferred on an amalgamation or the wind-up of a subsidiary	230			
ITC from repayment of assistance	235			
Qualified property; and qualified resource property acquired after March 28, 2012, and before January 1, 2014* (applicable part from amount A1 in Part 4) ______ x 10 % =	240			
Qualified resource property acquired after December 31, 2013, and before January 1, 2016 (applicable part from amount A1 in Part 4) ______ x 5 % =	242			
Credit allocated from a partnership	250			
Subtotal (total of lines 230 to 250)			▶	D1
Total credit available (line 220 **plus** amount D1)				E1
Credit deducted from Part I tax	260			
Credit carried back to previous years (amount H1 in Part 6)		a		
Credit transferred to offset Part VII tax liability	280			
Subtotal (total of line 260, amount a, and line 280)			▶	F1
Credit balance before refund (amount E1 **minus** amount F1)				G1
Refund of credit claimed on investments from qualified property and qualified resource property (from Part 7)		310		
ITC closing balance of investments from qualified property and qualified resource property (amount G1 **minus** line 310)		320		

* Include investments acquired after 2013 and before 2017 that are eligible for transitional relief.

Part 6 – Request for carryback of credit from investments in qualified property and qualified resource property

	Year	Month	Day			
1st previous tax year				Credit to be applied	901	
2nd previous tax year				Credit to be applied	902	
3rd previous tax year				Credit to be applied	903	

Total of lines 901 to 903
Enter at amount a in Part 5. H1

Part 7 – Refund of ITC for qualifying corporations on investments from qualified property and qualified resource property

Current-year ITCs (total of lines 240, 242, and 250 in Part 5)	I1
Credit balance before refund (from amount G1 in Part 5)	J1
Refund (40 % of amount I1 or J1, whichever is less)	K1

Enter amount K1 or a lesser amount on line 310 in Part 5 (also enter on line 780 of the T2 return if you do not claim an SR&ED ITC refund).

SR&ED

Part 8 – Qualified SR&ED expenditures

Current expenditures (from line 557 on Form T661)				
Contributions to agricultural organizations for SR&ED				
Deduct: Government assistance, non-government assistance, or contract payment				
Contributions to agricultural organizations for SR&ED for the federal ITC (this amount is updated to line 103 of Part 3. For more details, consult the Help.)*	+			
Current expenditures (line 557 on Form T661 **plus** line 103 in Part 3)*			350	
Capital expenditures incurred **before** 2014 (from line 558 on Form T661)**			360	
Repayments made in the year (from line 560 on Form T661)			370	
Qualified SR&ED expenditures (total of lines 350 to 370)			380	

* If you are claiming only contributions made to agricultural organizations for SR&ED, line 350 should equal line 103 in Part 3. Do not file Form T661.

** Capital expenditures incurred after December 31, 2013, are not qualified SR&ED expenditures. Capital cost allowance can be claimed for depreciable property acquired for use in SR&ED after 2013.

Part 9 – Components of the SR&ED expenditure limit calculation

Part 9 only applies if you are a CCPC.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered not associated for the calculation of an SR&ED expenditure limit if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of the corporation; and
- one of the corporations has at least one shareholder who is not common to both corporations.

Is the corporation associated with another CCPC for the purpose of calculating the SR&ED expenditure limit? 385 1 Yes [ ] 2 No [X]

If you answered **no** to the question on line 385 or if you are not associated with any other corporations, complete lines 390 and 398.
If you answered **yes**, the amounts for associated corporations will be determined on Schedule 49.

Enter your taxable income for the previous tax year* (prior to any loss carrybacks applied)		390	17,477,603
Enter your taxable capital employed in Canada for the previous tax year minus $10 million. If this amount is nil or negative, enter "0". If this amount is over $40 million, enter $40 million	850,420,257	398	40,000,000

* If the tax year referred to on line 390 is less than 51 weeks, **multiply** the taxable income by the following result: 365 **divided** by the number of days in that tax year.

Part 10 – SR&ED expenditure limit for a CCPC

For a stand-alone (not associated) corporation:		**$ 8,000,000**	
Taxable income for the previous tax year (line 390 in Part 9) or $500,000, whichever is more	17,477,603 x 10 =	174,776,030	A2
Excess ($8,000,000 **minus** amount A2; if negative, enter "0")			B2
$ 40,000,000 **minus** line 398 in Part 9	b		
Amount b **divided** by $ 40,000,000			C2
Expenditure limit for the stand-alone corporation (amount B2 **multiplied** by amount C2)*			D2
For an associated corporation: If associated, the allocation of the SR&ED expenditure limit, as provided on Schedule 49*	400		E2
If your tax year is less than 51 weeks, calculate the amount of the expenditure limit as follows:			
Amount D2 or E2 ____ x Number of days in the tax year / 365	365 =		F2
Your SR&ED expenditure limit for the year (enter amount D2, E2, or F2, whichever applies)	410		

* Amount D2 or E2 cannot be more than $3,000,000.

Part 11 – Investment tax credits on SR&ED expenditures

Current expenditures (from line 350 in Part 8) or the expenditure limit (from line 410 in Part 10), whichever is less* . . . . **420** ________ x 35 % = ________ G2

Line 350 **minus** line 410 (if negative, enter "0") . . . . **430** ________

Amount from line 430 ________ x (Number of days in the tax year before 2014 / Number of days in the tax year) ______ x 20% = ________ c

Amount from line 430** ________ x (Number of days in the tax year after 2013 / Number of days in the tax year) (365 / 365) x 15 % = ________ d

Subtotal (amount c **plus** amount d) . . . . ________ ▶ ________ H2

Line 410 **minus** line 350 (if negative, enter "0") . . . . ________ e

Capital expenditures (line 360 in Part 8) or amount e, whichever is less* . . . . **440** ________ x 35 % = ________ I2

Line 360 **minus** amount e (if negative, enter "0") . . . . **450** ________

Amount from line 450 ________ x (Number of days in the tax year before 2014 / Number of days in the tax year) ______ x 20% = ________ f

Amount from line 450** ________ x (Number of days in the tax year after 2013 / Number of days in the tax year) (365 / 365) x 15 % = ________ g

Subtotal (amount f **plus** amount g) . . . . ________ ▶ ________ J2

If a corporation makes a repayment of any government or non-government assistance, or contract payments that reduced the amount of qualified expenditures for ITC purposes, the amount of the repayment is eligible for a credit.

Repayments (amount from line 370 in Part 8) . . . . . ________

Enter the amount of the repayment on the line that corresponds to the appropriate rate.

Repayment of assistance that reduced a qualifying expenditure for a CCPC*** . . . . . . **460** ________ x 35 % = ________ h

Repayment of assistance made after September 16, 2016 that reduced a qualifying expenditure incurred before 2015 . . . . **480** ________ x 20 % = ________ i

Repayment of assistance made after September 16, 2016 that reduced a qualifying expenditure incurred after 2014 . . . . . **490** ________ x 15 % = ________ j

Subtotal (**add** amounts h to j) ________ ▶ ________ K2

Current-year SR&ED ITC (total of amounts G2 to K2; enter on line 540 in Part 12) . . . . ________ L2

* For corporations that are not CCPCs, enter "0" for amounts G2 and I2.

** For tax years that end after 2013, the general SR&ED ITC rate is reduced from 20% to 15%, except that, for 2014 tax years that start **before** 2014, the reduction is pro-rated based on the number of days in the tax year that are **after** 2013. For tax years that have a start date **after** 2013, **multiply** the amount by 15%.

*** If you were a Canadian-controlled private corporation (CCPC), this percentage was applied to the portion that you claimed of the SR&ED qualified expenditure pool that did not exceed your expenditure limit at the time. This percentage includes the rate under subsection 127(10.1), **additions to investment tax credit**. See subsection 127(10.1) for details about exceptions. For expenditures not eligible for this rate use line 480 or 490 as appropriate.

Part 12 – Current-year credit and account balances – ITC from SR&ED expenditures

ITC at the end of the previous tax year				M2
Credit deemed as a remittance of co-op corporations	510			
Credit expired	515			
Subtotal (line 510 **plus** line 515)			►	
ITC at the beginning of the tax year (amount M2 **minus** amount N2)		520		N2
Credit transferred on an amalgamation or the wind-up of a subsidiary	530			
Total current-year credit (from amount L2 in Part 11)	540			
Credit allocated from a partnership	550			
Subtotal (total of lines 530 to 550)			►	O2
Total credit available (line 520 **plus** amount O2)				P2
Credit deducted from Part I tax	560			
Credit carried back to previous years (amount S2 in Part 13)		k		
Credit transferred to offset Part VII tax liability	580			
Subtotal (total of line 560, amount k, and line 580)			►	Q2
Credit balance before refund (amount P2 **minus** amount Q2)				R2
Refund of credit claimed on SR&ED expenditures (from Part 14 or 15, whichever applies)		610		
ITC closing balance on SR&ED (amount R2 **minus** line 610)		620		

Part 13 – Request for carryback of credit from SR&ED expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	911	
2nd previous tax year				Credit to be applied	912	
3rd previous tax year				Credit to be applied	913	

Total of lines 911 to 913
Enter at amount k in Part 12. S2

Part 14 – Refund of ITC for qualifying corporations – SR&ED

Complete this part only if you are a qualifying corporation as determined on line 101 in Part 2.

Is the corporation an excluded corporation as defined under subsection 127.1(2)?	**650** 1 Yes [ ] 2 No [X]	
Current-year ITC (lines 540 **plus** 550 in Part 12 **minus** amount K2 in Part 11)		I
Refundable credits (amount I or amount R2 in Part 12, whichever is less)*		T2
Amount T2 or amount G2 in Part 11, whichever is less		U2
Net amount (amount T2 **minus** amount U2; if negative, enter "0")		V2
Amount V2 **multiplied** by 40 %		W2
Amount U2		X2
Refund of ITC (amount W2 **plus** amount X2 – enter this, or a lesser amount, on line 610 in Part 12)		Y2

Enter the total of line 310 in Part 5 and line 610 in Part 12 on line 780 of the T2 return.

* If you are also an excluded corporation, as defined in subsection 127.1(2), this amount must be multiplied by 40%. Claim this, or a lesser amount, as your refund of ITC for amount Y2.

Part 15 – Refund of ITC for CCPCs that are not qualifying or excluded corporations – SR&ED

Complete this part only if you are a CCPC that is not a qualifying or excluded corporation as determined on line 101 in Part 2.

Credit balance before refund (amount R2 in Part 12)		Z2
Amount Z2 or amount G2 in Part 11, whichever is less		AA2
Net amount (amount Z2 **minus** amount AA2; if negative, enter "0")		BB2
Amount BB2 or amount I2 in Part 11, whichever is less		CC2
Amount CC2 **multiplied** by 40 %		DD2
Amount AA2		EE2
Refund of ITC (amount DD2 **plus** amount EE2)		FF2

Enter FF2, or a lesser amount, on line 610 in Part 12 and also on line 780 of the T2 return.

Recapture – SR&ED

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED

You will have a recapture of ITC in a year when **all** of the following conditions are met:

- you acquired a particular property in the current year or in any of the 20 previous tax years, and the credit was earned in a tax year ending after 1997 and did not expire before 2008;
- you claimed the cost of the property as a qualified expenditure for SR&ED on Form T661;
- the cost of the property was included in calculating your ITC or was the subject of an agreement made under subsection 127(13) to transfer qualified expenditures; and
- you disposed of the property or converted it to commercial use after February 23, 1998. This condition is also met if you disposed of or converted to commercial use a property that incorporates the particular property previously referred to.

Note:

The recapture **does not apply** if you disposed of the property to a non-arm's-length purchaser who intended to use it all or substantially all for SR&ED. When the non-arm's-length purchaser later sells or converts the property to commercial use, the recapture rules will apply to the purchaser based on the historical ITC rate of the original user.

You will report a recapture on the T2 return for the year in which you disposed of the property or converted it to commercial use. In the following tax year, add the amount of the ITC recapture to the SR&ED expenditure pool.

If you have more than one disposition for calculations 1 and 2, complete the columns for each disposition for which a recapture applies, using the calculation formats below.

Calculation 1 – If you meet all of the above conditions

Amount of ITC you originally calculated for the property you acquired, or the original user's ITC where you acquired the property from a non-arm's length party, as described in the **note** above **700**	Amount calculated using ITC rate at the date of acquisition (or the original user's date of acquisition) on either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value of the property (in any other case) **710**	Amount from column 700 or 710, whichever is less

Subtotal Enter at amount C3 in Part 17. ______ A3

Calculation 2 – Only if you transferred all or a part of the qualified expenditure to another person under an agreement described in subsection 127(13); otherwise, enter nil on line B3.

A Rate that the transferee used in determining its ITC for qualified expenditures under a subsection 127(13) agreement **720**	B Proceeds of disposition of the property if you dispose of it to an arm's length person; or, in any other case, enter the fair market value of the property at conversion or disposition **730**	C Amount, if any, already provided for in Calculation 1 (This allows for the situation where only part of the cost of a property is transferred under a subsection 127(13) agreement.) **740**	D Amount determined by the formula (A x B) – C	E ITC earned by the transferee for the qualified expenditures that were transferred **750**	F Amount from column D or E, whichever is less

Subtotal (total of column F) Enter at amount D3 in Part 17. ______ B3

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED (continued)

Calculation 3

As a member of the partnership, you will report your share of the SR&ED ITC of the partnership after the SR&ED ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 550 in Part 12. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 760.

Corporate partner's share of the excess of SR&ED ITC **760** ________
Enter at amount E3 in Part 17.

Part 17 – Total recapture of SR&ED investment tax credit

Recaptured ITC from calculation 1, amount A3 in Part 16		C3
Recaptured ITC from calculation 2, amount B3 in Part 16		D3
Recaptured ITC from calculation 3, line 760 in Part 16		E3
Total recapture of SR&ED investment tax credit (total of amounts C3 to E3) Enter at amount A8 in Part 29.		F3

Pre-Production Mining

Part 18 – Pre-production mining expenditures

Exploration information

A mineral resource that qualifies for the credit means a mineral deposit from which the principal mineral to be extracted is diamond, a base or precious metal deposit, or a mineral deposit from which the principal mineral to be extracted is an industrial mineral that, when refined, results in a base or precious metal.

In column 800, list all minerals for which pre-production mining expenditures have taken place in the tax year.

For each of the minerals reported in column 800, identify each project (in column 805), mineral title (in column 806), and mining division (in column 807) where title is registered. If there is no mineral title, identify only the project and mining division.

List of minerals 800	Project name 805

Mineral title 806	Mining division 807

Pre-production mining expenditures*

Exploration:
Pre-production mining expenditures that you incurred in the tax year (**before** January 1, 2014) for the purpose of determining the existence, location, extent, or quality of a mineral resource in Canada:

Prospecting	810	
Geological, geophysical, or geochemical surveys	811	
Drilling by rotary, diamond, percussion, or other methods	812	
Trenching, digging test pits, and preliminary sampling	813	

Development:
Pre-production mining expenditures incurred in the tax year for bringing a new mine in a mineral resource in Canada into production in reasonable commercial quantities and incurred before the new mine comes into production in such quantities:

Clearing, removing overburden, and stripping	820	
Sinking a mine shaft, constructing an adit, or other underground entry	821	

Other pre-production mining expenditures incurred in the tax year:

Description 825	Amount 826
Total of column 826	

Total of column 826 ►			A4
Total pre-production mining expenditures (total of lines 810 to 821 and amount A4)	830		
Total of all assistance (grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to on line 830 above	832		
Excess (line 830 **minus** line 832) (if negative, enter "0")			B4
Repayments of government and non-government assistance	835		
Pre-production mining expenditures (amount B4 **plus** line 835)			C4

* A pre-production mining expenditure is defined under subsection 127(9).

Part 19 – Current-year credit and account balances – ITC from pre-production mining expenditures

ITC at the end of the previous tax year				D4
Credit deemed as a remittance of co-op corporations	841			
Credit expired	845			
Subtotal (line 841 **plus** line 845)			►	E4
ITC at the beginning of the tax year (amount D4 **minus** amount E4)	850			
Credit transferred on an amalgamation or the wind-up of a subsidiary	860			
Pre-production mining expenditures* incurred before January 1, 2013 (applicable part from amount C4 in Part 18)	870	x 10 % =		m
Pre-production mining exploration expenditures** incurred in 2013 (applicable part from amount C4 in Part 18)	872	x 5 % =		n
Pre-production mining development expenditures incurred in 2014 (applicable part from amount C4 in Part 18)	874	x 7 % =		o
Pre-production mining development expenditures incurred in 2015 (applicable part from amount C4 in Part 18)	876	x 4 % =		p
Current year credit (total of amounts m to p)	880		►	F4
Total credit available (total of lines 850, 860, and amount F4)				G4
Credit deducted from Part I tax	885			
Credit carried back to previous years (amount I4 in Part 20)				q
Subtotal (line 885 **plus** amount q)			►	H4
ITC closing balance from pre-production mining expenditures (amount G4 **minus** amount H4)	890			

* Also include pre-production mining development expenditures incurred before 2014 and pre-production mining development expenditures incurred after 2013 and before 2016 that are eligible for transitional relief.

** Also include pre-production mining development expenditures incurred in 2015 if the expense is described in subparagraph (a)(ii) of the definition **pre-production mining expenditure** in subsection 127(9) of the Act because of paragraph (g.4) of the definition **Canadian exploration expense** in subsection 66.1(6) of the Act.

Part 20 – Request for carryback of credit from pre-production mining expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	921	
2nd previous tax year				Credit to be applied	922	
3rd previous tax year				Credit to be applied	923	
				Total of lines 921 to 923 Enter at amount q in Part 19.		I4

Apprenticeship Job Creation

Part 21 – Total current-year credit – ITC from apprenticeship job creation expenditures

If you are a related person as defined under subsection 251(2), has it been agreed in writing that you are the only employer who will be claiming the apprenticeship job creation tax credit for this tax year for each apprentice whose contract number (or social insurance number (SIN) or name) appears below? (If not, you cannot claim the tax credit.) 611 1 Yes ☐ 2 No ☐

For each apprentice in their first 24 months of the apprenticeship, enter the apprenticeship contract number registered with Canada, or a province or territory, under an apprenticeship program designed to certify or license individuals in the trade. For the province, the trade must be a Red Seal trade. If there is no contract number, enter the SIN or the name of the eligible apprentice.

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
1.	[redacted]	[redacted]	38,555	3,856	2,000
2.	[redacted]	[redacted]	37,650	3,765	2,000

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
3.	[redacted]	[redacted]	40,426	4,043	2,000
4.	[redacted]	[redacted]	30,519	3,052	2,000
5.	[redacted]	[redacted]	38,944	3,894	2,000
6.	[redacted]	[redacted]	34,605	3,461	2,000
7.	[redacted]	[redacted]	65,486	6,549	2,000
8.	[redacted]	[redacted]	68,613	6,861	2,000
9.	[redacted]	[redacted]	66,790	6,679	2,000
10.	[redacted]	[redacted]	65,901	6,590	2,000
11.	[redacted]	[redacted]	78,478	7,848	2,000
12.	[redacted]	[redacted]	39,371	3,937	2,000
13.	[redacted]	[redacted]	34,105	3,411	2,000
14.	[redacted]	[redacted]	41,389	4,139	2,000
15.	[redacted]	[redacted]	38,671	3,867	2,000
16.	[redacted]	[redacted]	43,996	4,400	2,000
17.	[redacted]	[redacted]	59,369	5,937	2,000
				Total current-year credit (total of column E) Enter on line 640 in Part 22.	34,000 A5

* Other than qualified expenditure incurred, and net of any other government or non-government assistance received or to be received. **Eligible salary and wages**, and **qualified expenditures** are defined under subsection 127(9).

Part 22 – Current-year credit and account balances – ITC from apprenticeship job creation expenditures

ITC at the end of the previous tax year					B5
Credit deemed as a remittance of co-op corporations	612				
Credit expired after 20 tax years	615				
Subtotal (line 612 **plus** line 615)			▶		C5
ITC at the beginning of the tax year (amount B5 **minus** amount C5)			625		
Credit transferred on an amalgamation or the wind-up of a subsidiary	630				
ITC from repayment of assistance	635				
Total current-year credit (amount A5 in Part 21)	640	34,000			
Credit allocated from a partnership	655				
Subtotal (total of lines 630 to 655)		34,000	▶	34,000	D5
Total credit available (line 625 **plus** amount D5)				34,000	E5
Credit deducted from Part I tax	660	34,000			
Credit carried back to previous years (amount G5 in Part 23)			r		
Subtotal (line 660 **plus** amount r)		34,000	▶	34,000	F5
ITC closing balance from apprenticeship job creation expenditures (amount E5 **minus** amount F5)			690		

Part 23 – Request for carryback of credit from apprenticeship job creation expenditures

	Year	Month	Day		Line	Amount
1st previous tax year				Credit to be applied	931	
2nd previous tax year				Credit to be applied	932	
3rd previous tax year				Credit to be applied	933	
				Total of lines 931 to 933 Enter at amount r in Part 22.		G5

Child Care Spaces

Part 24 – Eligible child care spaces expenditures

Enter the eligible expenditures that you incurred after March 18, 2007 and before March 22, 2017* to create licensed child care spaces for the children of the employees and, potentially, for other children. You cannot be carrying on a child care services business. The eligible expenditures include:

- the cost of depreciable property (other than specified property); and
- the specified child care start-up expenditures.

Properties should be acquired and expenditures should be incurred only to create new child care spaces at a licensed child care facility.

Cost of depreciable property from the current tax year

	Capital cost allowance class number 665	Description of investment 675	Date available for use 685	Amount of investment 695
1.				

Total cost of depreciable property from the current tax year (total of column 695) **715** ______

Specified child care start-up expenditures from the current tax year . . . . . **705** ______

Total gross eligible expenditures for child care spaces (line 715 **plus** line 705) . . . . . ______ A6

Total of all assistance (including grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to in amount A6 . . . . . **725** ______

Excess (amount A6 **minus** line 725) (if negative, enter "0") . . . . . ______ B6

Repayments by the corporation of government and non-government assistance . . . . . **735** ______

Total eligible expenditures for child care spaces (amount B6 **plus** line 735) . . . . . **745** ______

* If you entered into a written agreement before March 22, 2017, eligible expenditures incurred before 2020 will remain eligible for the credit.

Part 25 – Current-year credit – ITC from child care spaces expenditures

The credit is equal to 25% of eligible child care spaces expenditures incurred to a maximum of $10,000 per child care space created in a licensed child care facility.

Eligible expenditures (from line 745 in Part 24) . . . . . ______ x 25 % = ______ C6

Number of child care spaces . . . . . **755** ______ x $ 10,000 = ______ D6

ITC from child care spaces expenditures (amount C6 or D6, whichever is less) . . . . . ______ E6

Part 26 – Current-year credit and account balances – ITC from child care spaces expenditures

ITC at the end of the previous tax year				F6
Credit deemed as a remittance of co-op corporations	765			
Credit expired after 20 tax years	770			
Subtotal (line 765 **plus** line 770)			▶	G6
ITC at the beginning of the tax year (amount F6 **minus** amount G6)			775	
Credit transferred on an amalgamation or the wind-up of a subsidiary	777			
Total current-year credit (amount E6 in Part 25)	780			
Credit allocated from a partnership	782			
Subtotal (total of lines 777 to 782)			▶	H6
Total credit available (line 775 **plus** amount H6)				I6
Credit deducted from Part I tax	785			
Credit carried back to previous years (amount K6 in Part 27)			s	
Subtotal (line 785 **plus** amount s)			▶	J6
ITC closing balance from child care spaces expenditures (amount I6 **minus** amount J6)			790	

Part 27 – Request for carryback of credit from child care space expenditures

	Year Month Day			
1st previous tax year	2016-12-31	Credit to be applied	941	
2nd previous tax year	2015-12-31	Credit to be applied	942	
3rd previous tax year	2014-12-31	Credit to be applied	943	
		Total of lines 941 to 943 Enter at amount s in Part 26.		K6

Recapture – Child Care Spaces

Part 28 – Recapture of ITC for corporations and partnerships – Child care spaces

The ITC will be recovered against the taxpayer's tax otherwise payable under Part I of the Act if, at any time within 60 months of the day on which the taxpayer acquired the property:

- the new child care space is no longer available; or
- property that was an eligible expenditure for the child care space is:
  - disposed of or leased to a lessee; or
  - converted to another use.

If the property disposed of is a child care space, the amount that can reasonably be considered to have been included in the original ITC (paragraph 127(27.12)(a)) . . . . **792** ________

In the case of eligible expenditures (paragraph 127(27.12)(b)), the lesser of:

The amount that can reasonably be considered to have been included in the original ITC . . . . **795** ________

25% of either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value (in any other case) of the property . . . . **797** ________

Amount from line 795 or line 797, whichever is less . . . . ________ A7

Partnerships

As a member of the partnership, you will report your share of the child care spaces ITC of the partnership after the child care spaces ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 782 in Part 26. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 799 below.

Corporate partner's share of the excess of ITC **799** ________

Total recapture of child care spaces investment tax credit (total of line 792, amount A7, and line 799) . . . . ________ B7
Enter at amount B8 in Part 29.

Summary of Investment Tax Credits

Part 29 – Total recapture of investment tax credit

Recaptured SR&ED ITC (amount F3 in Part 17)		A8
Recaptured child care spaces ITC (amount B7 in Part 28)		B8
Total recapture of investment tax credit (amount A8 **plus** amount B8) Enter on line 602 of the T2 return.		C8

Part 30 – Total ITC deducted from Part I tax

ITC from investments in qualified property deducted from Part I tax (line 260 in Part 5)		D8
ITC from SR&ED expenditures deducted from Part I tax (line 560 in Part 12)		E8
ITC from pre-production mining expenditures deducted from Part I tax (line 885 in Part 19)		F8
ITC from apprenticeship job creation expenditures deducted from Part I tax (line 660 in Part 22)	34,000	G8
ITC from child care space expenditures deducted from Part I tax (line 785 in Part 26)		H8
Total ITC deducted from Part I tax (total of amounts D8 to H8) Enter on line 652 of the T2 return.	34,000	I8

Summary of Investment Tax Credit Carryovers

Continuity of investment tax credit carryovers

CCA class number 97 Apprenticeship job creation ITC

Current year

Addition current year (A)	Applied current year (B)	Claimed as a refund (C)	Carried back (D)	ITC end of year (A-B-C-D)
34,000	34,000			

Prior years

Taxation year	ITC beginning of year (E)	Adjustments (F)	Applied current year (G)	ITC end of year (E-F-G)
2016-12-31				
2015-12-31				
2014-12-31				
2013-12-31				
2012-12-31				
2011-12-31				
2010-12-31				
2009-12-31				
2008-12-31				
2007-12-31				*
2006-12-31				
2005-12-31				
2004-12-31				
2003-12-31				
2002-12-31				
2001-12-31				
2001-09-30				
2000-09-30				
1999-09-30				
1998-09-30				*
Total				

B+C+D+G **Total ITC utilized** 34,000

* The **ITC end of year** includes the amount of ITC expired from the 10th preceding year if it is before January 1, 1998, or the amount of ITC expired from the 20th preceding year if it is after December 31, 1997. Note that this credit expires at the end of the tax year and any expired credit will be posted to line 215, 515, 615, 770 or 845, as applicable, in Schedule 31 the following year.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 33

Taxable Capital Employed in Canada – Large Corporations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule in determining if the total taxable capital employed in Canada of the corporation (other than a financial institution or an insurance corporation) and its related corporations is greater than $10,000,000.
- If the total taxable capital employed in Canada of the corporation and its related corporations is greater than $10,000,000, file a completed Schedule 33 with your T2 *Corporation Income Tax Return* no later than six months from the end of the tax year.
- Unless otherwise noted, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 181(1) defines the terms **financial institution**, **long-term debt**, and **reserves**.
- Subsection 181(3) provides the basis to determine the carrying value of a corporation's assets or any other amount under Part I.3 for its capital, investment allowance, taxable capital, or taxable capital employed in Canada, or for a partnership in which it has an interest.
- If the corporation was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada, go to Part 4, **Taxable capital employed in Canada**.

Part 1 – Capital

Add the following year-end amounts:

	Line	Amount	
Reserves that have not been deducted in calculating income for the year under Part I	101	874,903	
Capital stock (or members' contributions if incorporated without share capital)	103	167,081,000	
Retained earnings	104	168,578,000	
Contributed surplus	105		
Any other surpluses	106		
Deferred unrealized foreign exchange gains	107		
All loans and advances to the corporation	108	595,588,909	
All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations	109		
Any dividends declared but not paid by the corporation before the end of the year	110		
All other indebtedness of the corporation (other than any indebtedness for a lease) that has been outstanding for more than 365 days before the end of the year	111		
The total of all amounts, each of which is the amount, if any, in respect of a partnership in which the corporation held a membership interest at the end of the year, either directly or indirectly through another partnership (see note below)	112		
Subtotal (**add** lines 101 to 112)		932,122,812 ►	932,122,812 A

Note:

Line 112 is determined by the formula (A – B) x C/D (as per paragraph 181.2(3)(g)) where:

A is the total of all amounts that would be determined for lines 101, 107, 108, 109, and 111 in respect of the partnership for its last fiscal period that ends at or before the end of the year if
  a) those lines applied to partnerships in the same manner that they apply to corporations, and
  b) those amounts were computed without reference to amounts owing by the partnership
    (i) to any corporation that held a membership interest in the partnership either directly or indirectly through another partnership, or
    (ii) to any partnership in which a corporation described in subparagraph (i) held a membership interest either directly or indirectly through another partnership.

B is the partnership's deferred unrealized foreign exchange losses at the end of the period,

C is the share of the partnership's income or loss for the period to which the corporation is entitled either directly or indirectly through another partnership, and

D is the partnership's income or loss for the period.

Part 1 – Capital (continued)

Subtotal A (from page 1)			932,122,812	A
Deduct the following amounts:				
Deferred tax debit balance at the end of the year	121			
Any deficit deducted in calculating its shareholders' equity (including, for this purpose, the amount of any provision for the redemption of preferred shares) at the end of the year	122			
To the extent that the amount may reasonably be regarded as being included in any of lines 101 to 112 above for the year, any amount deducted under subsection 135(1) in calculating income under Part I for the year.	123			
Deferred unrealized foreign exchange losses at the end of the year	124			
Subtotal (**add** lines 121 to 124)		▶		B
Capital for the year (amount A **minus** amount B) (if negative, enter “0”)	190		932,122,812	

Part 2 – Investment allowance

Add the carrying value at the end of the year of the following assets of the corporation:

A share of another corporation	401	
A loan or advance to another corporation (other than a financial institution)	402	3,172,000
A bond, debenture, note, mortgage, hypothecary claim, or similar obligation of another corporation (other than a financial institution)	403	
Long-term debt of a financial institution	404	
A dividend payable on a share of the capital stock of another corporation	405	
A loan or advance to, or a bond, debenture, note, mortgage, hypothecary claim or similar obligation of, a partnership each member of which was, throughout the year, another corporation (other than a financial institution) that was not exempt from tax under this Part (otherwise than because of paragraph 181.1(3)(d)), or another partnership described in paragraph 181.2(4)(d.1)	406	
An interest in a partnership (see note 2 below)	407	
Investment allowance for the year (add lines 401 to 407)	490	3,172,000

Notes:

1. Lines 401 to 405 should not include the carrying value of a share of the capital stock of, a dividend payable by, or indebtedness of a corporation that is exempt from tax under Part I.3 (other than a non-resident corporation that at no time in the year carried on business in Canada through a permanent establishment).
2. Where the corporation has an interest in a partnership held either directly or indirectly through another partnership, refer to subsection 181.2(5) for additional rules regarding the carrying value of an interest in a partnership.
3. Where a trust is used as a conduit for loaning money from a corporation to another related corporation (other than a financial institution), the loan will be considered to have been made directly from the lending corporation to the borrowing corporation. Refer to subsection 181.2(6) for special rules that may apply.

Part 3 – Taxable capital

Capital for the year (line 190)		932,122,812	C
Deduct: Investment allowance for the year (line 490)		3,172,000	D
Taxable capital for the year (amount C **minus** amount D) (if negative, enter "0")	500	928,950,812	

Part 4 – Taxable capital employed in Canada

To be completed by a corporation that was resident in Canada at any time in the year

Taxable capital for the year (line 500) 928,950,812 x (Taxable income earned in Canada **610** 16,157,263 / Taxable income 16,157,263) = **Taxable capital employed in Canada** **690** 928,950,812

Notes:
1. Regulation 8601 gives details on calculating the amount of taxable income earned in Canada.
2. Where a corporation's taxable income for a tax year is "0," it shall, for the purposes of the above calculation, be deemed to have a taxable income for that year of $1,000.
3. In the case of an airline corporation, Regulation 8601 should be considered when completing the above calculation.

To be completed by a corporation that was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada

Total of all amounts each of which is the carrying value at the end of the year of an asset of the corporation used in the year or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **701** ______

Deduct the following amounts:

Corporation's indebtedness at the end of the year [other than indebtedness described in any of paragraphs 181.2(3)(c) to (f)] that may reasonably be regarded as relating to a business it carried on during the year through a permanent establishment in Canada . . . . **711** ______

Total of all amounts each of which is the carrying value at the end of year of an asset described in subsection 181.2(4) of the corporation that it used in the year, or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **712** ______

Total of all amounts each of which is the carrying value at the end of year of an asset of the corporation that is a ship or aircraft the corporation operated in international traffic, or personal or movable property used or held by the corporation in carrying on any business during the year through a permanent establishment in Canada (see note below) . . . . **713** ______

Total deductions (**add** lines 711, 712, and 713) ______ ► ______ E

Taxable capital employed in Canada (line 701 **minus** amount E) (if negative, enter "0") . . . . **790** ______

Note: Complete line 713 only if the country in which the corporation is resident did not impose a capital tax for the year on similar assets, or a tax for the year on the income from the operation of a ship or aircraft in international traffic, of any corporation resident in Canada during the year.

Part 5 – Calculation for purposes of the small business deduction

This part is applicable to corporations that are not associated in the current year, but were associated in the prior year.

Taxable capital employed in Canada (amount from line 690) . . . . ______ F

Deduct: . . . . 10,000,000 G

Excess (amount F **minus** amount G) (if negative, enter "0") ______ H

Calculation for purposes of the small business deduction (amount H x 0.225%) . . . . ______ I

Enter this amount at line 415 of the T2 return.

Attached Schedule with Total

Part 1 – All loans and advances to the corporation

Title Part 1 – All loans and advances to the corporation

Description	Operator (Note)	Amount	
Notes Payable		567,185,000	00
Tender Deposits	+	1,187,634	00
Key Deposits	+	41,445	00
Retailer Prudentials	+		
Customer credit balances	+	11,202,568	00
Customer deposits	+	15,972,262	00
	Total	595,588,909	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Attached Schedule with Total

Part 1 – Reserves that have not been deducted in calculating income for the year under Part I

Title Part 1 – Reserves that have not been deducted in computing income for th

Description	Operator (Note)	Amount
Non deductible reserve per Schedule 13S		812,870 00
Assets Retirement Obligations	+	62,033 00
	+	
	Total	874,903 00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

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SCHEDULE 50

SHAREHOLDER INFORMATION

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

All private corporations must complete this schedule for any shareholder who holds 10% or more of the corporation's common and/or preferred shares.

		Provide only one number per shareholder				
	Name of shareholder (after name, indicate in brackets if the shareholder is a corporation, partnership, individual, or trust) 100	Business Number (If a corporation is not registered, enter "NR") 200	Social insurance number 300	Trust number 350	Percentage common shares 400	Percentage preferred shares 500
1	Hydro Ottawa Holding Inc. (Corporation)	89411 0816 RC0001			100.000	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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Schedule 53

General Rate Income Pool (GRIP) Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

On: 2017-12-31

- If you are a Canadian-controlled private corporation (CCPC) or a deposit insurance corporation (DIC), use this schedule to determine the general rate income pool (GRIP).
- Credit unions are **not** required to complete this schedule.
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- When an eligible dividend was paid in the tax year or there was a change in the GRIP balance, file a completed copy of this schedule with your T2 *Corporation Income Tax Return*. Do not send your worksheets with your return, but keep them in your records in case we ask to see them later.
- Subsection 89(1) defines the terms **eligible dividend**, **excessive eligible dividend designation**, **general rate income pool**, and **low rate income pool**.

Eligibility for the various additions

Answer the following questions to determine the corporation's eligibility for the various additions:

2006 addition

1. Is this the corporation's first taxation year that includes January 1, 2006? . . . . . [ ] Yes [X] No
2. If not, what is the date of the taxation year end of the corporation's first year that includes January 1, 2006? Enter the date and go directly to question 4 2006-12-31
3. During that first year, was the corporation a CCPC or would it have been a CCPC if not for the election of subsection 89(11) ITA? . . . . . [X] Yes [ ] No
   If the answer to question 3 is yes, complete Part "GRIP addition for 2006".

Change in the type of corporation

4. Was the corporation a CCPC during its preceding taxation year? . . . . . [X] Yes [ ] No
5. Corporations that become a CCPC or a DIC . . . . . [ ] Yes [X] No
   If the answer to question 5 is yes, complete Part 4.

Amalgamation (first year of filing after amalgamation)

6. Corporations that were formed as a result of an amalgamation . . . . . [ ] Yes [X] No
   If the answer to question 6 is yes, answer questions 7 and 8. If the answer is no, go to question 9.
7. Was one or more of the predecessor corporations neither a CCPC nor a DIC? . . . . . [ ] Yes [ ] No
   If the answer to question 7 is yes, complete Part 4.
8. Was one or more of the predecessor corporation a CCPC or a DIC during the taxation year that ended immediately before amalgamation? . . . . . [ ] Yes [ ] No
   If the answer to question 8 is yes, complete Part 3.

Winding-up

9. Has the corporation wound-up a subsidiary in the preceding taxation year? . . . . . [ ] Yes [X] No
   If the answer to question 9 is yes, answer questions 10 and 11. If the answer is no, go to Part 1.
10. Was the subsidiary neither a CCPC nor a DIC during its last taxation year? . . . . . [ ] Yes [ ] No
    If the answer to question 10 is yes, complete Part 4.
11. Was the subsidiary a CCPC or a DIC during its last taxation year? . . . . . [ ] Yes [ ] No
    If the answer to question 11 is yes, complete Part 3.

Part 1 – General rate income pool (GRIP)

GRIP at the end of the previous tax year				100	205,968,541	A
Taxable income for the year (DICs enter "0") *	110	16,157,263	B			
Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less *	130					
For a CCPC, the lesser of aggregate investment income (line 440 of the T2 return) and taxable income *	140					
Subtotal (line 130 **plus** line 140) ►			C			
Income taxable at the general corporate rate (amount B **minus** amount C) (if negative enter "0")	150	16,157,263				
After-tax income (line 150 **multiplied** by 0.72 (the general rate factor for the tax year))				190	11,633,229	D
Eligible dividends received in the tax year	200					
Dividends deductible under section 113 received in the tax year	210					
Subtotal (line 200 **plus** line 210) ►						E
Becoming a CCPC (amount W5 in Part 4)	220					
Post-amalgamation (total of amounts E4 in Part 3 and amounts W5 in Part 4)	230					
Post-wind-up (total of amounts E4 in Part 3 and amounts W5 in Part 4)	240					
Subtotal (**add** lines 220, 230, and 240) ►	290					F
Subtotal (**add** amounts A, D, E, and F)					217,601,770	G
Eligible dividends paid in the previous tax year	300					
Excessive eligible dividend designations made in the previous tax year	310					
(If becoming a CCPC (subsection 89(4) applies), enter "0" on lines 300 and 310.)						
Subtotal (line 300 **minus** line 310) ►						H
GRIP before adjustment for specified future tax consequences (amount G **minus** amount H) (amount can be negative)				490	217,601,770	
Total GRIP adjustment for specified future tax consequences to previous tax years (amount N3 in Part 2)				560		
GRIP at the end of the tax year (line 490 **minus** line 560) Enter this amount on line 160 of Schedule 55.				590	217,601,770	

* For lines 110, 130, and 140, the income amount is the amount before considering specified future tax consequences. This phrase is defined in subsection 248(1). It includes the deduction of a loss carryback from subsequent tax years, a reduction of Canadian exploration expenses and Canadian development expenses that were renounced in subsequent tax years (e.g., flow-through share renunciations), reversals of income inclusions where an option is exercised in subsequent tax years, and the effect of certain foreign tax credit adjustments.

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years

Complete this part if the corporation's taxable income of any of the previous three tax years took into account the specified future tax consequences defined in subsection 248(1) from the current tax year. Otherwise, enter "0" on line 560.

First previous tax year 2016-12-31

Taxable income before specified future tax consequences from the current tax year 17,477,603 A1

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ B1

Aggregate investment income (line 440 of the T2 return) . . . . ______ C1

Subtotal (amount B1 **plus** amount C1) ______ ▶ ______ D1

Subtotal (amount A1 **minus** amount D1) (if negative, enter "0") 17,477,603 ▶ 17,477,603 E1

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . ______ F1

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ G1

Aggregate investment income (line 440 of the T2 return) . . . . ______ H1

Subtotal (amount G1 **plus** amount H1) ______ ▶ ______ I1

Subtotal (amount F1 **minus** amount I1) (if negative, enter "0") ______ ▶ ______ J1

Subtotal (amount E1 **minus** amount J1) (if negative, enter "0") ______ K1

GRIP adjustment for specified future tax consequences to the first previous tax year
(amount K1 **multiplied** by 0.72) . . . . **500** ______

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Second previous tax year 2015-12-31

Taxable income before specified future tax consequences from the current tax year 1,715,538 A2

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ B2

Aggregate investment income (line 440 of the T2 return) . . . . ______ C2

Subtotal (amount B2 **plus** amount C2) ______ ▶ ______ D2

Subtotal (amount A2 **minus** amount D2) (if negative, enter "0") 1,715,538 ▶ 1,715,538 E2

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . ______ F2

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ G2

Aggregate investment income (line 440 of the T2 return) . . . . ______ H2

Subtotal (amount G2 **plus** amount H2) ______ ▶ ______ I2

Subtotal (amount F2 **minus** amount I2) (if negative, enter "0") ______ ▶ ______ J2

Subtotal (amount E2 **minus** amount J2) (if negative, enter "0") ______ K2

GRIP adjustment for specified future tax consequences to the second previous tax year
(amount K2 **multiplied** by 0.72) . . . . **520** ______

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Third previous tax year 2014-12-31

Taxable income before specified future tax consequences from the current tax year . . . 1,027,371 A3

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ B3

Aggregate investment income (line 440 of the T2 return) . . . . ______ C3

Subtotal (amount B3 **plus** amount C3) ______ ► ______ D3

Subtotal (amount A3 **minus** amount D3) (if negative, enter "0") 1,027,371 ► 1,027,371 E3

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . ______ F3

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ G3

Aggregate investment income (line 440 of the T2 return) . . . . ______ H3

Subtotal (amount G3 **plus** amount H3) ______ ► ______ I3

Subtotal (amount F3 **minus** amount I3) (if negative, enter "0") ______ ► ______ J3

Subtotal (amount E3 **minus** amount J3) (if negative, enter "0") ______ K3

GRIP adjustment for specified future tax consequences to the third previous tax year
(amount K3 **multiplied by** 0.72) . . . . **540** ______

Total GRIP adjustment for specified future tax consequences to previous tax years:
(**add** lines 500, 520, and 540) (if negative, enter "0") . . . . ______ L3

Enter amount L3 on line 560 in part 1.

Part 3 – Worksheet to calculate the GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year)

nb. 1 Post amalgamation . . . ☐ Post wind-up . . . . . . ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary corporation was a CCPC or a DIC in its last tax year. The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

Calculate the GRIP addition of a successor corporation following an amalgamation at the end of its first tax year.

Calculate the GRIP addition of a parent corporation upon wind-up at the end of the tax year that ends immediately after the tax year in which the parent has received the assets of the subsidiary.

In the calculation below, **corporation** means a predecessor or a subsidiary. Complete a separate worksheet for **each** predecessor and **each** subsidiary that was a CCPC or a DIC in its last tax year. Keep a copy of this calculation for your records, in case we ask to see it later.

Corporation's GRIP at the end of its last tax year			A4
Eligible dividends paid by the corporation in its last tax year		B4	
Excessive eligible dividend designations made by the corporation in its last tax year		C4	
Subtotal (amount B4 **minus** amount C4)		►	D4
GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year) (amount A4 **minus** amount D4)			E4

After you complete this calculation for each predecessor and each subsidiary, calculate the total of all the E4 amounts. Enter this total amount on:

- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

Part 4 – Worksheet to calculate the GRIP addition post-amalgamation, post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC

nb. 1 Corporation becoming a CCPC ☐ Post amalgamation ☐ Post wind-up ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary was not a CCPC or a DIC in its last tax year.The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

Calculate the GRIP addition of a successor corporation following an amalgamation at the end of its first tax year.

Calculate the GRIP addition of a parent corporation upon wind-up at the end of the tax year that ends immediately after the tax year in which the parent has received the assets of the subsidiary.

In the calculation below, **corporation** means a predecessor or a subsidiary. Complete a separate worksheet for **each** predecessor and **each** subsidiary that was a CCPC or a DIC in its last year. Keep a copy of this calculation for your records, in case we ask to see it later.

Cost amount to the corporation of all property immediately before the end of its previous/last tax year .... ______ A5

The corporation's money on hand immediately before the end of its previous/last tax year .... ______ B5

Total of subsection 111(1) losses that would have been deductible in calculating the corporation's taxable income for the previous/last tax year if the corporation had had unlimited income from each business carried on and each property held and had realized an unlimited amount of capital gains for the previous/last tax year:

- Non-capital losses .... ______ C5
- Net capital losses .... ______ D5
- Farm losses .... ______ E5
- Restricted farm losses .... ______ F5
- Limited partnership losses .... ______ G5

Subtotal (**add** amounts C5 to G5) ______ ► ______ H5

Total of all amounts deducted under subsection 111(1) in calculating the corporation's taxable income for the previous/last tax year:

- Non-capital losses .... ______ I5
- Net capital losses .... ______ J5
- Farm losses .... ______ K5
- Restricted farm losses .... ______ L5
- Limited partnership losses .... ______ M5

Subtotal (**add** amounts I5 to M5) ______ ► ______ N5

Unused and unexpired losses at the end of the corporation's previous/last tax year (amount H5 **minus** amount N5) ______ ► ______ O5

Subtotal (**add** amounts A5, B5, and O5) ______ P5

All the corporation's debts and other obligations to pay that were outstanding immediately before the end of its previous/last tax year .... ______ Q5

Paid-up capital of all the corporation's issued and outstanding shares of capital stock immediately before the end of its previous/last tax year .... ______ R5

All the corporation's reserves deducted in its previous/last tax year .... ______ S5

The corporation's capital dividend account immediately before the end of its previous/last tax year .... ______ T5

The corporation's low rate income pool immediately before the end of its previous/last tax year .... ______ U5

Subtotal (**add** amounts Q5 to U5) ______ ► ______ V5

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC (amount P5 **minus** amount V5) (if negative, enter "0") .... ______ W5

After you complete this worksheet for each predecessor and each subsidiary, calculate the total of all the W5 amounts. Enter this total amount on:

- line 220 for a corporation becoming a CCPC;
- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

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Schedule 55

Part III.1 Tax on Excessive Eligible Dividend Designations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Do not use this area

- Every corporation resident in Canada that pays a taxable dividend (other than a capital gains dividend within the meaning assigned by subsection 130.1(4) or 131(1)) in the tax year must file this schedule.
- Canadian-controlled private corporations (CCPC) and deposit insurance corporations (DIC) must complete Part 1 of this schedule. All other corporations must complete Part 2.
- Every corporation that has paid an eligible dividend must also file Schedule 53, *General Rate Income Pool (GRIP) Calculation*, or Schedule 54, *Low Rate Income Pool (LRIP) Calculation*, whichever is applicable.
- File the completed schedules with your *T2 Corporation Income Tax Return* no later than six months from the end of the tax year.
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool (GRIP), and low rate income pool (LRIP).
- The calculations in Part 1 and Part 2 do not apply if the excessive eligible dividend designation arises from the application of paragraph (c) of the definition of excessive eligible dividend designation in subsection 89(1). This paragraph applies when an eligible dividend is paid to artificially maintain or increase the GRIP or to artificially maintain or decrease the LRIP.

Part 1 – Canadian-controlled private corporations and deposit insurance corporations

Taxable dividends paid in the tax year **not included** in Schedule 3					
Taxable dividends paid in the tax year **included** in Schedule 3		20,600,000			
Total taxable dividends paid in the tax year	100	20,600,000			
Total eligible dividends paid in the tax year			150		A
GRIP at the end of the tax year (line 590 on Schedule 53) (if negative, enter "0")			160	217,601,770	B
Excessive eligible dividend designation (line 150 **minus** line 160)					C
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			180		D
Subtotal (amount C **minus** amount D)					E
Part III.1 tax on excessive eligible dividend designations – CCPC or DIC (amount E **multiplied** by 20 %)			190		F

Enter the amount from line 190 on line 710 of the T2 return.

Part 2 – Other corporations

Taxable dividends paid in the tax year **not included** in Schedule 3					
Taxable dividends paid in the tax year **included** in Schedule 3					
Total taxable dividends paid in the tax year	200				
Total excessive eligible dividend designations in the tax year (amount from line A of Schedule 54)					G
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			280		H
Subtotal (amount G **minus** amount H)					I
Part III.1 tax on excessive eligible dividend designations – Other corporations (amount I **multiplied** by 20 %)			290		J

Enter the amount from line 290 on line 710 of the T2 return.

* You can elect to treat all or part of your excessive eligible dividend designation as a separate taxable dividend in order to eliminate or reduce the Part III.1 tax otherwise payable. You must file the election on or before the day that is 90 days **after** the day the notice of assessment for Part III.1 tax was sent. We will accept an election before the assessment of the tax. For more information on how to make this election, go to **www.cra.gc.ca/eligibledividends**.

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Schedule 500

Ontario Corporation Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule if the corporation had a permanent establishment, under section 400 of the federal *Income Tax Regulations,* in Ontario at any time in the tax year and had Ontario taxable income in the year.
- Legislative references are to the federal *Income Tax Act* and *Income Tax Regulations*.
- This schedule is a worksheet only and is not required to be filed with your *T2 Corporation Income Tax Return*.

Part 1 – Ontario basic income tax

Ontario taxable income *	16,157,263	A
Ontario basic rate of tax for the year	**11.5** %	B
Ontario basic income tax (amount A **multiplied** by amount B **)	1,858,085	C

* If the corporation has a permanent establishment only in Ontario, enter the amount from line 360 or amount Z, whichever applies, of the T2 return. Otherwise, enter the taxable income allocated to Ontario from column F in Part 1 of Schedule 5.

** If the corporation has a permanent establishment in more than one jurisdiction, or is claiming an Ontario tax credit in addition to Ontario basic income tax, or has Ontario corporate minimum tax or Ontario special additional tax on life insurance corporations payable, enter amount C on line 270 of Schedule 5, *Tax Calculation Supplementary – Corporations*. Otherwise, enter it on line 760 of the T2 return.

Part 2 – Ontario small business deduction (OSBD)

Complete this part if the corporation claimed the federal small business deduction under subsection 125(1).

Amount from line 400 of the T2 return	16,230,118	1		
Amount from line 405 of the T2 return	16,157,263	2		
Amount from line 427 of the T2 return		3		
Enter the least of amounts 1, 2 or 3		▶		D

Ontario domestic factor (ODF): Taxable income for Ontario * / Taxable income for all provinces ** = 16,157,263.00 / 16,157,263 = 1.00000 E

Amount D **multiplied** by amount E		4		
Ontario taxable income (amount A from Part 1)	16,157,263	5		
Ontario small business income (lesser of amount 4 or amount 5)		▶		F

Ontario small business deduction rate for the year

Number of days in the tax year before January 1, 2018 / Number of days in the tax year: 365 / 365 x 7 % = 7.00000 % G1

Number of days in the tax year after December 31, 2017 / Number of days in the tax year: ___ / 365 x 8 % = % G2

OSBD rate for the year (rate G1 **plus** rate G2) 7.00000 % ▶ 7.00000 % G

Ontario small business deduction (amount F **multiplied** by rate G) ______ H
Enter amount H on line 402 of Schedule 5.

* Enter amount A from Part 1.

** Includes the offshore areas for Nova Scotia and Newfoundland and Labrador.

Part 3 – Ontario adjusted small business income

Complete this part if the corporation was a Canadian-controlled private corporation throughout the tax year and is claiming the Ontario tax credit for manufacturing and processing or the Ontario credit union tax reduction.

Ontario adjusted small business income (lesser of amount D and amount 5) . . . . ______ I

Enter amount I at amount K in Part 4 of this schedule or at amount B in Part 2 of Schedule 502, *Ontario Tax Credit for Manufacturing and Processing*, whichever applies.

Part 4 – Credit union tax reduction

Complete this part and Schedule 17, *Credit Union Deductions*, if the corporation was a credit union throughout the tax year.

Amount N from Part 5 of Schedule 17		J		
Ontario adjusted small business income (amount I)		K		
Subtotal (amount J **minus** amount K, if negative, enter "0")		L		
Amount L **multiplied** by amount G				M
Ontario domestic factor (amount E)			1.00000	N
Ontario credit union tax reduction (amount M **multiplied** by amount N)				O

Enter amount O on line 410 of Schedule 5.

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Schedule 510

Ontario Corporate Minimum Tax

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- File this schedule if the corporation is subject to Ontario corporate minimum tax (CMT). CMT is levied under section 55 of the *Taxation Act, 2007* (Ontario), referred to as the "Ontario Act".
- Complete Part 1 to determine if the corporation is subject to CMT for the tax year.
- A corporation not subject to CMT in the tax year is still required to file this schedule if it is deducting a CMT credit, has a CMT credit carryforward, or has a CMT loss carryforward or a current year CMT loss.
- A corporation that has Ontario special additional tax on life insurance corporations (SAT) payable in the tax year must complete Part 4 of this schedule even if it is not subject to CMT for the tax year.
- A corporation is exempt from CMT if, throughout the tax year, it was one of the following:
  1) a corporation exempt from income tax under section 149 of the federal *Income Tax Act*;
  2) a mortgage investment corporation under subsection 130.1(6) of the federal Act;
  3) a deposit insurance corporation under subsection 137.1(5) of the federal Act;
  4) a congregation or business agency to which section 143 of the federal Act applies;
  5) an investment corporation as referred to in subsection 130(3) of the federal Act; or
  6) a mutual fund corporation under subsection 131(8) of the federal Act.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Determination of CMT applicability

Total assets of the corporation at the end of the tax year *	112	1,245,993,000
Share of total assets from partnership(s) and joint venture(s) *	114	
Total assets of associated corporations (amount from line 450 on Schedule 511)	116	1,460,532,998
Total assets (total of lines 112 to 116)		2,706,525,998
Total revenue of the corporation for the tax year **	142	1,110,462,000
Share of total revenue from partnership(s) and joint venture(s) **	144	
Total revenue of associated corporations (amount from line 550 on Schedule 511)	146	87,785,750
Total revenue (total of lines 142 to 146)		1,198,247,750

The corporation is subject to CMT if:
- for tax years ending before July 1, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are more than $5,000,000, or the total revenue for the year of the corporation or the associated group of corporations is more than $10,000,000.
- for tax years ending after June 30, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are equal to or more than $50,000,000, and the total revenue for the year of the corporation or the associated group of corporations is equal to or more than $100,000,000.

If the corporation is not subject to CMT, do not complete the remaining parts unless the corporation is deducting a CMT credit, or has a CMT credit carryforward, a CMT loss carryforward, a current year CMT loss, or SAT payable in the year.

* **Rules for total assets**
- Report total assets according to generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Do not include unrealized gains and losses on assets and foreign currency gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.
- The amount on line 114 is determined at the end of the last fiscal period of the partnership or joint venture that ends in the tax year of the corporation. Add the proportionate share of the assets of the partnership(s) and joint venture(s), and deduct the recorded asset(s) for the investment in partnerships and joint ventures.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

** **Rules for total revenue**
- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the tax year is less than 51 weeks, **multiply** the total revenue of the corporation or the partnership, whichever applies, by 365 and **divide** by the number of days in the tax year.
- The amount on line 144 is determined for the partnership or joint venture fiscal period that ends in the tax year of the corporation. If the partnership or joint venture has 2 or more fiscal periods ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

Part 2 – Adjusted net income/loss for CMT purposes

	Line	Amount		Total	
Net income/loss per financial statements *			210	36,460,000	
Add (to the extent reflected in income/loss):					
Provision for current income taxes/cost of current income taxes	220	3,828,000			
Provision for deferred income taxes (debits)/cost of future income taxes	222				
Equity losses from corporations	224				
Financial statement loss from partnerships and joint ventures	226				
Dividends deducted on financial statements (subsection 57(2) of the Ontario Act), excluding dividends paid by credit unions under subsection 137(4.1) of the federal Act	230				
Other additions (see note below):					
Share of adjusted net income of partnerships and joint ventures **	228				
Total patronage dividends received, not already included in net income/loss	232				
281	282				
283	284				
Subtotal		3,828,000	►	3,828,000	A
Deduct (to the extent reflected in income/loss):					
Provision for recovery of current income taxes/benefit of current income taxes	320				
Provision for deferred income taxes (credits)/benefit of future income taxes	322				
Equity income from corporations	324				
Financial statement income from partnerships and joint ventures	326				
Dividends deductible under section 112, section 113, or subsection 138(6) of the federal Act	330				
Dividends not taxable under section 83 of the federal Act (from Schedule 3)	332				
Gain on donation of listed security or ecological gift	340				
Accounting gain on transfer of property to a corporation under section 85 or 85.1 of the federal Act ***	342				
Accounting gain on transfer of property to/from a partnership under section 85 or 97 of the federal Act ****	344				
Accounting gain on disposition of property under subsection 13(4), subsection 14(6), or section 44 of the federal Act *****	346				
Accounting gain on a windup under subsection 88(1) of the federal Act or an amalgamation under section 87 of the federal Act	348				
Other deductions (see note below):					
Share of adjusted net loss of partnerships and joint ventures **	328				
Tax payable on dividends under subsection 191.1(1) of the federal Act **multiplied** by 3	334				
Interest deducted/deductible under paragraph 20(1)(c) or (d) of the federal Act, not already included in net income/loss	336				
Patronage dividends paid (from Schedule 16) not already included in net income/loss	338				
381	382				
383	384				
385	386				
387	388				
389	390				
Subtotal			►		B
Adjusted net income/loss for CMT purposes (line 210 **plus** amount A **minus** amount B)			490	40,288,000	

If the amount on line 490 is positive and the corporation is subject to CMT as determined in Part 1, enter the amount on line 515 in Part 3.

If the amount on line 490 is negative, enter the amount on line 760 in Part 7 (enter as a positive amount).

Note

In accordance with *Ontario Regulation 37/09*, when calculating net income for CMT purposes, accounting income should be adjusted to:

– exclude unrealized gains and losses due to mark-to-market changes or foreign currency changes on specified mark-to-market property (assets only);
– include realized gains and losses on the disposition of specified mark-to-market property not already included in the accounting income, if the property is not a capital property or is a capital property disposed in the year or in a previous tax year ended after March 22, 2007.

"Specified mark-to-market property" is defined in subsection 54(1) of the Ontario Act.

These rules also apply to partnerships. A corporate partner's share of a partnership's adjusted income flows through on a proportionate basis to the corporate partner.

* **Rules for net income/loss**

– Banks must report net income/loss as per the report accepted by the Superintendent of Financial Institutions under the federal *Bank Act*, adjusted so consolidation and equity methods are not used.

Part 2 – Calculation of adjusted net income/loss for CMT purposes (continued)

– Life insurance corporations must report net income/loss as per the report accepted by the federal Superintendent of Financial Institutions or equivalent provincial insurance regulator, before SAT and adjusted so consolidation and equity methods are not used. If the life insurance corporation is resident in Canada and carries on business in and outside of Canada, **multiply** the net income/loss by the ratio of the Canadian reserve liabilities **divided** by the total reserve liability. The reserve liabilities are calculated in accordance with Regulation 2405(3) of the federal Act.

– Other corporations must report net income/loss in accordance with generally accepted accounting principles, except that consolidation and equity methods must not be used. When the equity method has been used for accounting purposes, equity losses and equity income are removed from book income/loss on lines 224 and 324 respectively.

– Corporations, other than insurance corporations, should report net income from line 9999 of the GIFI (Schedule 125) on line 210.

** The share of the adjusted net income of a partnership or joint venture is calculated as if the partnership or joint venture were a corporation and the tax year of the partnership or joint venture were its fiscal period. For a corporation with an indirect interest in a partnership through one or more partnerships, determine the corporation's share according to clause 54(5)(c) of the Ontario Act.

*** A joint election will be considered made under subsection 60(1) of the Ontario Act if there is an entry on line 342, and an election has been made for transfer of property to a corporation under subsection 85(1) of the federal Act.

**** A joint election will be considered made under subsection 60(2) of the Ontario Act if there is an entry on line 344, and an election has been made under subsection 85(2) or 97(2) of the federal Act.

***** A joint election will be considered made under subsection 61(1) of the Ontario Act if there is an entry on line 346, and an election has been made under subsection 13(4) or 14(6) and/or section 44 of the federal Act.

For more information on how to complete this part, see the *T2 Corporation – Income Tax Guide*.

Part 3 – CMT payable

Adjusted net income for CMT purposes (line 490 in Part 2, if positive) **515** 40,288,000

Deduct:

CMT loss available (amount R from Part 7)				
Minus: Adjustment for an acquisition of control *	518			
Adjusted CMT loss available		▶		C
Net income subject to CMT calculation (if negative, enter "0")		520	40,288,000	

Amount from line 520	40,288,000	x	Number of days in the tax year before July 1, 2010 / Number of days in the tax year	/ 365	x 4 % =		1
Amount from line 520	40,288,000	x	Number of days in the tax year after June 30, 2010 / Number of days in the tax year	365 / 365	x 2.7 % =	1,087,776	2

Subtotal (amount 1 **plus** amount 2) 1,087,776 3

Gross CMT: amount on line 3 above x OAF **	540	1,087,776	
Deduct:			
Foreign tax credit for CMT purposes ***	550		
CMT after foreign tax credit deduction (line 540 **minus** line 550) (if negative, enter "0")		1,087,776	D
Deduct:			
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,858,085	
Net CMT payable (if negative, enter "0")			E

Enter amount E on line 278 of Schedule 5, *Tax Calculation Supplementary – Corporations*, and complete Part 4.

* Enter the portion of CMT loss available that exceeds the adjusted net income for the tax year from carrying on a business before the acquisition of control. See subsection 58(3) of the Ontario Act.

*** Enter "0" on line 550 for life insurance corporations as they are not eligible for this deduction. For all other corporations, enter the cumulative total of amount J for the province of Ontario from Part 9 of Schedule 21 on line 550.

** **Calculation of the Ontario allocation factor (OAF):**

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "Ontario," enter "1" on line F.

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "multiple," complete the following calculation, and enter the result on line F:

Ontario taxable income **** / Taxable income ***** ______ = ______

Ontario allocation factor . . . . 1.00000 F

**** Enter the amount allocated to Ontario from column F in Part 1 of Schedule 5. If the taxable income is nil, calculate the amount in column F as if the taxable income were $1,000.

***** Enter the taxable income amount from line 360 or amount Z of the T2 return, whichever applies. If the taxable income is nil, enter "1,000".

Part 4 – Calculation of CMT credit carryforward

CMT credit carryforward at the end of the previous tax year *		470,086	G		
Deduct:					
CMT credit expired *	600				
CMT credit carryforward at the beginning of the current tax year * (see note below)		470,086	▶ 620	470,086	
Add:					
CMT credit carryforward balances transferred on an amalgamation or the windup of a subsidiary (see note below)			650		
CMT credit available for the tax year (amount on line 620 **plus** amount on line 650)				470,086	H
Deduct:					
CMT credit deducted in the current tax year (amount P from Part 5)				470,086	I
Subtotal (amount H **minus** amount I)					J
Add:					
Net CMT payable (amount E from Part 3)					
SAT payable (amount O from Part 6 of Schedule 512)					
Subtotal			▶		K
CMT credit carryforward at the end of the tax year (amount J **plus** amount K)			670		L

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line G or line 600;
- for line 620, enter the amount from line 2336 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line G the amount from line 670 of Schedule 510 from the previous tax year.

Note: If you entered an amount on line 620 or line 650, complete Part 6.

Part 5 – Calculation of CMT credit deducted from Ontario corporate income tax payable

CMT credit available for the tax year (amount H from Part 4)				470,086	M
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,858,085	1		
For a corporation that is not a life insurance corporation:					
CMT after foreign tax credit deduction (amount D from Part 3)	1,087,776	2			
For a life insurance corporation:					
Gross CMT (line 540 from Part 3)		3			
Gross SAT (line 460 from Part 6 of Schedule 512)		4			
The **greater** of amounts 3 and 4		5			
Deduct: line 2 or line 5, whichever applies:		1,087,776	6		
Subtotal (if negative, enter "0")		770,309	▶	770,309	N
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,858,085			
Deduct:					
Total refundable tax credits excluding Ontario qualifying environmental trust tax credit (amount J6 **minus** line 450 from Schedule 5)		183,096			
Subtotal (if negative, enter "0")		1,674,989	▶	1,674,989	O
CMT credit deducted in the current tax year (least of amounts M, N, and O)				470,086	P

Enter amount P on line 418 of Schedule 5 and on line I in Part 4 of this schedule.

Is the corporation claiming a CMT credit earned before an acquisition of control? 675 1 Yes ☐ 2 No ☒

If you answered **yes** to the question at line 675, the CMT credit deducted in the current tax year may be restricted. For information on how the deduction may be restricted, see subsections 53(6) and (7) of the Ontario Act.

Part 6 – Analysis of CMT credit available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	CMT credit balance *
10th previous tax year	680
9th previous tax year	681
8th previous tax year	682
7th previous tax year	683
6th previous tax year	684
5th previous tax year	685
4th previous tax year	686
3rd previous tax year	687
2nd previous tax year	688
1st previous tax year	689
Total **	

* CMT credit that was earned (by the corporation, predecessors of the corporation, and subsidiaries wound up into the corporation) in each of the previous 10 tax years and has not been deducted.

** Must equal the total of the amounts entered on lines 620 and 650 in Part 4.

Part 7 – Calculation of CMT loss carryforward

CMT loss carryforward at the end of the previous tax year *	______		Q
Deduct:			
CMT loss expired *	700 ______		
CMT loss carryforward at the beginning of the tax year * (see note below)	______ ►	720 ______	
Add:			
CMT loss transferred on an amalgamation under section 87 of the federal Act ** (see note below)		750 ______	
CMT loss available (line 720 **plus** line 750)		______	R
Deduct:			
CMT loss deducted against adjusted net income for the tax year (lesser of line 490 (if positive) and line C in Part 3)		______	
Subtotal (if negative, enter "0")		______	S
Add:			
Adjusted net loss for CMT purposes (amount from line 490 in Part 2, if **negative**) (enter as a positive amount)		760 ______	
CMT loss carryforward balance at the end of the tax year (amount S **plus** line 760)		770 ______	T

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line Q or line 700;
- for line 720, enter the amount from line 2214 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line Q the amount from line 770 of Schedule 510 from the previous tax year.

** Do not include an amount from a predecessor corporation if it was controlled at any time before the amalgamation by any of the other predecessor corporations.

Note: If you entered an amount on line 720 or line 750, complete Part 8.

Part 8 – Analysis of CMT loss available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	Balance earned in a tax year ending before March 23, 2007 *	Balance earned in a tax year ending after March 22, 2007 **
10th previous tax year	810	820
9th previous tax year	811	821
8th previous tax year	812	822
7th previous tax year	813	823
6th previous tax year	814	824
5th previous tax year	815	825
4th previous tax year	816	826
3rd previous tax year	817	827
2nd previous tax year	818	828
1st previous tax year		829
Total ***		

* Adjusted net loss for CMT purposes that was earned (by the corporation, by subsidiaries wound up into or amalgamated with the corporation before March 22, 2007, and by other predecessors of the corporation) in each of the previous 10 tax years that ended before March 23, 2007, and has not been deducted.

** Adjusted net loss for CMT purposes that was earned (by the corporation and its predecessors, but not by a subsidiary predecessor) in each of the previous 20 tax years that ended after March 22, 2007, and has not been deducted.

*** The total of these two columns must equal the total of the amounts entered on lines 720 and 750.

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SCHEDULE 511

ONTARIO CORPORATE MINIMUM TAX – TOTAL ASSETS AND REVENUE FOR ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- For use by corporations to report the total assets and total revenue of all the Canadian or foreign corporations with which the filing corporation was associated at any time during the tax year. These amounts are required to determine if the filing corporation is subject to corporate minimum tax.
- Total assets and total revenue include the associated corporation's share of any partnership(s)/joint venture(s) total assets and total revenue.
- Attach additional schedules if more space is required.
- File this schedule with the *T2 Corporation Income Tax Return*.

	Names of associated corporations 200	Business number (Canadian corporation only) (see Note 1) 300	Total assets* (see Note 2) 400	Total revenue** (see Note 2) 500
1	Hydro Ottawa Holding Inc./Societe De Portefeuille D'I	89411 0816 RC0001	981,698,000	49,998,000
2	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	283,406,000	30,458,000
3	Telecom Ottawa Holding Inc. / Societe De Portefeuille	86202 9337 RC0001	17,140,000	45,000
4	PowerTrail Inc.	82829 3944 RC0001	12,349,000	4,036,000
5	Moose Creek Energy Inc.	82851 1311 RC0001	200	0
6	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	100	0
7	Chaudiere Water Power Inc/Energie Hydraulique De L	10093 1955 RC0001	611,000	2,682,000
8	2425932 ONTARIO INC.	80053 3846 RC0001	106,647,071	0
9	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	101	0
10	EO GENERATION GP INC.	83966 8308 RC0001	327	24
11	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	55,000	0
12	SOLARTRAIL GP INC.	81087 4164 RC0001	101	0
13	EONY GENERATION HOLDING INC.	NR	0	0
14	EONY GENERATION LIMITED	NR	0	0
15	9927891 CANADA INC.	74962 8699 RC0001	55,917,738	0
16	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	380,081	203,233
17	ENERGY OTTAWA CABLE TESTING SERVICES INC.	74276 6892 RC0001	2,328,231	363,493
18	HULL ENERGY GP INC.	74882 0321 RC0001	47	0
19	Smart City Lighting Inc.	79280 8719 RC0001	1	0
		Total	450 1,460,532,998	550 87,785,750

Enter the total assets from line 450 on line 116 in Part 1 of Schedule 510, *Ontario Corporate Minimum Tax*.
Enter the total revenue from line 550 on line 146 in Part 1 of Schedule 510.

Note 1: Enter ¨NR¨ if a corporation is not registered.

Note 2: If the associated corporation does not have a tax year that ends in the filing corporation's current tax year but was associated with the filing corporation in the previous tax year of the filing corporation, enter the total revenue and total assets from the tax year of the associated corporation that ends in the previous tax year of the filing corporation.

*** Rules for total assets**

- Report total assets in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Include the associated corporation's share of the total assets of partnership(s) and joint venture(s) but exclude the recorded asset(s) for the investment in partnerships and joint ventures.
- Exclude unrealized gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

**** Rules for total revenue**

- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the associated corporation has 2 or more tax years ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of those tax years by 365 and **divide** by the total number of days in all of those tax years.
- If the associated corporation's tax year is less than 51 weeks and is the only tax year of the associated corporation that ends in the filing corporation's tax year, **multiply** the associated corporation's total revenue by 365 and **divide** by the number of days in the associated corporation's tax year.
- Include the associated corporation's share of the total revenue of partnerships and joint ventures.
- If the partnership or joint venture has 2 or more fiscal periods ending in the associated corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.

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SCHEDULE 546

CORPORATIONS INFORMATION ACT ANNUAL RETURN FOR ONTARIO CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- This schedule should be completed by a corporation that is incorporated, continued, or amalgamated in Ontario and subject to the Ontario *Business Corporations Act* (BCA) or Ontario *Corporations Act* (CA), except for registered charities under the federal *Income Tax Act*. This completed schedule serves as a *Corporations Information Act* Annual Return under the *Ontario Corporations Information Act*.
- Complete parts 1 to 4. Complete parts 5 to 7 only to report change(s) in the information recorded on the Ontario Ministry of Government Services (MGS) public record.
- This schedule must set out the required information for the corporation as of the date of delivery of this schedule.
- A completed Ontario *Corporations Information Act* Annual Return must be delivered within six months after the end of the corporation's tax year-end. The MGS considers this return to be delivered on the date that it is filed with the Canada Revenue Agency (CRA) together with the corporation's income tax return.
- It is the corporation's responsibility to ensure that the information shown on the MGS public record is accurate and up-to-date. To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. Visit **www.ServiceOntario.ca** for more information.
- This schedule contains non-tax information collected under the authority of the Ontario *Corporations Information Act*. This information will be sent to the MGS for the purposes of recording the information on the public record maintained by the MGS.

Part 1 – Identification

100 Corporation's name (exactly as shown on the MGS public record)
Hydro Ottawa Limited/Hydro Ottawa Limitee

Jurisdiction incorporated, continued, or amalgamated, whichever is the most recent	110 Date of incorporation or amalgamation, whichever is the most recent	Year Month Day	120 Ontario Corporation No.
Ontario		2000-10-03	1427586

Part 2 – Head or registered office address (P.O. box not acceptable as stand-alone address)

200 Care of (if applicable)

210 Street number	220 Street name/Rural route/Lot and Concession number	230 Suite number
3025	Albion Road North	

240 Additional address information if applicable (line 220 must be completed first)
PO Box 8700

250 Municipality (e.g., city, town)	260 Province/state	270 Country	280 Postal/zip code
Ottawa	ON	CA	K1G 3S4

Part 3 – Change identifier

Have there been any changes in any of the information most recently filed for the public record maintained by the MGS for the corporation with respect to names, addresses for service, and the date elected/appointed and, if applicable, the date the election/appointment ceased of the directors and five most senior officers, or with respect to the corporation's mailing address or language of preference? To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. For more information, visit **www.ServiceOntario.ca**.

300 1 If there have been no changes, enter **1** in this box and then go to "Part 4 – Certification."
If there are changes, enter **2** in this box and complete the applicable parts on the next page, and then go to "Part 4 – Certification."

Part 4 – Certification

I certify that all information given in this *Corporations Information Act* Annual Return is true, correct, and complete.

450 Simpson (Last name) **451** Geoff (First name)

454 ______________________, (Middle name(s))

460 2 Please enter one of the following numbers in this box for the above-named person: **1** for director, **2** for officer, or **3** for other individual having knowledge of the affairs of the corporation. If you are a director and officer, enter **1** or **2**.

Note: Sections 13 and 14 of the Ontario *Corporations Information Act* provide penalties for making false or misleading statements or omissions.

Complete the applicable parts to report changes in the information recorded on the MGS public record.

Part 5 – Mailing address

500 ☐ Please enter one of the following numbers in this box:

1 - Show no mailing address on the MGS public record.
2 - The corporation's mailing address is the same as the head or registered office address in Part 2 of this schedule.
3 - The corporation's complete mailing address is as follows:

510 Care of (if applicable)

520 Street number	**530** Street name/Rural route/Lot and Concession number	**540** Suite number

550 Additional address information if applicable (line 530 must be completed first)

560 Municipality (e.g., city, town)	**570** Province/state	**580** Country	**590** Postal/zip code

Part 6 – Language of preference

600 ☐ Indicate your language of preference by entering **1** for English or **2** for French. This is the language of preference recorded on the MGS public record for communications with the corporation. It may be different from line 990 on the T2 return.

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SCHEDULE 550

ONTARIO CO-OPERATIVE EDUCATION TAX CREDIT

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule to claim an Ontario co-operative education tax credit (CETC) under section 88 of the *Taxation Act, 2007* (Ontario).
- The CETC is a refundable tax credit that is equal to an eligible percentage (10% to 30%) of the eligible expenditures incurred by a corporation for a qualifying work placement. The maximum credit amount is $1,000 for each qualifying work placement ending before March 27, 2009, and $3,000 for each qualifying work placement beginning after March 26, 2009. For a qualifying work placement that straddles March 26, 2009, the maximum credit amount is prorated.
- Eligible expenditures are salaries and wages (including taxable benefits) paid or payable to a student in a qualifying work placement, or fees paid or payable to an employment agency for services performed by the student in a qualifying work placement. These expenditures must be paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario. Expenditures for a work placement (WP) are not eligible expenditures if they are greater than the amounts that would be paid to an arm's length employee.
- A WP must meet all of the following conditions to be a qualifying work placement:
  - the student performs employment duties for a corporation under a qualifying co-operative education program (QCEP);
  - the WP has been developed or approved by an eligible educational institution as a suitable learning situation;
  - the terms of the WP require the student to engage in productive work;
  - the WP is for a period of at least 10 consecutive weeks or, in the case of an internship program, not less than 8 consecutive months and not more than 16 consecutive months;
  - the student is paid for the work performed in the WP;
  - the corporation is required to supervise and evaluate the job performance of the student in the WP;
  - the institution monitors the student's performance in the WP; and
  - the institution has certified the WP as a qualifying work placement.
- Make sure you keep a copy of the letter of certification from the Ontario eligible educational institution containing the name of the student, the employer, the institution, the term of the WP, and the name/discipline of the QCEP to support the claim. Do not submit the letter of certification with the *T2 Corporation Income Tax Return*.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information	**120** Telephone number including area code
Bettina Yau	(613) 738-5499

Is the claim filed for a CETC earned through a partnership?* . . . . . **150** 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 150, what is the name of the partnership? . . . . . **160** ______

Enter the percentage of the partnership's CETC allocated to the corporation . . . . . **170** ______ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 550 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 550 to claim the partner's share of the partnership's CETC. The allocated amounts can not exceed the amount of the partnership's CETC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . **200** 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the *Taxation Act*, 2007 (Ontario)? . . . . . **210** 1 Yes [ ] 2 No [X]

If you answered **no** to question 1 or **yes** to question 2, then the corporation is **not eligible** for the CETC.

Part 3 – Eligible percentage for determining the eligible amount

Corporation's salaries and wages paid in the previous tax year * **300** 74,128,000

For eligible expenditures incurred before March 27, 2009:

- If line 300 is $400,000 or less, enter 15% on line 310.
- If line 300 is $600,000 or more, enter 10% on line 310.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 310 using the following formula:

$$\text{Eligible percentage} = 15\,\% - \left[5\,\% \times \frac{(\text{amount on line 300} \ \textbf{minus} \ \$\ 400{,}000)}{\$\ 200{,}000} \right]$$

Eligible percentage for determining the eligible amount . . . . . **310** 10.000 %

For eligible expenditures incurred after March 26, 2009:

- If line 300 is $400,000 or less, enter 30% on line 312.
- If line 300 is $600,000 or more, enter 25% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Eligible percentage} = 30\,\% - \left[5\,\% \times \frac{(\text{amount on line 300} \ \textbf{minus} \ \$\ 400{,}000)}{\$\ 200{,}000} \right]$$

Eligible percentage for determining the eligible amount . . . . . **312** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 88(9) of the *Taxation Act, 2007* (Ontario) applies, enter the salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Calculation of the Ontario co-operative education tax credit

Complete a separate entry for each student for each qualifying work placement that ended in the corporation's tax year. If a qualifying work placement would otherwise exceed four consecutive months, divide the WP into periods of four consecutive months and enter each full period of four consecutive months as a separate WP. If the WP does not divide equally into four-month periods and if the period that is less than 4 months is 10 or more consecutive weeks, then enter that period as a separate WP. If that period is less than 10 consecutive weeks, then include it with the WP for the last period of 4 consecutive months. Consecutive WPs with two or more associated corporations are deemed to be with only one corporation, as designated by the corporations.

	A Name of university, college, or other eligible educational institution **400**	B Name of qualifying co-operative education program **405**
1.	Algonquin College	Construction Engineering Technician
2.	Carleton University	Bachelor of Engineering, Electrical
3.	Carleton University	Bachelor of Engineering, Mechanical
4.	Algonquin College	Powerline Technician
5.	Algonquin College	Powerline Technician
6.	Algonquin College	Powerline Technician
7.	Algonquin College	Powerline Technician
8.	Algonquin College	Powerline Technician
9.	Algonquin College	Powerline Technician
10.	Algonquin College	Powerline Technician
11.	Algonquin College	Powerline Technician
12.	Algonquin College	Powerline Technician
13.	Carleton University	Powerline Technician
14.	Carleton University	Construction Engineering Technician
15.	Carleton University	Bachelor of Engineering, Mechanical
16.	Carleton University	Bachelor of Engineering, Electrical
17.	Carleton University	Bachelor of Engineering, Electrical
18.	Niagara College Canada	Electrical Engineering Technology
19.	Georgian College	Electrical Engineering Technology/Technician
20.	Georgian College	Electrical Engineering Technology/Technician
21.	Carleton University	Bachelor of Engineering, Mechanical
22.		

	C Name of student 410	D Start date of WP (see note 1 below) 430	E End date of WP (see note 2 below) 435
1.	[redacted]	2017-05-01	2017-08-25
2.	[redacted]	2017-05-01	2017-08-25
3.	[redacted]	2017-05-01	2017-08-25
4.	[redacted]	2017-05-01	2017-09-01
5.	[redacted]	2017-05-01	2017-09-01
6.	[redacted]	2017-05-01	2017-09-01
7.	[redacted]	2017-05-01	2017-09-01
8.	[redacted]	2017-05-01	2017-09-01
9.	[redacted]	2017-05-01	2017-09-01
10.	[redacted]	2017-05-01	2017-09-01
11.	[redacted]	2017-05-01	2017-09-01
12.	[redacted]	2017-05-01	2017-09-01
13.	[redacted]	2017-05-01	2017-09-01
14.	[redacted]	2017-09-05	2017-12-21
15.	[redacted]	2017-01-02	2017-04-25
16.	[redacted]	2017-01-02	2017-04-25
17.	[redacted]	2017-05-01	2017-08-25
18.	[redacted]	2017-01-02	2017-04-28
19.	[redacted]	2017-01-03	2017-04-28
20.	[redacted]	2017-09-05	2017-12-21
21.	[redacted]	2017-09-05	2017-12-21
22.			

Note 1: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the start date for the separate WP.

Note 2: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the end date for the separate WP.

Part 4 – Calculation of the Ontario co-operative education tax credit (continued)

	F1 Eligible expenditures before March 27, 2009 (see note 1 below) 450	Eligible percentage before March 27, 2009 (from line 310 in Part 3)	F2 Eligible expenditures after March 26, 2009 (see note 1 below) 452	Eligible percentage after March 26, 2009 (from line 310a in Part 3)	X Number of consecutive weeks of the WP completed by the student before March 27, 2009 (see note 3 below)	Y Total number of consecutive weeks of the student's WP (see note 3 below)
1.		10.000 %	9,337	25.000 %		17
2.		10.000 %	11,835	25.000 %		17
3.		10.000 %	11,634	25.000 %		17
4.		10.000 %	12,411	25.000 %		18
5.		10.000 %	12,515	25.000 %		18
6.		10.000 %	13,746	25.000 %		18
7.		10.000 %	13,453	25.000 %		18
8.		10.000 %	10,407	25.000 %		18
9.		10.000 %	12,477	25.000 %		18
10.		10.000 %	13,439	25.000 %		18
11.		10.000 %	11,657	25.000 %		18
12.		10.000 %	10,164	25.000 %		18
13.		10.000 %	10,581	25.000 %		18
14.		10.000 %	10,776	25.000 %		14
15.		10.000 %	11,634	25.000 %		16
16.		10.000 %	11,428	25.000 %		16
17.		10.000 %	11,428	25.000 %		17
18.		10.000 %	11,737	25.000 %		17
19.		10.000 %	10,041	25.000 %		16
20.		10.000 %	9,670	25.000 %		14
21.		10.000 %	10,124	25.000 %		14
22.		10.000 %		25.000 %		

	G Eligible amount (eligible expenditures **multiplied** by eligible percentage) (see note 2 below) 460	H Maximum CETC per WP (see note 3 below) 462	I CETC on eligible expenditures (column G or H, whichever is less) 470	J CETC on repayment of government assistance (see note 4 below) 480	K CETC for each WP (column I or column J) 490
1.	2,334	3,000	2,334		2,334
2.	2,959	3,000	2,959		2,959
3.	2,909	3,000	2,909		2,909
4.	3,103	3,000	3,000		3,000
5.	3,129	3,000	3,000		3,000
6.	3,437	3,000	3,000		3,000
7.	3,363	3,000	3,000		3,000
8.	2,602	3,000	2,602		2,602
9.	3,119	3,000	3,000		3,000
10.	3,360	3,000	3,000		3,000
11.	2,914	3,000	2,914		2,914
12.	2,541	3,000	2,541		2,541
13.	2,645	3,000	2,645		2,645
14.	2,694	3,000	2,694		2,694
15.	2,909	3,000	2,909		2,909
16.	2,857	3,000	2,857		2,857
17.	2,857	3,000	2,857		2,857
18.	2,934	3,000	2,934		2,934
19.	2,510	3,000	2,510		2,510
20.	2,418	3,000	2,418		2,418
21.	2,531	3,000	2,531		2,531

	G Eligible amount (eligible expenditures **multiplied** by eligible percentage) (see note 2 below) 460	H Maximum CETC per WP (see note 3 below) 462	I CETC on eligible expenditures (column G or H, whichever is less) 470	J CETC on repayment of government assistance (see note 4 below) 480	K CETC for each WP (column I or column J) 490
22.					

Ontario co-operative education tax credit (total of amounts in column K) **500** 58,614 **L**

or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount L:

Amount L ________ x percentage on line 170 in Part 1 ________ % = ... ________ **M**

Enter amount L or M, whichever applies, on line 452 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 550, add the amounts from line L or M, whichever applies, on all the schedules and enter the total amount on line 452 of Schedule 5.

Note 1: Reduce eligible expenditures by all government assistance, as defined under subsection 88(21) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, for the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.

Note 2: Calculate the eligible amount (Column G) using the following formula:

Column G = (column F1 x percentage on line 310) + (column F2 x percentage on line 312)

Note 3: If the WP ends before March 27, 2009, the maximum credit amount for the WP is $1,000.
If the WP begins after March 26, 2009, the maximum credit amount for the WP is $3,000.
If the WP begins before March 27, 2009, and ends after March 26, 2009, calculate the maximum credit amount using the following formula:

($1,000 x X/Y) + [$3,000 x (Y – X)/Y]

where "X" is the number of consecutive weeks of the WP completed by the student before March 27, 2009, and "Y" is the total number of consecutive weeks of the student's WP.

Note 4: When claiming a CETC for repayment of government assistance, complete a **separate entry** for each repayment and complete columns A to E and J and K with the details for the previous year WP in which the government assistance was received. Include the amount of government assistance repaid in the tax year multiplied by the eligible percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the CETC in that tax year.

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Schedule 552

Ontario Apprenticeship Training Tax Credit

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule to claim an Ontario apprenticeship training tax credit (ATTC) under section 89 of the *Taxation Act, 2007* (Ontario).
- The ATTC is a refundable tax credit that is equal to a specified percentage (25% to 45%) of the eligible expenditures incurred by a corporation for a qualifying apprenticeship. For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015, the maximum credit for each qualifying apprenticeship is $10,000 per year to a maximum credit of $40,000 over the first 48-month period of the qualifying apprenticeship. For an apprenticeship program that began after April 23, 2015, the maximum credit for each qualifying apprenticeship is $5,000 per year to a maximum credit of $15,000 over the first 36-month period of the qualifying apprenticeship.
- Eligible expenditures are salaries and wages (including taxable benefits) paid to an apprentice in a qualifying apprenticeship or fees paid to an employment agency for the provision of services performed by the apprentice in a qualifying apprenticeship. These expenditures must be:
  - paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario;
  - for services provided by the apprentice during the first 48 months of the apprenticeship program, if an apprenticeship program began before April 24, 2015; and
  - for services provided by the apprentice during the first 36 months of the apprenticeship program, if an apprenticeship program began after April 23, 2015.
- An expenditure is not eligible for an ATTC if:
  - the same expenditure was used, or will be used, to claim a co-operative education tax credit; or
  - it is more than an amount that would be paid to an arm's length apprentice.
- An apprenticeship must meet the following conditions to be a qualifying apprenticeship:
  - the apprenticeship is in a qualifying skilled trade approved by the Ministry of Training, Colleges and Universities (Ontario) or a person designated by him or her; and
  - the corporation and the apprentice must be participating in an apprenticeship program in which the training agreement has been registered under the *Ontario College of Trades and Apprenticeship Act, 2009, or* the *Apprenticeship and Certification Act, 1998,* or in which the contract of apprenticeship has been registered under the *Trades Qualification and Apprenticeship Act*.
- Do not submit the training agreement or contract of apprenticeship with your *T2 Corporation Income Tax Return*. Keep a copy of the training agreement or contract of apprenticeship to support your claim.
- File this schedule with your *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number
Bettina Yau	(613) 738-5499

Is the claim filed for an ATTC earned through a partnership? * . . . . . **150** 1 Yes ☐ 2 No ☒

If you answered **yes** to the question at line 150, what is the name of the partnership? . **160** ______

Enter the percentage of the partnership's ATTC allocated to the corporation . . . . . **170** ______ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 552 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 552 to claim the partner's share of the partnership's ATTC. The total of the partners' allocated amounts can never exceed the amount of the partnership's ATTC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . **200** 1 Yes ☒ 2 No ☐
2. Was the corporation exempt from tax under Part III of the *Taxation Act, 2007* (Ontario)? . . . . . **210** 1 Yes ☐ 2 No ☒

If you answered **no** to question 1 or **yes** to question 2, then you are **not eligible** for the ATTC.

Part 3 – Specified percentage

Corporation's salaries and wages paid in the previous tax year * **300** 74,128,000

For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015:

- If line 300 is $400,000 or less, enter 45% on line 312.
- If line 300 is $600,000 or more, enter 35% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Specified percentage} = 45\% - \left[10\% \times \frac{(\text{amount on line 300} \ \textbf{minus} \ 400{,}000)}{200{,}000} \right]$$

Specified percentage . . . . . **312** 35.000 %

For eligible expenditures incurred for an apprenticeship program that began after April 23, 2015:

- If line 300 is $400,000 or less, enter 30% on line 314.
- If line 300 is $600,000 or more, enter 25% on line 314.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 314 using the following formula:

$$\text{Specified percentage} = 30\% - \left[5\% \times \frac{(\text{amount on line 300} \ \textbf{minus} \ 400{,}000)}{200{,}000} \right]$$

Specified percentage . . . . . **314** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 89(6) of the *Taxation Act, 2007* (Ontario) applies, enter salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Ontario apprenticeship training tax credit

Complete a **separate entry** for each apprentice for each qualifying apprenticeship with the corporation. When claiming an ATTC for repayment of government assistance, complete a **separate entry** for each repayment, and complete columns A to G and M and N with the details for the employment period in the previous tax year in which the government assistance was received.

	A Trade code 400	B Apprenticeship program/trade name 405	C Name of apprentice 410
1.	[redacted]	[redacted]	[redacted]
2.	[redacted]	[redacted]	[redacted]
3.	[redacted]	[redacted]	[redacted]
4.	[redacted]	[redacted]	[redacted]
5.	[redacted]	[redacted]	[redacted]
6.	[redacted]	[redacted]	[redacted]
7.	[redacted]	[redacted]	[redacted]
8.	[redacted]	[redacted]	[redacted]
9.	[redacted]	[redacted]	[redacted]
10.	[redacted]	[redacted]	[redacted]
11.	[redacted]	[redacted]	[redacted]
12.	[redacted]	[redacted]	[redacted]
13.	[redacted]	[redacted]	[redacted]
14.	[redacted]	[redacted]	[redacted]
15.	[redacted]	[redacted]	[redacted]
16.	[redacted]	[redacted]	[redacted]
17.	[redacted]	[redacted]	[redacted]
18.	[redacted]	[redacted]	[redacted]
19.	[redacted]	[redacted]	[redacted]
20.	[redacted]	[redacted]	[redacted]
21.	[redacted]	[redacted]	[redacted]
22.	[redacted]	[redacted]	[redacted]

	D Original contract or training agreement number 420	E Original registration date of apprenticeship contract or training agreement (YYYYMMDD) (see note 1) 425	F Start date of employment as an apprentice in the tax year (YYYYMMDD) (see note 2) 430	G End date of employment as an apprentice in the tax year (YYYYMMDD) (see note 3) 435
1.	[redacted]	2014-06-09	2017-01-01	2017-12-31
2.	[redacted]	2014-06-09	2017-01-01	2017-12-31
3.	[redacted]	2014-06-09	2017-01-01	2017-12-31
4.	[redacted]	2014-06-09	2017-01-01	2017-12-31
5.	[redacted]	2014-06-09	2017-01-01	2017-12-31
6.	[redacted]	2015-07-06	2017-01-01	2017-12-31
7.	[redacted]	2015-07-06	2017-01-01	2017-12-31
8.	[redacted]	2015-07-06	2017-01-01	2017-12-31
9.	[redacted]	2015-06-08	2017-01-01	2017-12-31
10.	[redacted]	2015-07-06	2017-01-01	2017-12-31
11.	[redacted]	2015-06-08	2017-01-01	2017-12-31
12.	[redacted]	2016-05-09	2017-01-01	2017-12-31
13.	[redacted]	2016-05-09	2017-01-01	2017-12-31
14.	[redacted]	2016-05-09	2017-01-01	2017-12-31
15.	[redacted]	2016-05-09	2017-01-01	2017-12-31
16.	[redacted]	2016-05-09	2017-01-01	2017-12-31
17.	[redacted]	2017-07-14	2017-05-08	2017-12-31
18.	[redacted]	2017-07-14	2017-05-08	2017-12-31
19.	[redacted]	2017-07-14	2017-05-08	2017-12-31
20.	[redacted]	2017-07-14	2017-05-08	2017-12-31
21.	[redacted]	2017-07-14	2017-05-08	2017-12-31
22.	[redacted]	2017-11-08	2017-05-08	2017-12-31

Note 1: Enter the original registration date of the apprenticeship contract or training agreement in all cases, even when multiple employers employed the apprentice.

Note 2: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the first day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the start date of employment as an apprentice for the tax year in which the government assistance was received.

Note 3: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the last day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the end date of employment as an apprentice for the tax year in which the government assistance was received.

Part 4 – Ontario apprenticeship training tax credit (continued)

	H1 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began before April 24, 2015 (see note 1) 442	H2 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began after April 23, 2015 (see note 1) 443	I Maximum credit amount for the tax year (see note 2) 445
1.	365		10,000
2.	365		10,000
3.	365		10,000
4.	365		10,000
5.	365		10,000
6.		365	5,000
7.		365	5,000
8.		365	5,000
9.		365	5,000
10.		365	5,000
11.		365	5,000
12.		365	5,000
13.		365	5,000
14.		365	5,000
15.		365	5,000
16.		365	5,000
17.		237	3,247
18.		237	3,247
19.		237	3,247
20.		237	3,247
21.		237	3,247
22.		237	3,247

Note 1: When there are multiple employment periods as an apprentice in the tax year with the corporation, do not include days in which the individual was not employed as an apprentice.
For H1: The days employed as an apprentice must be within 48 months of the registration date provided in column E.
For H2: The days employed as an apprentice must be within 36 months of the registration date provided in column E.

Note 2: Maximum credit = ($10,000 × H1/365*) or ($5,000 × H2/365*), whichever applies.
* 366 days, if the tax year includes February 29

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures **multiplied** by specified percentage (see note 4) 460
1.	84,331		29,516
2.	98,989		34,646
3.	94,983		33,244
4.	107,869		37,754
5.	93,580		32,753
6.		80,254	20,064
7.		78,487	19,622
8.		83,907	20,977
9.		79,263	19,816
10.		81,014	20,254
11.		84,439	21,110
12.		70,486	17,622
13.		73,613	18,403
14.		71,790	17,948
15.		70,901	17,725
16.		83,478	20,870
17.		42,618	10,655
18.		37,352	9,338

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures **multiplied** by specified percentage (see note 4) 460
19.		44,636	11,159
20.		41,918	10,480
21.		47,243	11,811
22.		62,616	15,654

Note 3: Reduce eligible expenditures by all government assistance, as defined under subsection 89(19) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, in respect of the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.

For J1: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 48 months of the apprenticeship program, and not relating to services performed before the apprenticeship program began or after it ended.

For J2: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 36 months of the apprenticeship program, and not relating to services performed before the apprenticeship began or after it ended.

Note 4: Calculate the amount in column K as follows:
Column K = (J1 × line 312) or (J2 × line 314), whichever applies.

	L ATTC on eligible expenditures (lesser of columns I and K) 470	M ATTC on repayment of government assistance (see note 5) 480	N ATTC for each apprentice (column L or M, whichever applies) 490
1.	10,000		10,000
2.	10,000		10,000
3.	10,000		10,000
4.	10,000		10,000
5.	10,000		10,000
6.	5,000		5,000
7.	5,000		5,000
8.	5,000		5,000
9.	5,000		5,000
10.	5,000		5,000
11.	5,000		5,000
12.	5,000		5,000
13.	5,000		5,000
14.	5,000		5,000
15.	5,000		5,000
16.	5,000		5,000
17.	3,247		3,247
18.	3,247		3,247
19.	3,247		3,247
20.	3,247		3,247
21.	3,247		3,247
22.	3,247		3,247

Ontario apprenticeship training tax credit (total of amounts in column N) 500 124,482 O

Or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount O:

Amount O ________ x percentage on line 170 in Part 1 ______ % = ... ________ P

Enter amount O or P, whichever applies, on line 454 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 552, **add** the amounts from line O or P, whichever applies, on all the schedules, and enter the total amount on line 454 of Schedule 5.

Note 5: Include the amount of government assistance repaid in the tax year multiplied by the specified percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the ATTC in that tax year. Complete a **separate entry** for each repayment of government assistance.

See the privacy notice on your return.

Canada Revenue Agency — Agence du revenu du Canada

Code 1501

Scientific Research and Experimental Development (SR&ED) Expenditures Claim

Use this form:

- to provide technical information on your SR&ED projects;
- to calculate your SR&ED expenditures; and
- to calculate your qualified SR&ED expenditures for investment tax credits (ITC).

To claim an ITC, use either:

- Schedule T2SCH31, *Investment Tax Credit – Corporations*, or
- Form T2038(IND), *Investment Tax Credit (Individuals)*.

The information requested in this form and documents supporting your expenditures and project information (Part 2) are prescribed information.

Your SR&ED claim must be filed within 12 months of the filing due date of your income tax return.

To help you fill out this form, use the T4088, *Guide to Form T661*, which is available on our Web site: **www.cra.gc.ca/sred**.

Part 1 – General information

010 Name of claimant: Hydro Ottawa Limited/Hydro Ottawa Limitee	Enter one of the following:	
Tax year From: 2017-01-01 (Year Month Day) To: 2017-12-31 (Year Month Day)	Business number (BN): 86339 1363 RC0001	
050 Total number of projects you are claiming this tax year: 2	Social insurance number (SIN):	
100 Contact person for the financial information: Bettina Yau	**105** Telephone number/extension: (613) 738-5499	**110** Fax number: (613) 738-5486
115 Contact person for the technical information: Bettina Yau	**120** Telephone number/extension: (613) 738-5499	**125** Fax number:

151 If this claim is filed for a partnership, was Form T5013 filed? . . . . . 1 ☐ Yes 2 ☐ No

If you answered **no** to line 151, complete lines 153, 156 and 157.

153 Names of the partners	**156** %	**157** BN or SIN
1		
2		
3		
4		
5		

Part 2 - Project information

CRA internal form identifier 060
Code 1501

Complete a separate Part 2 for each project claimed this year.

Section A - Project identification

200 Project title (and identification code if applicable)

See schedule

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

Part 3 – Calculation of SR&ED expenditures

What did you spend on your SR&ED projects?

Section A – Select the method to calculate the SR&ED expenditures

I elect (choose) to use the following method to calculate my SR&ED expenditures and related investment tax credits (ITC) for this tax year.
I understand that my election is irrevocable (cannot be changed) for this tax year.

160 1 [X] I elect to use the proxy method (Enter "0" on line 360 and complete Part 5.)

162 1 [ ] I choose to use the traditional method (Enter "0" on lines 355 and 502. Complete line 360.)

Section B – Calculation of allowable SR&ED expenditures (to the nearest dollar)

	Line		Amount
• SR&ED portion of salary or wages of employees directly engaged in the SR&ED:			
a) Employees other than specified employees for work performed in Canada	300	+	1,677,201
b) Specified employees for work performed in Canada	305	+	
Subtotal (add lines 300 and 305)	306	=	1,677,201
c) Employees other than specified employees for work performed outside Canada (subject to limitations – see guide)	307	+	
d) Specified employees for work performed outside Canada (subject to limitations – see guide)	309	+	
• Salary or wages identified on line 315 in prior years that were paid in this tax year	310	+	
• Salary or wages incurred in the year but not paid within 180 days of the tax year end	315		
• Cost of materials consumed in performing SR&ED	320	+	
• Cost of materials transformed in performing SR&ED	325	+	
• Contract expenditures for SR&ED performed on your behalf:			
a) Arm's length contracts (see note 1)	340	+	3,040,994
b) Non-arm's length contracts (see note 1)	345	+	
• Lease costs of equipment used **before 2014**:			
a) All or substantially all (90% of the time or more) for SR&ED	350	+	
b) Primarily (more than 50% of the time but less than 90%) for SR&ED. (Enter 50% of lease costs if you use the proxy method or enter "0" if you use the traditional method)	355	+	
• Overhead and other expenditures (enter "0" if you use the proxy method)	360	+	
• Third-party payments (see note 2) (complete Form T1263*)	370	+	
Total current SR&ED expenditures (add lines 306 to 370; do not add line 315) (Corporations may need to adjust line 118 of schedule T2SCH1)	380	=	4,718,195
• Capital expenditures for depreciable property available for use **before 2014** (Do not include these capital expenditures on schedule T2SCH8)	390	+	
Total allowable SR&ED expenditures (add lines 380 and 390)	400	=	4,718,195

Section C – Calculation of pool of deductible SR&ED expenditures (to the nearest dollar)

	Line		Amount
Amount from line 400	420		4,718,195
Deduct			
• provincial government assistance for expenditures included on line 400	429	–	143,850
• other government assistance for expenditures included on line 400	431	–	
• non-government assistance for expenditures included on line 400	432	–	
• SR&ED ITCs applied and/or refunded in the prior year (see guide)	435	–	
• sale of SR&ED capital assets and other deductions	440	–	
Subtotal (line 420 minus lines 429 to 440)	442	=	4,574,345
Add			
• repayments of government and non-government assistance that previously reduced the SR&ED expenditure pool	445	+	
• prior year's pool balance of deductible SR&ED expenditures (from line 470 of prior year T661)	450	+	
• SR&ED expenditure pool transfer from amalgamation or wind-up	452	+	
• amount of SR&ED ITC recaptured in the prior year	453	+	
Amount available for deduction (add lines 442 to 453) (enter positive amount only, include negative amount in income)	455	=	4,574,345
• Deduction claimed in the year (Corporations should enter this amount on line 411 of schedule T2SCH1)	460	–	4,574,345
Pool balance of deductible SR&ED expenditures to be carried forward to future years (line 455 minus 460)	470	=	

* Form T1263, *Third-Party Payments for Scientific Research and Experimental Development (SR&ED)*

Note 1 – For contract expenditures made after 2013, no amounts for purchasing or leasing capital property can be included.

Note 2 – For third-party payments made after 2013, no amounts for purchasing or leasing capital property can be included.

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

Part 4 – Calculation of qualified SR&ED expenditures for investment tax credit (ITC) purposes

The resulting amount is used to calculate your refundable and/or non refundable ITC.

Enter the breakdown between current and capital expenditures (to the nearest dollar)

	Line	Current Expenditures	Line	Capital Expenditures
Total expenditures for SR&ED (from lines 380 and 390)	492	4,718,195	496	
Add				
• payment of prior years' unpaid amounts (other than salary or wages) (see note 5)	500 +			
• prescribed proxy amount (complete Part 5) (Enter "0" if you use the traditional method)	502 +	918,249		
• expenditures on shared-use equipment for property acquired **before 2014**			504 +	
• qualified expenditures transferred to you (see note 3) (complete Form T1146**)	508 +		510 +	
Subtotal (add lines 492 to 508, and add lines 496 to 510)	511 =	5,636,444	512 =	
Deduct (see note 4)				
• provincial government assistance	513 –	175,989	514 –	
• other government assistance	515 –		516 –	
• non-government assistance and contract payments	517 –		518 –	
• current expenditures (other than salary or wages) not paid within 180 days of the tax year end (see note 5)	520 –			
• amounts paid in respect of an SR&ED contract to a person or partnership that is not a taxable supplier	528 –			
• 20% of expenditures included on lines 340 and 370	529 –	608,199		
• prescribed expenditures not allowed by regulations (see guide)	530 –		532 –	
• other deductions (see guide)	533 –		535 –	
• non-arm's length transactions				
– assistance allocated to you (complete Form T1145*)	538 –		540 –	
– expenditures for non-arm's length SR&ED contracts (from line 345)	541 –			
– adjustments to purchases (limited to costs) of goods and services from non-arm's length suppliers (see guide)	542 –		543 –	
– qualified expenditures you transferred (complete Form T1146**)	544 –		546 –	
Subtotal (line 511 minus lines 513 to 544 and line 512 minus lines 514 to 546)	557 =	4,852,256	558 =	
Qualified SR&ED expenditures (add lines 557 and 558)			559 =	4,852,256
Add				
• repayments of assistance and contract payments made in the year			560 +	
Total qualified SR&ED expenditures for ITC purposes (add lines 559 and 560)			570 =	4,852,256

* Form T1145, *Agreement to Allocate Assistance for SR&ED Between Persons Not Dealing at Arm's Length*

** Form T1146, *Agreement to Transfer Qualified Expenditures Incurred in Respect of SR&ED Contracts Between Persons Not Dealing at Arm's Length*

Note 3 – On line 510 (capital) – Only include expenditures made before 2014 by the transferor (performer). Complete the latest version of Form T1146.

Note 4 – On lines 514, 516, 518, 532, 535, 540, 543 and 546 – Only include amounts related to expenditures of a capital nature made before 2014.

Note 5 – For arm's length contracts, only include 80% of the contract amount.

Part 5 – Calculation of prescribed proxy amount (PPA)

A notional amount representing your overhead and other expenditures.

This part calculates the PPA to enter on line 502 in Part 4. Do not complete this part if you have chosen to use the traditional method in Part 3 (line 162).
You can only claim a PPA if you elected to use the proxy method for the year in Part 3 (line 160).

Special rules apply for specified employees. Calculate your salary base in Section A and the PPA in Section B.

Section A – Salary base

Salary or wages of employees other than specified employees (from lines 300 and 307)	810	+	1,677,201
Deduct			
Bonuses, remuneration based on profits, and taxable benefits that were included on line 810	812	–	7,657
Subtotal (line 810 minus 812)	814	=	1,669,544

Salary or wages of specified employees

850	852	854	856	858	860
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Name of specified employee	Total salary or wages for the year (SR&ED and non-SR&ED) excluding bonuses, remuneration based on profits, and taxable benefits (to the nearest dollar)	% of time spent on SR&ED (maximum 75%)	Amount in column 2 multiplied by percentage in column 3	2,5 x A x B/365 A = Year's maximum pensionable earnings B = Number of days employed in tax year	Amount in column 4 or 5, whichever amount is less

(Enter total of column 6 on line 816) 816 +

Salary base (total of lines 814 and 816)	818	=	1,669,544

Section B – Prescribed proxy amount (PPA)

Enter 65% of the salary base (line 818) less 5% of the salary base for the number of 2013 calendar days in the tax year, and less 10% of the salary base for number of days after 2013 in the tax year (use the formula in the guide-line 820) .... 820 = 918,249

Enter the amount from line 820 on line 502 in Part 4 unless the overall cap on PPA applies to you.

(See the guide for explanation and example of the overall cap on PPA)

Part 6 – Project costs

Information requested in this part must be provided for **all** SR&ED projects claimed in the year.
Expenditures should be recorded and allocated on a project basis.

750	752	754	756
Project title or identification code	Salary or wages in the tax year (Total of lines 306 to 309)	Cost of materials in the tax year (Total of lines 320 and 325)	Contract expenditures for SR&ED performed on your behalf in the tax year (Total of lines 340 and 345)
1. HOL2017-02 Advanced Smart Grid Concepts	1,020,936		539,146
2. HOL2017-01 Integration of disparate Enterprise Systems	656,265		2,501,848
Total	1,677,201		3,040,994

Part 7 – Additional information

Expenditures for SR&ED performed by you in Canada (line 400 minus lines 307, 309, 340, 345, and 370) 605 1,677,201

From the total you entered on line 605, estimate the percentage of distribution of the sources of funds for SR&ED performed within your organization.

		Canadian (%)		Foreign (%)
Internal	600	100.000		
Parent companies, subsidiaries, and affiliated companies	602		604	
Federal grants (do not include funds or tax credits from SR&ED tax incentives)	606			
Federal contracts	608			
Provincial funding	610			
SR&ED contract work performed for other companies on their behalf	612		614	
Other funding (e.g., universities, foreign governments)	616		618	

For statistical purposes indicate whether the work you performed falls within the realm of Basic or Applied research (to advance scientific knowledge) or Experimental development (to achieve a technological advancement):

620 1 [ ] Basic or Applied research   622 1 [X] Experimental development

Enter the number of SR&ED personnel in full-time equivalents (FTE):

Scientists and engineers	632	4
Technologists and technicians	634	2
Managers and administrators	636	1
Other technical supporting staff	638	8

Part 8 – Claim checklist

To ensure your claim is complete, make sure you have:

1. used the current version of this form . . . . . [X]
2. entered the method you have chosen for reporting your SR&ED expenditures in Section A of Part 3 . . . . . [X]
3. completed Part 2 for each project . . . . . [X]
4. filed a completed Schedule T2SCH31 or Form T2038(IND) to claim ITCs on your qualified SR&ED expenditures . . . . . [X]
5. filed a completed Form T1145*, T1146**, T1174*** and/or T1263**** including any required attachments, if applicable . . . . . [X]

To expedite the processing of your claim, make sure you have:

1. completed Form T2, *Corporation Income Tax Return* or Form T1, *Income Tax and Benefit Return* . . . . . [X]
2. filed the appropriate provincial and/or territorial tax credit forms, if applicable . . . . . [X]
3. retained documents to support the SR&ED work performed and SR&ED expenditures you claimed . . . . . [X]
4. checked boxes 231 and 232 on page 2 of your T2 return to indicate attachment of Form T661 and Schedule T2SCH31 . . . . . [X]

* Form T1145, *Agreement to Allocate Assistance for SR&ED Between Persons Not Dealing at Arm's Length*

** Form T1146, *Agreement to Transfer Qualified Expenditures Incurred in Respect of SR&ED Contracts Between Persons Not Dealing at Arm's Length*

*** Form T1174, *Agreement Between Associated Corporations to Allocate Salary or Wages of Specified Employees for Scientific Research and Experimental Development (SR&ED)*

**** Form T1263, *Third-Party Payments for Scientific Research and Experimental Development (SR&ED)*

Part 9 – Claim preparer information

Information requested in this part must be provided for each claim preparer that has accepted consideration to prepare or assist in the preparation of this SR&ED claim. Certification is required on lines 935, 970, and 975.

A $1000 penalty may be assessed if the information requested below about the claim preparer(s) and billing arrangement(s), is missing, incomplete, or inaccurate. Where a claim preparer has prepared or assisted in the preparation of this SR&ED form, the claimant and the claim preparer will be jointly and severally, or solidarily, liable for the penalty.

935 **Was a claim preparer engaged in any aspect of the preparation of this SR&ED claim?**

1 [X] Yes (complete the claim preparer information table and lines 970 and 975 below)

2 [ ] No (complete lines 970 and 975)

Claim preparer information table

940	945	950	955	960	965
Name of claim preparer (company or individual)	Business number	Billing arrangement code (see codes*)	Billing rate (percentage, hourly/daily rate or flat fee)	Other billing arrangement(s) (Maximum 10 words)	Total fee paid, payable, or expected to pay
1. [redacted]					
				Total	[redacted]

*** Billing arrangement codes**

[redacted]

970 I, Geoff Simpson, certify that the information provided in this part is complete and accurate.
Name of authorized signing officer of the corporation, or individual (print)

Signature

975 2019-06-26
Year Month Day

PREPARED SOLELY FOR INCOME TAX PURPOSES WITHOUT AUDIT OR REVIEW FROM INFORMATION PROVIDED BY THE TAXPAYER.

Part 10 – Certification

I certify that I have examined the information provided on this form and on the attachments and it is true, correct, and complete.

165 Geoff Simpson
Name of authorized signing officer of the corporation, or individual

Signature

170 2019-06-26
Date

175 [redacted]
Name of person/firm who completed this form

Privacy Notice

Personal information is collected pursuant to subsections 37(1), 37(11), and 162(5.1) of the *Income Tax Act* (the Act) and is used for verification of compliance, administration and enforcement of the Scientific Research and Experimental Development (SR&ED) program requirements.

Information may also be used for the administration and enforcement of other provisions of the Act, including assessment, audit, enforcement, collections, and appeals, and may be disclosed under information-sharing agreements in accordance with the Act. Incomplete or inaccurate information may result in assessment of monetary penalties and delays in processing SR&ED claims.

The social insurance number is collected pursuant to section 237 of the Act and is used for identification purposes.

Information is described in personal information bank CRA PPU 441 "Scientific Research and Experimental Development" in the Canada Revenue Agency (CRA) chapter of *Info Source*. Personal information is protected under the *Privacy Act*, and individuals have a right of access to, correction, and protection of their personal information. Further details regarding requests for personal information at the CRA and our *Info Source* chapter can be found at www.cra.gc.ca/atip.

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Part 2 – Project information (continued)

Project number **1**

CRA internal form identifier 060
Code 1501

Complete a separate Part 2 for each project claimed this year.

Section A – Project identification

200 Project title (and identification code if applicable)

HOL2017-02 Advanced Smart Grid Concepts

202 Project start date	**204** Completion or expected completion date	**206** Field of science or technology code (See guide for list of codes)	
2016-04 (Year Month)	2019-06 (Year Month)	2.02.01	Electrical and electronic engineering

Project claim history

208 1 ☐ Continuation of a previously claimed project   **210** 1 ☒ First claim for the project

218 Was any of the work done jointly or in collaboration with other businesses? . . . . 1 ☐ Yes 2 ☒ No

If you answered **yes** to line 218, complete lines 220 and 221.

220 Names of the businesses	**221** BN
1	
2	
3	

Section B – Project descriptions

242 What scientific or technological uncertainties did you attempt to overcome?
(*Maximum 50 lines*)

Hydro Ottawa Ltd. (HOL or the Company) Hydro Ottawa maintains one of the safest, most reliable and cost-effective electricity distribution systems in Ontario, and serves over 320,000 residential and commercial customers across a service area of 1,100 square kilometres. HOL is seeking to improve the Company's distribution system through the integration of smart grid technologies and third-party/proprietary systems not inherently designed to work together.

It was envisaged that smart grid techniques would provide the ability to capture the state of the grid in real-time and improve the ability for prospective and retrospective execution of remedial actions in response to distribution anomalies. It would require integrations with disparate systems (OMS, SCADA, Smart Meters, etc.) and the ability to understand how to synthesize events from these systems to predict or accurately identify outage points. This necessitates data synchronization from various electrical sub systems to efficiently process multiple stochastic elements pertaining to outages. Additionally, HOL's legacy substation system for the grid management unit contains electro-mechanical relays integrated into the Supervisory Control and Data Acquisition (SCADA) using the current transducers and remote terminal units (RTUs) all connected through a serial communication link. However, the base-level technique was limited by unacceptable transmission latencies. Systematic investigations were required to understand how to reduce latencies to achieve reliable and responsive interactions between multiple sub -systems.

HOL sought for a robust telematics system for tracking the status of utility fleet. It was thought to leverage third-party systems for this purpose, particularly; Fleet Wave, a fleet management system and Geotab for collecting On-board diagnostics (OBD) data from vehicles. The existing interface required Geotab to continuously stream data to Fleet Wave. The information would then be processed and rendered as spatial coordinates by HOL's GIS/OMS. But it was determined that this integration pattern would result in noise ("event-showers ") which could potentially overwhelm computational resources. This drove the need to understand design decisions that would lead to the appropriate trade-

242 What scientific or technological uncertainties did you attempt to overcome?
(*Maximum 50 lines*)

off between performance and the granularity of transmitted OBD events (as a function of time) that would provide relevant representations of telematics information.

244 What work did you perform **in the tax year** to overcome the scientific or technological uncertainties described in line 242?
(Summarize the systematic investigation or search) (*Maximum 100 lines*)

An aspect of the smart grid research initiative included the development of a Quadruple Redundant SCADA Operational system (two at Merivale and two at Albion) that communicates with the following: field devices via DNP3 serial over various media, a corporate data historian receiving data from the SCADA data historian; Hydro One via ICCP; IESO via ICCP; HOL's OMS via ICCP. The secondary servers are based out of Albion, which are logically in the same LAN segment as the Bank St. site. In the first iteration, one side was active at any given time; in the event of a failure at the Merivale control room, the operations staff moved to the backup control room at Bank St. Also, in the event of a network connection issue between Merivale and Albion, the control room staff are split into two groups, one group at Merivale and one at Bank Street to operate each half of the now split system. To avoid this, an active-active strategy was developed to have both the primary and the backup sites to be active at the same time; when communication is restored, the system is then restored from the network-based replication methodologies. Data Acquisition capability included using DNP3 protocol to field devices; including DNP 3 serial over IP and DNP 3 IP with an option for future applications involving IEC 61850. The underlying protocol engine was engineered with the logic necessary to scan alarm, status data (e.g. breaker positions), measurement data (e.g. voltages, amperes) and accumulator data (e.g. pulse counts from accumulators for kW hour measurements) in the following modes: Demand Polling; Exception Polling; and quiescent reporting. In demand polling, the protocol engine requests all the data from the RTU each time it polls it. In exception polling, the RTU report back changed data. It also has the ability to minimize the transfer of data from the RTUs to the Master Station by having an ability such that the RTU detects whether any analog values have changed by more than a certain threshold defined by the Master Station or whether any status value has changed state from the prior scan. In quiescent reporting, the RTU initiates the communications when it has received a status change or an analog change larger than the dead band. Integrity poll is done periodically to ensure that the RTU or Communication path hasn't failed.

A necessary supporting activity targeted the design of the communication back-haul to comprise dark fibre with MPLS along with optimized packet routing. Resource reservation protocols could setup independent point-to-point labeled switching with high scalability. However, the legacy interfaces in SCADA lacked the flexibility to allow the use of network resources and the capability to react to network events fast enough to guarantee end-to-end QOS per application. Data bridging techniques were developed for data manipulation at the physical logic layer, instead of the frame layer as in Ethernet, thus reducing delay. Various subsystems like OMS and GIS were integrated to obtain periodic updates of the grid state. In FY2018, HOL will focus on developing techniques for aggregating data from the Responder for with the intent of advancing predictive analysis.

Toward the development of a telematics system, HOL sought to integrate a tracking system with a fleet management system and the OMS/grid for real-time capture of the states of utility vehicles. Investigations were done to collect the various metrics (such as engine hours, power take off, DVIR/defect report) from the GPS-based tracking system (Geotab) to the fleet management system. A middle layer was developed to map the readings from the cloud based tracking system to the on premise server in real-time with latencies under 5 seconds.

244 What work did you perform **in the tax year** to overcome the scientific or technological uncertainties described in line 242? (Summarize the systematic investigation or search) (*Maximum 100 lines*)

53. To avoid data loading issues a poll based integration pattern was
54. conceptualized. With this pattern, the fleet manager queried Geotab for OBD
55. data at periodic time intervals. Analyses were carried out to determine
56. relevant data fields that would provide the most appropriate state information
57. for geo-spatial tracking and preventative maintenance. Incremental
58. improvements will continue into the next FY.
59.

246 What scientific or technological advancements did you achieve or attempt to achieve as a result of the work described in line 244? (*Maximum 50 lines*)

1. The work performed for this project represents a technological advancement in
2. the field of Electrical Engineering. Specifically, the work performed resulted
3. in the following advancements:
4.
5. HOL developed an efficient smart grid monitoring architecture that provides
6. integration between disparate systems (OMS, SCADA, Smart Meters, etc.) while
7. achieving near real-time prediction of grid outage dynamics. The architecture
8. encompasses components developed to orchestrate and harmonize thousands of
9. disparate events within the time domain. These were critical inputs which
10. embodies algorithms for inferring whether specific event signatures would
11. result in outages. Moreover, HOL improved the protocols to transfer high
12. volume of data from different sub systems in real-time.
13.
14. If successful, the telematics solution would provide a consolidated framework
15. for real-time geo-referencing of multiple fleet vehicles. Thousands of mixed
16. readings impinge upon the GPS interface every few seconds making it
17. computationally challenging to process them all. The aforementioned poll based
18. integration solution has proven to be a solution to this issue.
19.

Section C – Additional project information

Who prepared the responses for Section B?

253 1 ☐ Employee directly involved in the project	**254** Name
255 1 ☐ Other employee of the company	**256** Name
257 1 ☒ External consultant	**258** Name [redacted] — **259** Firm [redacted]

List the key individuals directly involved in the project and indicate their qualifications/experience.

260 Names	**261** Qualifications/experience and position title
[redacted]	

265 Are you claiming any salary or wages for SR&ED performed outside Canada? . . . 1 ☐ Yes 2 ☒ No

266 Are you claiming expenditures for SR&ED carried out on behalf of another party? . . . 1 ☐ Yes 2 ☒ No

267 Are you claiming expenditures for SR&ED performed by people other than your employees? . . . 1 ☒ Yes 2 ☐ No

If you answered **yes** to line 267, complete lines 268 and 269.

268 Names of individuals or companies	**269** BN
[redacted]	

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86339 1363 RC0001

268 Names of individuals or companies	269 BN
[redacted]	
6	

What evidence do you have to support your claim? (Check any that apply)
You do not need to submit these items with the claim. However, you are required to retain them in the event of a review.

270 1 [X] Project planning documents	276 1 [X] Progress reports, minutes of project meetings
271 1 [X] Records of resources allocated to the project, time sheets	277 1 [X] Test protocols, test data, analysis of test results, conclusions
272 1 [ ] Design of experiments	278 1 [ ] Photographs and videos
273 1 [ ] Project records, laboratory notebooks	279 1 [ ] Samples, prototypes, scrap or other artefacts
274 1 [X] Design, system architecture and source code	280 1 [X] Contracts
275 1 [ ] Records of trial runs	281 1 [ ] Others, specify 282

Part 2 – Project information (continued)

Project number **2**

CRA internal form identifier 060
Code 1501

Complete a separate Part 2 for each project claimed this year.

Section A – Project identification

200 Project title (and identification code if applicable)

HOL2017-01 Integration of disparate Enterprise Systems

202 Project start date	**204** Completion or expected completion date	**206** Field of science or technology code (See guide for list of codes)
2016-04 (Year Month)	2019-06 (Year Month)	1.02.02 Information technology and bioinformatics (Software e

Project claim history

208 1 [ ] Continuation of a previously claimed project **210** 1 [X] First claim for the project

218 Was any of the work done jointly or in collaboration with other businesses? . . . . 1 [ ] Yes 2 [X] No

If you answered **yes** to line 218, complete lines 220 and 221.

220 Names of the businesses	**221** BN
1	
2	
3	

Section B – Project descriptions

242 What scientific or technological uncertainties did you attempt to overcome? (*Maximum 50 lines*)

1. Hydro Ottawa Ltd. (HOL or the Company) Hydro Ottawa maintains one of the
2. safest, most reliable and cost-effective electricity distribution systems in
3. Ontario, and serves over 320,000 residential and commercial customers across a
4. service area of 1,100 square kilometres. The objective of this project was to
5. perform integration of disparate enterprise systems that could provide
6. flexible bidirectional communication across various cloud based systems for
7. seamless synchronization of information (i.e., event states, secure credential
8. materials, etc.) and interactions. The challenge to be addressed was the lack
9. of integration capabilities. This necessitated a detailed data load impact
10. analysis to measure the latencies associated with the transactions across the
11. enterprise systems. An integration solution would need to provide cross-
12. platform capabilities, implying that transactions would need to see or handle
13. these systems as a homogenous system. It was unknown if integration points or
14. connection conduits could be robust enough to handle the various data
15. structures and logical underpinnings required to provide straight-through
16. processing of transactions without compromising reliability, security and
17. performance. HOL would need to understand how to correlate object states
18. across systems, when to refresh object states and how to eliminate
19. vulnerabilities inherently associated with exposing system gateways,
20. particular within the ERP and cloud interaction points. Moreover, with respect
21. to synchronizing object states, HOL would need to understand how to achieve
22. near real-time bi-directional communication given that these systems were not
23. designed to work together. Consequently, ssystematic investigations were
24. required to understand mutual relationships between ERP and cloud objects to
25. understand how to improve process efficiency.
26.

244 What work did you perform **in the tax year** to overcome the scientific or technological uncertainties described in line 242? (Summarize the systematic investigation or search) (*Maximum 100 lines*)

1. In FY17, the Company sought to carry out experiments to develop a cross-
2. platform solution for seamless handshakes across the aforementioned enterprise
3. systems. The solution envisaged would require multiple inbound and outbound
4. interfaces to synchronize data between the systems.
5.
6. One aspect of the experimentation focused on an interface middle-layer to

244 What work did you perform **in the tax year** to overcome the scientific or technological uncertainties described in line 242? (Summarize the systematic investigation or search) (*Maximum 100 lines*)

synchronize inbound records from a multi-tenant cloud system (WD) with a disparate cloud-based ERP system, where the WD cloud system embodies the source of truth to ensure alignments of outcomes within the ERP that are impacted. In this case, dependency issues (e.g., jobs vs position information) including order of precedence needed to be investigated. It was hypothesized that a batch based process would prevent data referential issues. The test of concept included an outbound data structure based on an XML schema to serve as the transport mechanism. Analysis was carried out to determine how to correlate data objects across the systems, including which attributes should be parametric (e.g., position ID) vs singleton (e.g., hours) or fixed. Tests were carried out to ensure that when the middleware's job schedule is executing, state changes in the source of truth would reflect appropriately within the ERP system without causing dependency issues.

Certain inbound xml transport scenarios such as insertion of AP records are predicates for triggering ERP transactions. The challenge here was alignment of objects to prevent transaction errors. Investigations were undertaken to properly correlate processes in the cloud and related entities within the ERP system to achieve the desired outcome.

On the other hand, some integrations such as creation of journal entries received from the cloud need to execute and coordinate a sequence of batch jobs. A pipeline pattern was developed for this purpose to marshal in and ingest XML inbound followed by sequential processing of batch jobs. This was underpinned with semaphore logic to ensure that one batch job completes before the other is triggered. This approach was tested on GL related records where a succession of batch jobs are required to generate or update specific data objects.

Nonetheless, with respect to time-series data, using encoded data schema (i.e., xml) would cause I/O inbound issues leading to protracted latencies. Instead, another mechanism was developed based on transporting the data from the cloud via a flat data to the ERP system. This required a post-processor consisting of a reader object and a parser. Analysis was necessary to eliminate potential errors that could be associated with this method since it is not type-safe.

Another aspect of the integration targeted outbound communication from the ERP to the multi-tenant system, where near real-time synchronization is required and the ERP is the source of truth data. To this end, the integration middleware ecosystem was extended with a request-response communication pattern. In this case, an embedded service interface uses SOAP calls to request for specific information. To improve responsiveness, requests are generated on incremental bases. The response payload is then unpacked, processed and used to trigger various update events within the ERP system. Systematic investigations were done to ensure timeliness of event arrivals and uninterrupted communication to eliminate gaps in "net new" only traffic or racing conditions with other interface events. The concept was successfully tested on collection objects that need to reflect within the presentation layer of the cloud system in real-time. Additionally, some real-time events needed to be directly coupled with certain batch jobs for the completion of transaction states.

Another aspect of the work involved the development of integration patterns across various combinations of external systems outside HOL's control and cloud systems to enrich the validity of status or predicates required for transactions. Integration with identity manager was a key aspect for authentication and facilitation of Single Sign On capabilities, where database

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

244 What work did you perform **in the tax year** to overcome the scientific or technological uncertainties described in line 242? (Summarize the systematic investigation or search) (*Maximum 100 lines*)

65. view exposed through a JBDC connection.
66.
67. The overall testing and validation approach adopted for the work was a "V-
68. model" in which progressively deeper levels of analysis were used as the basis
69. of corresponding levels of testing. For system integration testing, the
70. exercise involved verification that all custom developed objects performed as
71. intended in the integration test scripts and verification of data exchange
72. between system interfaces and batch processes.
73.
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81.

246 What scientific or technological advancements did you achieve or attempt to achieve as a result of the work described in line 244? (*Maximum 50 lines*)

1. The work performed for this project represents a technological advancement in
2. the field of Information technology.
3.
4. Technological advancement was achieved in designing multiple interfaces that
5. resulted in synchronization between disparate systems. The company proved the
6. hypothesis that a consortium of integration patterns based on various
7. granularities of batch and real-time processes would provide cross-platform
8. capabilities that would allow otherwise independent systems to logically
9. appear as homogenous system to the end users. The lessons learned can be
10. transferred to scenarios where multiple siloed cloud applications need to be
11. integrated with other internal systems and even cloud applications.

Section C – Additional project information

Who prepared the responses for Section B?

253 1 [X] Employee directly involved in the project — **254** Name [redacted]

255 1 [ ] Other employee of the company — **256** Name

257 1 [X] External consultant — **258** Name [redacted] — **259** Firm [redacted]

List the key individuals directly involved in the project and indicate their qualifications/experience.

260 Names	261 Qualifications/experience and position title
[redacted]	

265 Are you claiming any salary or wages for SR&ED performed outside Canada? 1 [ ] Yes 2 [X] No

266 Are you claiming expenditures for SR&ED carried out on behalf of another party? 1 [ ] Yes 2 [X] No

267 Are you claiming expenditures for SR&ED performed by people other than your employees? 1 [X] Yes 2 [ ] No

If you answered **yes** to line 267, complete lines 268 and 269.

268 Names of individuals or companies	269 BN
[redacted]	

268 Names of individuals or companies	269 BN
[redacted]	

What evidence do you have to support your claim? (Check any that apply)
You do not need to submit these items with the claim. However, you are required to retain them in the event of a review.

- 270 1 [X] Project planning documents
- 271 1 [X] Records of resources allocated to the project, time sheets
- 272 1 [X] Design of experiments
- 273 1 [ ] Project records, laboratory notebooks
- 274 1 [ ] Design, system architecture and source code
- 275 1 [ ] Records of trial runs
- 276 1 [ ] Progress reports, minutes of project meetings
- 277 1 [X] Test protocols, test data, analysis of test results, conclusions
- 278 1 [ ] Photographs and videos
- 279 1 [ ] Samples, prototypes, scrap or other artefacts
- 280 1 [ ] Contracts
- 281 1 [ ] Others, specify 282 ____

Federal Tax Instalments

Federal tax instalments

For the taxation year ended 2018-12-31

Business number 86339 1363 RC0001

The following is a list of instalments payable for the current taxation year, and the last column indicates the instalments payable to the Canada Revenue Agency (CRA). The instalments must be paid on each of the dates indicated below, otherwise non-deductible interest might be charged.

Instalment payments can be made using one of the following methods:

- electronically, using your online or telephone banking services;
- online, using the CRA's *My Payment* service, at **canada.ca/cra-my-payment**;
- by setting up a pre-authorized debit agreement, in *My Business Account*, at **canada.ca/my-cra-business-account**;
- in person, at a Canadian financial institution, **by presenting the appropriate remittance voucher** with your payment.

You can also mail a cheque or a money order payable to the Receiver General of Canada, **accompanied by the appropriate remittance voucher**, to Canada Revenue Agency, P.O. Box 3800, Station A, Sudbury ON P3A 0C3.

Monthly instalment workchart

Date	Monthly tax instalments	Refund transferred to instalments	Instalments paid	Cumulative difference	Instalments payable
2018-01-31	187,074				187,074
2018-02-28	187,074				187,074
2018-03-31	187,074				187,074
2018-04-30	187,074				187,074
2018-05-31	187,074				187,074
2018-06-30	187,074				187,074
2018-07-31	187,074				187,074
2018-08-31	187,074				187,074
2018-09-30	187,074				187,074
2018-10-31	187,074				187,074
2018-11-30	187,074				187,074
2018-12-31	187,074				187,074
Totals	2,244,888				2,244,888

Line 996 – Amended Tax Return – Description of Changes

Filing date of the amended tax return 2019-06-21

Abbreviated description . . . . SRED Claim

996 Description of changes (*Maximum 500 lines*)

1.
2. The taxpayer requests that its December 31, 2017 T2 Corporation Income Tax
3. Return be amended to claim for Scientific Research and Experimental
4. Development (SR&ED) and the respective investment tax credit.
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Canada Revenue Agency / Agence du revenu du Canada

T2 Corporation Income Tax Return

200

PILS FILING

055 Do not use this area

This form serves as a federal, provincial, and territorial corporation income tax return, unless the corporation is located in Quebec or Alberta. If the corporation is located in one of these provinces, you have to file a separate provincial corporation return.

All legislative references on this return are to the federal Income Tax Act and Income Tax Regulations. This return may contain changes that had not yet become law at the time of publication.

Send one completed copy of this return, including schedules and the General Index of Financial Information (GIFI), to your tax centre. You have to file the return within six months after the end of the corporation's tax year.

For more information see **canada.ca/taxes** or Guide T4012, T2 Corporation – Income Tax Guide.

Identification

Business number (BN) 001 86339 1363 RC0001

Corporation's name
002 Hydro Ottawa Limited/Hydro Ottawa Limitee

Address of head office
Has this address changed since the last time we were notified? . . . . 010 Yes [ ] No [X]
If **yes**, complete lines 011 to 018.
011 3025 Albion Road North
012 P.O. Box 8700
City: 015 Ottawa
Province, territory, or state: 016 ON
Country (other than Canada): 017
Postal or ZIP code: 018 K1G 3S4

Mailing address (if different from head office address)
Has this address changed since the last time we were notified? . . . . 020 Yes [ ] No [X]
If **yes**, complete lines 021 to 028.
021 c/o
022
023
City: 025
Province, territory, or state: 026
Country (other than Canada): 027
Postal or ZIP code: 028

Location of books and records (if different from head office address)
Has this address changed since the last time we were notified? . . . . 030 Yes [ ] No [X]
If **yes**, complete lines 031 to 038.
031
032
City: 035
Province, territory, or state: 036
Country (other than Canada): 037
Postal or ZIP code: 038

040 **Type of corporation at the end of the tax year** (tick one)
- [X] 1 Canadian-controlled private corporation (CCPC)
- [ ] 2 Other private corporation
- [ ] 3 Public corporation
- [ ] 4 Corporation controlled by a public corporation
- [ ] 5 Other corporation (specify)

If the type of corporation changed during the tax year, provide the effective date of the change . . . . 043 Year Month Day

To which tax year does this return apply?
Tax year start: 060 Year Month Day 2017-01-01
Tax year-end: 061 Year Month Day 2017-12-31

Has there been an acquisition of control resulting in the application of subsection 249(4) since the tax year start on line 060? . . . . 063 Yes [ ] No [X]
If **yes**, provide the date control was acquired . . . . 065 Year Month Day

Is the date on line 061 a deemed tax year-end according to subsection 249(3.1)? . . . . 066 Yes [ ] No [X]

Is the corporation a professional corporation that is a member of a partnership? . . . . 067 Yes [ ] No [X]

Is this the first year of filing after:
Incorporation? . . . . 070 Yes [ ] No [X]
Amalgamation? . . . . 071 Yes [ ] No [X]
If **yes**, complete lines 030 to 038 and attach Schedule 24.

Has there been a wind-up of a subsidiary under section 88 during the current tax year? . . . . 072 Yes [ ] No [X]
If **yes**, complete and attach Schedule 24.

Is this the final tax year before amalgamation? . . . . 076 Yes [ ] No [X]

Is this the final return up to dissolution? . . . . 078 Yes [ ] No [X]

If an election was made under section 261, state the functional currency used 079

Is the corporation a resident of Canada? 080 Yes [X] No [ ]
If **no**, give the country of residence on line 081 and complete and attach Schedule 97.
081

Is the non-resident corporation claiming an exemption under an income tax treaty? . . . . 082 Yes [ ] No [X]
If **yes**, complete and attach Schedule 91.

If the corporation is exempt from tax under section 149, tick one of the following boxes:
085
- [ ] 1 Exempt under paragraph 149(1)(e) or (l)
- [ ] 2 Exempt under paragraph 149(1)(j)
- [ ] 3 Exempt under paragraph 149(1)(t) (for tax years starting before 2019)
- [ ] 4 Exempt under other paragraphs of section 149

Do not use this area
095 096 898

Attachments

Financial statement information: Use GIFI schedules 100, 125, and 141.

Schedules – Answer the following questions. For each **yes** response, **attach** the schedule to the T2 return, unless otherwise instructed.

		Yes	Schedule
Is the corporation related to any other corporations?	150	X	9
Is the corporation an associated CCPC?	160	X	23
Is the corporation an associated CCPC that is claiming the expenditure limit?	161		49
Does the corporation have any non-resident shareholders who own voting shares?	151		19
Has the corporation had any transactions, including section 85 transfers, with its shareholders, officers, or employees, other than transactions in the ordinary course of business? Exclude non-arm's length transactions with non-residents	162		11
If you answered **yes** to the above question, and the transaction was between corporations not dealing at arm's length, were all or substantially all of the assets of the transferor disposed of to the transferee?	163		44
Has the corporation paid any royalties, management fees, or other similar payments to residents of Canada?	164		14
Is the corporation claiming a deduction for payments to a type of employee benefit plan?	165	X	15
Is the corporation claiming a loss or deduction from a tax shelter?	166		T5004
Is the corporation a member of a partnership for which a partnership account number has been assigned?	167		T5013
Did the corporation, a foreign affiliate controlled by the corporation, or any other corporation or trust that did not deal at arm's length with the corporation have a beneficial interest in a non-resident discretionary trust (without reference to section 94)?	168		22
Did the corporation own any shares in one or more foreign affiliates in the tax year?	169		25
Has the corporation made any payments to non-residents of Canada under subsections 202(1) and/or 105(1) of the Income Tax Regulations?	170		29
Did the corporation have a total amount over CAN$1 million of reportable transactions with non-arm's length non-residents?	171		T106
For private corporations: Does the corporation have any shareholders who own 10% or more of the corporation's common and/or preferred shares?	173	X	50
Has the corporation made payments to, or received amounts from, a retirement compensation plan arrangement during the year?	172		———
Does the corporation earn income from one or more Internet web pages or websites?	180		88
Is the net income/loss shown on the financial statements different from the net income/loss for income tax purposes?	201	X	1
Has the corporation made any charitable donations; gifts of cultural or ecological property; or gifts of medicine?	202	X	2
Has the corporation received any dividends or paid any taxable dividends for purposes of the dividend refund?	203	X	3
Is the corporation claiming any type of losses?	204		4
Is the corporation claiming a provincial or territorial tax credit or does it have a permanent establishment in more than one jurisdiction?	205	X	5
Has the corporation realized any capital gains or incurred any capital losses during the tax year?	206		6
i) Is the corporation a CCPC and reporting a) income or loss from property (other than dividends deductible on line 320 of the T2 return), b) income from a partnership, c) income from a foreign business, d) income from a personal services business, e) income referred to in clause 125(1)(a)(i)(C) or 125(1)(a)(i)(B), f) aggregate investment income as defined in subsection 129(4), or g) an amount assigned to it under subsection 125(3.2) or 125(8); or ii) Is the corporation a member of a partnership and assigning its specified partnership business limit to a designated member under subsection 125(8)?	207		7
Does the corporation have any property that is eligible for capital cost allowance?	208	X	8
Does the corporation have any resource-related deductions?	212		12
Is the corporation claiming deductible reserves?	213	X	13
Is the corporation claiming a patronage dividend deduction?	216		16
Is the corporation a credit union claiming a deduction for allocations in proportion to borrowing or a provincial credit union tax reduction?	217		17
Is the corporation an investment corporation or a mutual fund corporation?	218		18
Is the corporation carrying on business in Canada as a non-resident corporation?	220		20
Is the corporation claiming any federal, provincial, or territorial foreign tax credits, or any federal logging tax credits?	221		21
Does the corporation have any Canadian manufacturing and processing profits?	227		27
Is the corporation claiming an investment tax credit?	231	X	31
Is the corporation claiming any scientific research and experimental development (SR&ED) expenditures?	232	X	T661
Is the total taxable capital employed in Canada of the corporation and its related corporations over $10,000,000?	233	X	33/34/35
Is the total taxable capital employed in Canada of the corporation and its associated corporations over $10,000,000?	234	X	———
Is the corporation subject to gross Part VI tax on capital of financial institutions?	238		38
Is the corporation claiming a Part I tax credit?	242		42
Is the corporation subject to Part IV.1 tax on dividends received on taxable preferred shares or Part VI.1 tax on dividends paid?	243		43
Is the corporation agreeing to a transfer of the liability for Part VI.1 tax?	244		45
Is the corporation subject to Part II – Tobacco Manufacturers' surtax?	249		46
For financial institutions: Is the corporation a member of a related group of financial institutions with one or more members subject to gross Part VI tax?	250		39
Is the corporation claiming a Canadian film or video production tax credit?	253		T1131
Is the corporation claiming a film or video production services tax credit?	254		T1177
Is the corporation subject to Part XIII.1 tax? (Show your calculations on a sheet that you identify as Schedule 92.)	255		92

Attachments (continued)

	Line	Yes	Schedule
Did the corporation have any foreign affiliates in the tax year?	271		T1134
Did the corporation own or hold specified foreign property where the total cost amount of all such property, at any time in the year, was more than CAN$100,000?	259		T1135
Did the corporation transfer or loan property to a non-resident trust?	260		T1141
Did the corporation receive a distribution from or was it indebted to a non-resident trust in the year?	261		T1142
Has the corporation entered into an agreement to allocate assistance for SR&ED carried out in Canada?	262		T1145
Has the corporation entered into an agreement to transfer qualified expenditures incurred in respect of SR&ED contracts?	263		T1146
Has the corporation entered into an agreement with other associated corporations for salary or wages of specified employees for SR&ED?	264		T1174
Did the corporation pay taxable dividends (other than capital gains dividends) in the tax year?	265	X	55
Has the corporation made an election under subsection 89(11) not to be a CCPC?	266		T2002
Has the corporation revoked any previous election made under subsection 89(11)?	267		T2002
Did the corporation (CCPC or deposit insurance corporation (DIC)) pay eligible dividends, or did its general rate income pool (GRIP) change in the tax year?	268	X	53
Did the corporation (other than a CCPC or DIC) pay eligible dividends, or did its low rate income pool (LRIP) change in the tax year?	269		54

Additional information

	Line	Yes	No
Did the corporation use the International Financial Reporting Standards (IFRS) when it prepared its financial statements?	270	X	
Is the corporation inactive?	280		X

What is the corporation's main revenue-generating business activity? 221122 Electric Power Distribution

Specify the principal products mined, manufactured, sold, constructed, or services provided, giving the approximate percentage of the total revenue that each product or service represents.

284	DIST. OF ELECTRICITY	285	100.000 %
286		287	%
288		289	%

	Line	Yes	No
Did the corporation immigrate to Canada during the tax year?	291		X
Did the corporation emigrate from Canada during the tax year?	292		X
Do you want to be considered as a quarterly instalment remitter if you are eligible?	293		

If the corporation was eligible to remit instalments on a quarterly basis for part of the tax year, provide the date the corporation ceased to be eligible 294 Year Month Day

If the corporation's major business activity is construction, did you have any subcontractors during the tax year? 295 Yes ☐ No ☐

Taxable income

	Line	Amount	Line	Amount	
Net income or (loss) for income tax purposes from Schedule 1, financial statements, or GIFI			300	14,086,494	A
Deduct:					
Charitable donations from Schedule 2	311	72,855			
Cultural gifts from Schedule 2	313				
Ecological gifts from Schedule 2	314				
Gifts of medicine made before March 22, 2017, from Schedule 2	315				
Taxable dividends deductible under section 112 or 113, or subsection 138(6) from Schedule 3	320				
Part VI.1 tax deduction*	325				
Non-capital losses of previous tax years from Schedule 4	331				
Net capital losses of previous tax years from Schedule 4	332				
Restricted farm losses of previous tax years from Schedule 4	333				
Farm losses of previous tax years from Schedule 4	334				
Limited partnership losses of previous tax years from Schedule 4	335				
Taxable capital gains or taxable dividends allocated from a central credit union	340				
Prospector's and grubstaker's shares	350				
Subtotal		72,855 ▶		72,855	B
Subtotal (amount A **minus** amount B) (if negative, enter "0")				14,013,639	C
Section 110.5 additions or subparagraph 115(1)(a)(vii) additions			355		D
Taxable income (amount C **plus** amount D)			360	14,013,639	
Income exempt under paragraph 149(1)(t) (for tax years starting before 2019)			370		
Taxable income for a corporation with exempt income under paragraph 149(1)(t) (line 360 **minus** line 370)				14,013,639	Z
Taxable income for the year from a personal services business					Z.1

* This amount is equal to 3.5 times the Part VI.1 tax payable at line 724 on page 9.

Small business deduction

Canadian-controlled private corporations (CCPCs) throughout the tax year

Income eligible for the small business deduction from Schedule 7	400	14,086,494	A
Taxable income from line 360 on page 3, **minus** 100/28 (3.57143) of the amount on line 632* on page 8, **minus** 4 times the amount on line 636** on page 8, and **minus** any amount that, because of federal law, is exempt from Part I tax	405	14,013,639	B
Business limit (see notes 1 and 2 below)	410	500,000	C

Notes:

1. For CCPCs that are not associated, enter $ 500,000 on line 410. However, if the corporation's tax year is less than 51 weeks, prorate this amount by the number of days in the tax year **divided** by 365, and enter the result on line 410.
2. For associated CCPCs, use Schedule 23 to calculate the amount to be entered on line 410.

Business limit reduction

Taxable capital business limit reduction

Amount C $\frac{500{,}000 \times \text{415}^{***}\ 4{,}302{,}720\ \text{D}}{11{,}250}$ = 191,232,000 E

Passive income business limit reduction

Adjusted aggregate investment income from Schedule 7**** 417 ______ – 50,000 = ______ F

Amount C $\frac{500{,}000}{100{,}000}$ x Amount F ______ = ______ G

Subtotal (the greater of amount E and amount G) 422 191,232,000 H

Reduced business limit for tax years starting before 2019 (amount C **minus** amount E) (if negative, enter "0")	425		I
Reduced business limit for tax years starting after 2018 (amount C **minus** amount H) (if negative, enter "0")	426		J
Business limit the CCPC assigns under subsection 125(3.2) (from line 515 on page 5)			K
Reduced business limit after assignment for tax years starting before 2019 (amount I **minus** amount K)	427		L
Reduced business limit after assignment for tax years starting after 2018 (amount J **minus** amount K)	428		M

Small business deduction

Tax years starting before 2019

Amount A, B, C, or L, whichever is the least ______ x $\frac{\text{Number of days in the tax year before January 1, 2018}}{\text{Number of days in the tax year}}$ $\frac{365}{365}$ x 17.5 % = ______ 1

Amount A, B, C, or L, whichever is the least ______ x $\frac{\text{Number of days in the tax year after December 31, 2017, and before January 1, 2019}}{\text{Number of days in the tax year}}$ $\frac{\_\_\_}{365}$ x 18 % = ______ 2

Amount A, B, C, or L, whichever is the least ______ x $\frac{\text{Number of days in the tax year after December 31, 2018}}{\text{Number of days in the tax year}}$ $\frac{\_\_\_}{365}$ x 19 % = ______ 3

Tax years starting after 2018

Amount A, B, C, or M, whichever is the least ______ x 19 % = ______ 4

Small business deduction (total of amounts 1 to 4) 430 ______ N

Enter amount N at amount J on page 8.

* Calculate the amount of foreign non-business income tax credit deductible on line 632 without reference to the refundable tax on the CCPC's investment income (line 604) and without reference to the corporate tax reductions under section 123.4.

** Calculate the amount of foreign business income tax credit deductible on line 636 without reference to the corporation tax reductions under section 123.4.

*** **Large corporations**

- If the corporation is not associated with any corporations in both the current and previous tax years, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **prior** year **minus** $10,000,000) x 0.225%.
- If the corporation is not associated with any corporations in the current tax year, but was associated in the previous tax year, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the **current** year **minus** $10,000,000) x 0.225%.
- For corporations associated in the current tax year, see Schedule 23 for the special rules that apply.

**** Enter the total adjusted aggregate investment income of the corporation and all associated corporations. For the first tax year starting after 2018, use the total of lines 744 of Schedule 7. Otherwise, use the total of lines 745 of the preceding tax year.

Small business deduction (continued)

Specified corporate income and assignment under subsection 125(3.2)

	O1 Name of corporation receiving the income and assigned amount	O Business number of the corporation receiving the assigned amount 490	P Income paid under clause 125(1)(a)(i)(B) to the corporation identified in column O [3] 500	Q Business limit assigned to corporation identified in column O [4] 505
1.				

Total 510 ______ Total 515 ______

Notes:

3. This amount is [as defined in subsection 125(7) **specified corporate income** (a)(i)] the total of all amounts each of which is income from an active business of the corporation for the year from the provision of services or property to a private corporation (directly or indirectly, in any manner whatever) if
(A) at any time in the year, the corporation (or one of its shareholders) or a person who does not deal at arm's length with the corporation (or one of its shareholders) holds a direct or indirect interest in the private corporation, and
(B) it is not the case that all or substantially all of the corporation's income for the year from an active business is from the provision of services or property to
(I) persons (other than the private corporation) with which the corporation deals at arm's length, or
(II) partnerships with which the corporation deals at arm's length, other than a partnership in which a person that does not deal at arm's length with the corporation holds a direct or indirect interest.
4. The amount of the business limit you assign to a CCPC cannot be greater than the amount determined by the formula A – B, where A is the amount of income referred to in column P in respect of that CCPC and B is the portion of the amount described in A that is deductible by you in respect of the amount of income referred to in clauses 125(1)(a)(i)(A) or (B) for the year. The amount on line 515 cannot be greater than the amount on line 425 (426 for tax years starting after 2018).

General tax reduction for Canadian-controlled private corporations

Canadian-controlled private corporations throughout the tax year

Taxable income from page 3 (line 360 or amount Z, whichever applies)			14,013,639	A
Lesser of amounts 9B and 9H from Part 9 of Schedule 27		B		
Amount 13K from Part 13 of Schedule 27		C		
Personal services business income	432	D		
Amount from line 400, 405, 410, or 427 (428 instead of 427 for tax years starting after 2018) on page 4, whichever is the least		E		
Aggregate investment income from line 440 on page 6*		F		
Subtotal (**add** amounts B to F)		▶		G
Amount A **minus** amount G (if negative, enter "0")			14,013,639	H
General tax reduction for Canadian-controlled private corporations – Amount H **multiplied** by 13 %			1,821,773	I

Enter amount I on line 638 on page 8.

* Except for a corporation that is, throughout the year, a cooperative corporation (within the meaning assigned by subsection 136(2)) or a credit union.

General tax reduction

Do not complete this area if you are a Canadian-controlled private corporation, an investment corporation, a mortgage investment corporation, a mutual fund corporation, or any corporation with taxable income that is not subject to the corporation tax rate of 38%.

Taxable income from page 3 (line 360 or amount Z, whichever applies)				J
Lesser of amounts 9B and 9H from Part 9 of Schedule 27		K		
Amount 13K from Part 13 of Schedule 27		L		
Personal services business income	434	M		
Subtotal (**add** amounts K to M)		▶		N
Amount J **minus** amount N (if negative, enter "0")				O
General tax reduction – Amount O **multiplied** by 13 %				P

Enter amount P on line 639 on page 8.

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
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Refundable portion of Part I tax

Canadian-controlled private corporations throughout the tax year

Aggregate investment income from Schedule 7 . . . . **440** ______ x 30 2 / 3 % =		______	A
Foreign non-business income tax credit from line 632 on page 8	______	B	
Foreign investment income from Schedule 7 . . . . **445** ______ x 8 % =	______	C	
Subtotal (amount B **minus** amount C) (if negative, enter "0")	______ ▶	______	D
Amount A **minus** amount D (if negative, enter "0")		______	E
Taxable income from line 360 on page 3	14,013,639	F	
Amount from line 400, 405, 410, or 427 (428 instead of 427 for tax years starting after 2018) on page 4, whichever is the least . . . ______ G			
Foreign non-business income tax credit from line 632 on page 8 . . . . ______ x 75 / 29 = ______ H			
Foreign business income tax credit from line 636 on page 8 . . ______ x 4 = ______ I			
Subtotal (**add** amounts G to I) ______ ▶	______	J	
Subtotal (amount F **minus** amount J) (if negative, enter "0")	14,013,639 K x 30 2 / 3 % =	4,297,516	L
Part I tax payable minus investment tax credit refund (line 700 **minus** line 780 from page 9)		1,340,208	M
Refundable portion of Part I tax – Amount E, L, or M, whichever is the least . . . **450**		______	N

Refundable dividend tax on hand (for tax years starting before 2019)

Refundable dividend tax on hand at the end of the previous tax year . . . **460**	______		
Dividend refund for the previous tax year . . . **465**	______		
Subtotal (line 460 **minus** line 465)	______ ▶	______	O
Refundable portion of Part I tax from line 450 above	______	P	
Total Part IV tax payable from Schedule 3	______	Q	
Net refundable dividend tax on hand transferred on an amalgamation or the wind-up of a subsidiary . . . **480**	______		
Subtotal (amount P **plus** amount Q**plus** line 480)	______ ▶	______	R
Refundable dividend tax on hand at the end of the tax year – Amount O **plus** amount R . . . **485**		______	

Dividend refund (for tax years starting before 2019)

Private and subject corporations at the time taxable dividends were paid in the tax year

Taxable dividends paid in the tax year from line 460 on page 3 of Schedule 3	20,600,000 x 38 1 / 3 % =	7,896,667	S
Refundable dividend tax on hand at the end of the tax year from line 485 above		______	T
Dividend refund – Amount S or T, whichever is less		______	U

Enter amount U on line 784 on page 9.

Refundable dividend tax on hand (for tax years starting after 2018)

Refundable dividend tax on hand (RDTOH) at the end of the previous tax year	460			
Dividend refund for the previous tax year	465			
Net RDTOH transferred on an amalgamation or the wind-up of a subsidiary	480			
Subtotal (line 460 **minus** line 465plus line 480)				A
General rate income pool (GRIP) at the end of the previous tax year (from line 100 of schedule 53)				B
Total eligible dividends paid in the previous tax year (from line 300 of schedule 53)			C	
Total excessive eligible dividend designation in the previous tax year (from line 310 of Schedule 53)			D	
Subtotal (amount C **minus** amount D) (if negative, enter "0")			▶	E
Net GRIP at the end of the previous tax year (amount B **minus** amount E) (if negative, enter "0")			F	
GRIP transferred on an amalgamation or the wind-up of a subsidiary (total of lines 230 and 240 of schedule 53)			G	
Subtotal (amount F **plus** amount G)			▶	H
Amount H **multiplied** by 38 1 / 3 %				I
Eligible refundable dividend tax on hand (ERDTOH) at the end of the previous tax year (for the first tax year starting after 2018, amount A or I, whichever is less, otherwise, use line 530 ______ of the preceding tax year)	520			J
Non-eligible refundable dividend tax on hand (NERDTOH) at the end of the previous tax year (for the first tax year starting after 2018, amount A **minus** amount I, otherwise, use line 545 ______ of the preceding tax year) (if negative, enter "0")	535			K
Part IV tax payable on taxable dividends from connected corporations (amount 2G from Schedule 3)			L	
Part IV tax payable on eligible dividends from non-connected corporations (amount 2J from Schedule 3)			M	
Subtotal (amount L **plus** amount M)			▶	N
Net ERDTOH transferred on an amalgamation or the wind-up of a subsidiary	525			O
ERDTOH dividend refund for the previous tax year	570			P
Refundable portion of Part I tax (from line 450 on page 6)				Q
Part IV tax before deductions (amount 2A from Schedule 3)			R	
Part IV tax allocated to ERDTOH (amount N)			S	
Part IV tax reduction due to Part IV.1 tax payable (amount 4D of Schedule 43)			T	
Subtotal (amount R **minus** total of amounts S and T)			▶	U
Net NERDTOH transferred on an amalgamation or the wind-up of a subsidiary	540			V
NERDTOH dividend refund for the previous tax year	575			W
38 1/3% of the total losses applied against Part IV tax (amount 2D from Schedule 3)				X
Part IV tax payable allocated to NERDTOH, net of losses claimed (amount U **minus** amount X) (if negative enter "0")				Y
NERDTOH at the end of the tax year* (total of amounts K, Q, V, and Y **minus** amount W) (if negative, enter "0")	545			
Part IV tax payable allocated to ERDTOH, net of losses claimed (amount N **minus** amount X **plus** amount U, if amount X is greater than amount U, otherwise, amount N.) (if negative, enter "0")				Z
ERDTOH at the end of the tax year* (total of amounts J, O, and Z **minus** amount P) (if negative, enter "0")	530			

* For more information, consult the Help (F1).

Dividend refund (for tax years starting after 2018)

38 1/3% of total eligible dividends paid in the tax year (amount 3A from Schedule 3)		AA
ERDTOH balance at the end of the tax year (line 530)		BB
Eligible dividend refund (amount AA or BB, whichever is less)		CC
38 1/3% of total non-eligible taxable dividends paid in the tax year (amount 3B from Schedule 3)		DD
NERDTOH balance at the end of the tax year (line 545)		EE
Non-eligible dividend refund (amount DD or EE, whichever is less)		FF
Amount DD **minus** amount EE (if negative, enter "0")		GG
Amount BB **minus** amount CC (if negative, enter "0")		HH
Additional non-eligible dividend refund (amount GG or HH, whichever is less)		II
Dividend refund* – Amount CC **plus** amount FF **plus** amount II		JJ

Enter amount JJ on line 784 on page 9.

* For more information, consult the Help (F1).

Part I tax

Base amount Part I tax – Taxable income from page 3 (line 360 or amount Z, whichever applies) **multiplied** by 38 %			550	5,325,183	A
Additional tax on personal services business income (section 123.5)					
Taxable income from a personal services business	555	x 5 % =	560		B
Recapture of investment tax credit from Schedule 31			602		C

Calculation for the refundable tax on the Canadian-controlled private corporation's (CCPC) investment income
(if it was a CCPC throughout the tax year)

Aggregate investment income from line 440 on page 6				D	
Taxable income from line 360 on page 3	14,013,639	E			
Deduct:					
Amount from line 400, 405, 410, or 427 (428 instead of 427 for tax years starting after 2018) on page 4, whichever is the least		F			
Net amount (amount E **minus** amount F)	14,013,639 ▶		14,013,639	G	
Refundable tax on CCPC's investment income – 10 2 / 3 % of whichever is less: amount D or amount G			604		H
Subtotal (**add** amounts A, B, C, and H)				5,325,183	I

Deduct:

Small business deduction from line 430 on page 4			J	
Federal tax abatement	608	1,401,364		
Manufacturing and processing profits deduction from Schedule 27	616			
Investment corporation deduction	620			
Taxed capital gains 624				
Federal foreign non-business income tax credit from Schedule 21	632			
Federal foreign business income tax credit from Schedule 21	636			
General tax reduction for CCPCs from amount I on page 5	638	1,821,773		
General tax reduction from amount P on page 5	639			
Federal logging tax credit from Schedule 21	640			
Eligible Canadian bank deduction under section 125.21	641			
Federal qualifying environmental trust tax credit	648			
Investment tax credit from Schedule 31	652	761,838		
Subtotal		3,984,975 ▶	3,984,975	K

Part I tax payable – Amount I **minus** amount K .... 1,340,208 L

Enter amount L on line 700 on page 9.

Privacy statement

Personal information is collected under the Income Tax Act to administer tax, benefits, and related programs. It may also be used for any purpose related to the enforcement of the Act such as audit, compliance and collections activities. It may be shared or verified with other federal, provincial, territorial or foreign government institutions to the extent authorized by law. Failure to provide this information may result in interest payable, penalties or other actions. Under the Privacy Act, individuals have the right to access, or request correction of, their personal information, or to file a complaint with the Privacy Commissioner of Canada regarding the handling of their personal information. Refer to Personal Information Bank CRA PPU 047 at **canada.ca/cra-info-source**.

Summary of tax and credits

Federal tax

Part I tax payable from amount L on page 8	700	1,340,208
Part II surtax payable from Schedule 46	708	
Part III.1 tax payable from Schedule 55	710	
Part IV tax payable from Schedule 3	712	
Part IV.1 tax payable from Schedule 43	716	
Part VI tax payable from Schedule 38	720	
Part VI.1 tax payable from Schedule 43	724	
Part XIII.1 tax payable from Schedule 92	727	
Part XIV tax payable from Schedule 20	728	
Total federal tax		1,340,208

Add provincial or territorial tax:

Provincial or territorial jurisdiction 750 ON
(if more than one jurisdiction, enter "multiple" and complete Schedule 5)

Net provincial or territorial tax payable (except Quebec and Alberta)	760	904,680
Total tax payable	770	2,244,888 A

Deduct other credits:

Investment tax credit refund from Schedule 31	780		
Dividend refund from amount U on page 6 or JJ on page 7	784		
Federal capital gains refund from Schedule 18	788		
Federal qualifying environmental trust tax credit refund	792		
Canadian film or video production tax credit (Form T1131)	796		
Film or video production services tax credit (Form T1177)	797		
Tax withheld at source	800		
Total payments on which tax has been withheld 801			
Provincial and territorial capital gains refund from Schedule 18	808		
Provincial and territorial refundable tax credits from Schedule 5	812		
Tax instalments paid	840	3,745,000	
Labour tax credit for qualifying journalism organizations			
Total credits	890	3,745,000	3,745,000 B

Balance (amount A **minus** amount B) -1,500,112

Refund code 894 1 Refund 1,500,112

If the result is negative, you have a **refund**.
If the result is positive, you have a **balance owing**.
Enter the amount on whichever line applies.
Generally, we do not charge or refund a difference of $2 or less.

Balance owing ....

For information on how to make your payment, go to **canada.ca/payments**.

Direct deposit request

To have the corporation's refund deposited directly into the corporation's bank account at a financial institution in Canada, or to change banking information you already gave us, complete the information below:

☐ Start ☐ Change information 910 ______ Branch number

914 ______ Institution number 918 ______ Account number

If the corporation is a Canadian-controlled private corporation throughout the tax year, does it qualify for the one-month extension of the date the balance of tax is due? 896 Yes ☐ No ☒

If this return was prepared by a tax preparer for a fee, provide their EFILE number 920

PREPARED SOLELY FOR INCOME TAX PURPOSES WITHOUT AUDIT OR REVIEW FROM INFORMATION PROVIDED BY THE TAXPAYER.

Certification

I, 950 Simpson (Last name) 951 Geoff (First name) 954 CFO (Position, office, or rank),

am an authorized signing officer of the corporation. I certify that I have examined this return, including accompanying schedules and statements, and that the information given on this return is, to the best of my knowledge, correct and complete. I also certify that the method of calculating income for this tax year is consistent with that of the previous tax year except as specifically disclosed in a statement attached to this return.

955 2019-06-26 Date (yyyy/mm/dd) ______ Signature of the authorized signing officer of the corporation 956 (613) 738-5499 Telephone number

Is the contact person the same as the authorized signing officer? If **no**, complete the information below 957 Yes ☐ No ☒

958 Bettina Yau Name of other authorized person 959 (613) 738-5499 Telephone number

Language of correspondence – Langue de correspondance

Indicate your language of correspondence by entering **1** for English or **2** for French.
Indiquez votre langue de correspondance en inscrivant **1** pour anglais ou **2** pour français. 990 1

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 100

Form identifier 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Balance sheet information

Account	Description	GIFI		Current year	Prior year
	Assets				
	Total current assets	1599	+	182,061,000	196,876,000
	Total tangible capital assets	2008	+	1,092,256,000	974,445,000
	Total accumulated amortization of tangible capital assets	2009	–	126,137,000	93,127,000
	Total intangible capital assets	2178	+	99,730,000	62,963,000
	Total accumulated amortization of intangible capital assets	2179	–	27,383,000	
	Total long-term assets	2589	+	25,466,000	13,744,000
	* Assets held in trust	2590	+		
	Total assets (mandatory field)	2599	=	1,245,993,000	1,154,901,000
	Liabilities				
	Total current liabilities	3139	+	160,947,000	175,621,000
	Total long-term liabilities	3450	+	749,387,000	659,481,000
	* Subordinated debt	3460	+		
	* Amounts held in trust	3470	+		
	Total liabilities (mandatory field)	3499	=	910,334,000	835,102,000
	Shareholder equity				
	Total shareholder equity (mandatory field)	3620	+	335,659,000	319,799,000
	Total liabilities and shareholder equity	3640	=	1,245,993,000	1,154,901,000
	Retained earnings				
	Retained earnings/deficit – end (mandatory field)	3849	=	168,578,000	152,718,000

* Generic item

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Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 125

Form identifier 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Income statement information

Description	GIFI	
Operating name	0001	
Description of the operation	0002	
Sequence number	0003	01

Account	Description	GIFI		Current year	Prior year
	Income statement information				
	Total sales of goods and services	8089	+	1,110,462,000	1,176,520,000
	Cost of sales	8518	–	910,810,000	968,069,000
	Gross profit/loss	8519	=	199,652,000	208,451,000
	Cost of sales	8518	+	910,810,000	968,069,000
	Total operating expenses	9367	+	150,022,000	162,208,000
	Total expenses (mandatory field)	9368	=	1,060,832,000	1,130,277,000
	Total revenue (mandatory field)	8299	+	1,110,462,000	1,176,520,000
	Total expenses (mandatory field)	9368	–	1,060,832,000	1,130,277,000
	Net non-farming income	9369	=	49,630,000	46,243,000
	Farming income statement information				
	Total farm revenue (mandatory field)	9659	+		
	Total farm expenses (mandatory field)	9898	–		
	Net farm income	9899	=		
	Net income/loss before taxes and extraordinary items	9970	=	49,630,000	46,243,000
	Total other comprehensive income	9998	=		
	Extraordinary items and income (linked to Schedule 140)				
	Extraordinary item(s)	9975	–		
	Legal settlements	9976	–		
	Unrealized gains/losses	9980	+		
	Unusual items	9985	–		
	Current income taxes	9990	–	3,828,000	3,648,000
	Future (deferred) income tax provision	9995	–	9,342,000	8,250,000
	Total – Other comprehensive income	9998	+		
	Net income/loss after taxes and extraordinary items (mandatory field)	9999	=	36,460,000	34,345,000

PREPARED SOLELY FOR INCOME TAX PURPOSES WITHOUT AUDIT OR REVIEW FROM INFORMATION PROVIDED BY THE TAXPAYER.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 141

Notes Checklist

Corporation's name	Business number	Tax Year End Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Parts 1, 2, and 3 of this schedule must be completed from the perspective of the person (referred to in these parts as the **accountant**) who prepared or reported on the financial statements. If the person preparing the tax return is not the accountant referred to above, they must still complete Parts 1, 2, 3, and 4, as applicable.
- For more information, see Guide RC4088, *General Index of Financial Information (GIFI)* and T4012, *T2 Corporation – Income Tax Guide.*
- Complete this schedule and include it with your T2 return along with the other GIFI schedules.

Part 1 – Information on the accountant who prepared or reported on the financial statements

Does the accountant have a professional designation? . . . 095 Yes [X] No [ ]

Is the accountant connected* with the corporation? . . . 097 Yes [ ] No [X]

Note

If the accountant does not have a professional designation **or** is connected to the corporation, you do not have to complete Parts 2 and 3 of this schedule. However, you **do have** to complete Part 4, as applicable.

* A person connected with a corporation can be: (i) a shareholder of the corporation who owns more than 10% of the common shares; (ii) a director, an officer, or an employee of the corporation; or (iii) a person not dealing at arm's length with the corporation.

Part 2 – Type of involvement with the financial statements

Choose the option that represents the highest level of involvement of the accountant: 198

- Completed an auditor's report . . . 1 [X]
- Completed a review engagement report . . . 2 [ ]
- Conducted a compilation engagement . . . 3 [ ]

Part 3 – Reservations

If you selected option 1 or 2 under **Type of involvement with the financial statements** above, answer the following question:

Has the accountant expressed a reservation? . . . 099 Yes [ ] No [X]

Part 4 – Other information

If you have a professional designation and are not the accountant associated with the financial statements in Part 1 above, choose one of the following options: 110

- Prepared the tax return (financial statements prepared by client) . . . 1 [ ]
- Prepared the tax return and the financial information contained therein (financial statements have not been prepared) . . . 2 [ ]

Were notes to the financial statements prepared? . . . 101 Yes [X] No [ ]

If **yes**, complete lines 104 to 107 below:

- Are subsequent events mentioned in the notes? . . . 104 Yes [ ] No [X]
- Is re-evaluation of asset information mentioned in the notes? . . . 105 Yes [ ] No [X]
- Is contingent liability information mentioned in the notes? . . . 106 Yes [X] No [ ]
- Is information regarding commitments mentioned in the notes? . . . 107 Yes [X] No [ ]
- Does the corporation have investments in joint venture(s) or partnership(s)? . . . 108 Yes [ ] No [X]

Part 4 – Other information (continued)

Impairment and fair value changes

In any of the following assets, was an amount recognized in net income or other comprehensive income (OCI) as a result of an impairment loss in the tax year, a reversal of an impairment loss recognized in a previous tax year, or a change in fair value during the tax year? . . . . . 200 Yes [ ] No [X]

If **yes**, enter the amount recognized:

		In net income Increase (decrease)		**In OCI** Increase (decrease)
Property, plant, and equipment	210		211	
Intangible assets	215		216	
Investment property	220			
Biological assets	225			
Financial instruments	230		231	
Other	235		236	

Financial instruments

Did the corporation derecognize any financial instrument(s) during the tax year (other than trade receivables)? . . . . . 250 Yes [ ] No [X]

Did the corporation apply hedge accounting during the tax year? . . . . . 255 Yes [ ] No [X]

Did the corporation discontinue hedge accounting during the tax year? . . . . . 260 Yes [ ] No [X]

Adjustments to opening equity

Was an amount included in the opening balance of retained earnings or equity, in order to correct an error, to recognize a change in accounting policy, or to adopt a new accounting standard in the current tax year? . . . . . 265 Yes [ ] No [X]

If **yes**, you have to maintain a separate reconciliation.

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Net Income (Loss) for Income Tax Purposes

Schedule 1

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- The purpose of this schedule is to provide a reconciliation between the corporation's net income (loss) as reported on the financial statements and its net income (loss) for tax purposes. For more information, see the T2 *Corporation – Income Tax Guide*.
- All legislative references are to the *Income Tax Act*.

Net income (loss) after taxes and extraordinary items from line 9999 of Schedule 125			36,460,000 A
Add:			
Provision for income taxes – current	101	3,828,000	
Interest and penalties on taxes	103	9,697	
Amortization of tangible assets	104	36,884,000	
Amortization of intangible assets	106	7,171,000	
Loss on disposal of assets	111	1,583,866	
Charitable donations and gifts from Schedule 2	112	72,855	
Scientific research expenditures deducted per financial statements	118	4,718,195	
Non-deductible meals and entertainment expenses	121	94,343	
Other reserves on lines 270 and 275 from Schedule 13	125	1,721,271	
Reserves from financial statements – balance at the end of the year	126	3,183,844	
Subtotal of additions		59,267,071 ►	59,267,071

Other additions:

Miscellaneous other additions:

	1 Description 605	2 Amount 295
1	Employee Future Benefits expensed in F/S	832,100
2	Bonus not paid in 180 days after the YE	29,587
	Total of column 2	861,687

►	296	861,687	
Subtotal of other additions	199	861,687 ►	861,687
Total additions	500	60,128,758 ►	60,128,758 B
Amount A **plus** amount B			96,588,758 C
Deduct:			
Capital cost allowance from Schedule 8	403	63,482,607	
SR&ED expenditures claimed in the year on line 460 from Form T661	411	4,574,345	
Other reserves on line 280 from Schedule 13	413	2,370,974	
Reserves from financial statements – balance at the beginning of the year	414	3,403,620	
Subtotal of deductions		73,831,546 ►	73,831,546

Other deductions:

Miscellaneous other deductions:

	1 Description 705	2 Amount 395
1	AFUDC	1,597,905
2	Employee Future Benefits paid during the year	634,300
3	Deferred Revenue Amortizarion	2,262,000
4	IBM lease payment	119,460
5	Current SR&ED Exp Capitalized in Accounting	4,057,053
	Total of column 2	8,670,718

► 396 8,670,718

	Subtotal of other deductions	499	8,670,718 ▶	8,670,718	
	Total deductions	510	82,502,264 ▶	82,502,264	D
Net income (loss) for income tax purposes (amount C **minus** amount D)				14,086,494	E
Enter amount E on line 300 of the T2 return.					

Canada Revenue Agency / Agence du revenu du Canada

Schedule 2

Charitable Donations and Gifts

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- For use by corporations to claim any of the following:
  - the eligible amount of charitable donations to qualified donees
  - the Ontario, Nova Scotia, and British Columbia food donation tax credits for farmers
  - the eligible amount of gifts of certified cultural property
  - the eligible amount of gifts of certified ecologically sensitive land or
  - the additional deduction for gifts of medicine made before March 22, 2017
- All legislative references are to the federal Income Tax Act, unless stated otherwise.
- The eligible amount of a gift is the amount by which the fair market value of the gifted property exceeds the amount of an advantage, if any, for the gift.
- The donations and gifts can be carried forward for 5 years except for gifts of certified ecologically sensitive land made after February 10, 2014, which can be carried forward for 10 years. Provincial food donation tax credits must be applied in the current tax year.
- Use this schedule to show a transfer of unused amounts from previous years following an amalgamation or the wind-up of a subsidiary as described under subsections 87(1) and 88(1).
- Subsection 110.1(1.2) provides as follows:
  - Where a particular corporation has undergone an acquisition of control, for tax years that end on or after the acquisition of control, no corporation can claim a deduction for a gift made by the particular corporation to a qualified donee before the acquisition of control.
  - If a particular corporation makes a gift to a qualified donee pursuant to an arrangement under which both the gift and the acquisition of control is expected, no corporation can claim a deduction for the gift unless the person acquiring control of the particular corporation is the qualified donee.
- An eligible medical gift made before March 22, 2017, to a qualifying organization for activities outside of Canada may be eligible for an additional deduction. Calculate the additional deduction in Part 5.
- File one completed copy of this schedule with your T2 Corporation Income Tax Return.
- For more information, see the T2 Corporation – Income Tax Guide.

Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
Special Olympics Ontario	2,000
Canadian Cancer Society	100
Canadian Cancer Society	100
Brain Tumor Foundation	100
Bruyere Foundation	100
CHEO	250
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
CanadaHelps CanaDon	100
Alzheimer Society of Canada	100
Alzheimer Society of Canada	100
Sudbury Action Centre for Youth	100
The Ottawa Hospital	100
The Ottawa Hospital	100
The Salvation Army	100
Diabetes Canada	100
Mackenzie Health Foundation	100
Marian Centre	100
The Wing of Phoenix Association	100
CNIBI	100
Queensway Carleton Hospital Foundation	500
Christie Lake Kids	800
Camp Quality Canada	1,000
Community Living	2,000
Ottawa Region Cancer Foundation	2,500
Ten Oaks Project	5,000
CHEO	15,000

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Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
CHEO	41,805
Subtotal	72,855
Add: Total donations of less than $100 each	
Total donations in current tax year	72,855

Part 1 – Charitable donations

		Federal		Québec	Alberta
Charitable donations at the end of the previous tax year			A		
Charitable donations expired after 5 tax years*	239				
Charitable donations at the beginning of the current tax year (amount A **minus** line 239)	240				
Charitable donations transferred on an amalgamation or the wind-up of a subsidiary	250				
Total charitable donations made in the current year (include this amount on line 112 of Schedule 1 Net Income (Loss) for Income Tax Purposes)	210	72,855		72,855	72,855
Subtotal (line 250 **plus** line 210)		72,855	B	72,855	72,855
Subtotal (line 240 **plus** amount B)		72,855	C	72,855	72,855
Adjustment for an acquisition of control	255				
Total charitable donations available (amount C **minus** line 255)		72,855	D	72,855	72,855
Amount applied in the current year against taxable income (cannot be more than amount L in Part 2) (enter this amount on line 311 of the T2 return)	260	72,855		72,855	72,855
Charitable donations closing balance (amount D **minus** line 260)	280				

The amount of qualifying donations for the Ontario community food program donation tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2013) . . . . . **262** ________

Ontario community food program donation tax credit for farmers (amount on line 262 **multiplied** by 25 %) . . . . . ________ 1

Enter amount 1 on line 420 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum you can claim in the current year is whichever is less: the Ontario income tax otherwise payable or amount 1. For more information, see section 103.1.2 of the Taxation Act, 2007 (Ontario).

The amount of qualifying donations for the Nova Scotia food bank tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2015) . . . . . **263** ________

Nova Scotia food bank tax credit for farmers (amount on line 263 **multiplied** by 25 %) . . . . . ________ 2

Enter amount 2 on line 570 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum you can claim in the current year is whichever is less: the Nova Scotia income tax otherwise payable or amount 2. For more information, see section 50A of the Nova Scotia Income Tax Act.

The amount of qualifying gifts for the British Columbia farmers' food donation tax credit included in the amount on line 260 (for donations made after February 16, 2016 and before January 1, 2020) . . . . . **265** ________

British Columbia farmers' food donation tax credit (amount on line 265 **multiplied** by 25 %) . . . . . ________ 3

Enter amount 3 on line 683 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum you can claim in the current year is whichever is less: the British Columbia income tax otherwise payable or amount 3. For more information, see section 20.1 of the British Columbia Income Tax Act.

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amounts carried forward – Charitable donations

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total (to line A)				

* For federal and Alberta tax purposes, donations and gifts included on line *6th prior year* expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, that are included on line *6th prior year* and donations and gifts that are included on line *21st prior year* expire automatically in the current tax year.

Part 2 – Maximum allowable deduction for charitable donations

Net income for tax purposes* **multiplied** by 75 % ..... 10,564,871 E

Taxable capital gains arising in respect of gifts of capital property included in Part 1 ** ..... **225** ______

Taxable capital gain in respect of a disposition of a non-qualifying security under subsection 40(1.01) ..... **227** ______

The amount of the recapture of capital cost allowance in respect of charitable donations ..... **230** ______

Proceeds of disposition, **less** outlays and expenses** ..... ______ F

Capital cost** ..... ______ G

Amount F or G, whichever is less ..... **235** ______

Amount on line 230 or 235, whichever is less ..... ______ H

Subtotal (**add** line 225, 227, and amount H) ______ I

Amount I **multiplied** by 25 % ______ J

Subtotal (amount E **plus** amount J) 10,564,871 K

Maximum allowable deduction for charitable donations (enter amount D from Part 1, amount K, or net income for tax purposes, whichever is less) ..... 72,855 L

* For credit unions, subsection 137(2) states that this amount is before the deduction of payments pursuant to allocations in proportion to borrowing and bonus interest.

** This amount must be prorated by the following calculation: eligible amount of the gift **divided by** the proceeds of disposition of the gift.

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Part 3 – Gifts of certified cultural property

	Line	Federal		Québec	Alberta
Gifts of certified cultural property at the end of the previous tax year			M		
Gifts of certified cultural property expired after 5 tax years*	439				
Gifts of certified cultural property at the beginning of the current tax year (amount M **minus** line 439)	440				
Gifts of certified cultural property transferred on an amalgamation or the wind-up of a subsidiary	450				
Total gifts of certified cultural property in the current year (include this amount on line 112 of Schedule 1)	410				
Subtotal (line 450 **plus** line 410)			N		
Subtotal (line 440 **plus** amount N)			O		
Adjustment for an acquisition of control	455				
Amount applied in the current year against taxable income (enter this amount on line 313 of the T2 return)	460				
Subtotal (line 455 **plus** line 460)			P		
Gifts of certified cultural property closing balance (amount O **minus** amount P)	480				

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amount carried forward – Gifts of certified cultural property

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts included on line *6th prior year* expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, that are included on line *6th prior year* and donations and gifts that are included on line *21st prior year* expire automatically in the current tax year.

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Part 4 – Gifts of certified ecologically sensitive land

		Federal		Québec	Alberta
Gifts of certified ecologically sensitive land at the end of the previous tax year			Q		
Gifts of certified ecologically sensitive land expired after 5 tax years, or after 10 tax years for gifts made after February 10, 2014*	539				
Gifts of certified ecologically sensitive land at the beginning of the current tax year (amount Q **minus** line 539)	540				
Gifts of certified ecologically sensitive land transferred on an amalgamation or the wind-up of a subsidiary	550				
Total current-year gifts of certified ecologically sensitive land (include this amount on line 112 of Schedule 1)	520				
Subtotal (line 550 **plus** line 520)			R		
Subtotal (line 540 **plus** amount R)			S		
Adjustment for an acquisition of control	555				
Amount applied in the current year against taxable income (enter this amount on line 314 of the T2 return)	560				
Subtotal (line 555 **plus** line 560)			T		
Gifts of certified ecologically sensitive land closing balance (amount S **minus** amount T)	580				

* For federal and Alberta tax purposes, donations and gifts made before February 11, 2014, expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. For Québec tax purposes, donations and gifts made during a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donation and gifts expire after twenty tax years.

Amounts carried forward – Gifts of certified ecologically sensitive land

Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date . . . .

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year*	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts made before February 11, 2014, that are included on line *6th prior year* and gifts that are included on line *11th prior year* expire automatically in the current year.

The field "Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date" is used to distinguish the portion of the gifts made in the tax year straddling February 11, 2014, that expires after ten tax years, from the portion that expires in the current tax year.

For Québec tax purposes, donations and gifts made during a tax year that ended before March 24, 2006, that are included on line *6th prior year* and gifts that are included on line *21st prior year* expire automatically in the current tax year.

Part 5 – Additional deduction for gifts of medicine

		Federal		Québec	Alberta
Additional deduction for gifts of medicine at the end of the previous tax year			U		
Additional deduction for gifts of medicine expired after 5 tax years*	639				
Additional deduction for gifts of medicine at the beginning of the current tax year (amount U **minus** line 639)	640				
Additional deduction for gifts of medicine made before March 22, 2017 transferred on an amalgamation or the wind-up of a subsidiary	650				
Additional deduction for gifts of medicine made before March 22, 2017:					
Proceeds of disposition	602				
Cost of gifts of medicine made before March 22, 2017	601				
Subtotal (line 602 **minus** line 601)			V		
Amount V **multiplied** by 50 %			W		
Eligible amount of gifts	600				

Federal

a ______ x (b ______ / c) = Additional deduction for gifts of medicine made before March 22, 2017 **610** ______

Québec

a ______ x (b ______ / c) = Additional deduction for gifts of medicine made before March 22, 2017 ______

Alberta

a ______ x (b ______ / c) = Additional deduction for gifts of medicine made before March 22, 2017 ______

where:
a is the **lesser** of line 601 and amount W
b is the eligible amount of gifts (line 600)
c is the proceeds of disposition (line 602)

		Federal		Québec	Alberta
Subtotal (line 650 **plus** line 610)			X		
Subtotal (line 640 **plus** amount X)			Y		
Adjustment for an acquisition of control	655				
Amount applied in the current year against taxable income (enter this amount on line 315 of the T2 return)	660				
Subtotal (line 655 **plus** line 660)			Z		
Additional deduction for gifts of medicine closing balance (amount Y **minus** amount Z)	680				

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 19, 2007, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

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Amounts carried forward – Additional deduction for gifts of medicine

Year of origin:		Federal	Québec	Alberta
1st prior year	2016-12-31			
2nd prior year	2015-12-31			
3rd prior year	2014-12-31			
4th prior year	2013-12-31			
5th prior year	2012-12-31			
6th prior year*	2011-12-31			
7th prior year	2010-12-31			
8th prior year	2009-12-31			
9th prior year	2008-12-31			
10th prior year	2007-12-31			
11th prior year	2006-12-31			
12th prior year	2005-12-31			
13th prior year	2004-12-31			
14th prior year	2003-12-31			
15th prior year	2002-12-31			
16th prior year	2001-12-31			
17th prior year	2001-09-30			
18th prior year	2000-09-30			
19th prior year	1999-09-30			
20th prior year	1998-09-30			
21st prior year*	1997-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts included on line *6th prior year* expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 19, 2007, that are included on line *6th prior year* and donations and gifts that are included on line *21st prior year* expire automatically in the current tax year.

Québec – Gifts of musical instruments

Gifts of musical instruments at the end of the previous tax year		A
Deduct: Gifts of musical instruments expired after twenty tax years		B
Gifts of musical instruments at the beginning of the tax year		C
Add:		
Gifts of musical instruments transferred on an amalgamation or the wind-up of a subsidiary		D
Total current-year gifts of musical instruments		E
Subtotal (line D **plus** line E)		F
Deduct: Adjustment for an acquisition of control		G
Total gifts of musical instruments available		H
Deduct: Amount applied against taxable income (enter this amount on line 255 of form CO-17)		I
Gifts of musical instruments closing balance		J

Amounts carried forward – Gifts of musical instruments

Year of origin:		Québec
1st prior year	2016-12-31	
2nd prior year	2015-12-31	
3rd prior year	2014-12-31	
4th prior year	2013-12-31	
5th prior year	2012-12-31	
6th prior year*	2011-12-31	
7th prior year	2010-12-31	
8th prior year	2009-12-31	
9th prior year	2008-12-31	
10th prior year	2007-12-31	
11th prior year	2006-12-31	
12th prior year	2005-12-31	
13th prior year	2004-12-31	
14th prior year	2003-12-31	
15th prior year	2002-12-31	
16th prior year	2001-12-31	
17th prior year	2001-09-30	
18th prior year	2000-09-30	
19th prior year	1999-09-30	
20th prior year	1998-09-30	
21st prior year*	1997-09-30	
Total		

* These gifts expired in the current year.

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Schedule 3

Dividends Received, Taxable Dividends Paid, and Part IV Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Corporations must use this schedule to report:
  - non-taxable dividends under section 83;
  - deductible dividends under subsection 138(6);
  - taxable dividends deductible from income under section 112, subsection 113(2) and paragraphs 113(1)(a), (a.1), (b) or (d); or
  - taxable dividends paid in the tax year that qualify for a dividend refund (see page 3).
- All legislative references are to the federal Income Tax Act.
- The calculations in this schedule apply only to private or subject corporations.
- A recipient corporation is **connected** with a payer corporation at any time in a tax year, if at that time the recipient corporation:
  - controls the payer corporation, other than because of a right referred to in paragraph 251(5)(b); or
  - owns more than 10% of the issued share capital (with full voting rights), and shares that have a fair market value of more than 10% of the fair market value of all shares of the payer corporation.
- If you need more space, continue on a separate schedule.
- File this schedule with your T2 Corporation Income Tax Return.
- Column A1 – Enter "X" if dividends received from a foreign source.
- Column F1 – Enter the code that applies to the deductible taxable dividend.

Part 1 – Dividends received in the tax year

- Do **not** include dividends received from foreign non-affiliates.
- Complete columns B, C, D, H and I **only if** the payer corporation is **connected.**

Important instructions to follow if the payer corporation is connected

- If your corporation's tax year-end is different than that of the **connected** payer corporation, dividends could have been received from more than one tax year of the payer corporation. If so, **use a separate line** to provide the information according to each tax year of the payer corporation.
- When completing column J and K use the **special calculations provided in the notes.**

	A Name of payer corporation (from which the corporation received the dividend) 200	A1	B Enter 1 if payer corporation is **connected** 205	C Business Number of **connected** corporation 210	D Tax year-end of the payer corporation in which the sections 112/113 and subsection 138(6) dividends in column F were paid YYYYMMDD 220	E Non-taxable dividends under section 83 230
1			1			
					Total of column E (enter amount on line 402 of Schedule 1)	

Part 1 – Dividends received in the tax year (continued)

	F Taxable dividends deductible from taxable income under section 112, subsections 113(2) and 138(6), and paragraphs 113(1)(a), (a.1),(b), or (d)[note 1] 240	F1	G Eligible dividends included in column F 242	H Total taxable dividends paid by **connected** payer corporation (for tax year in column D) 250	I Dividend refund of the **connected** payer corporation (for tax year in column D)[note 2] 260	J Part IV tax for eligible dividends. Dividends (from column G) **multiplied** by 38 1/3%[note 3] 265	K Part IV tax before deductions. Dividends (from column F) **multiplied** by 38 1/3%[note 4] 275
1							

Taxable dividends received from connected corporations (total amounts from column F with code 1 in column B) . . . . ________ 1A

Taxable dividends received from non-connected corporations (total amounts from column F with code 2 in column B) . . . . ________ 1B

Subtotal (amount 1A **plus** amount 1B, include this amount on line 320 of the T2 Return) ________ 1C

Eligible dividends received from connected corporations (total amounts from column G with code 1 in column B) . . . . ________ 1D

Eligible dividends received from non-connected corporations (total amounts from column G with code 2 in column B) . . . . ________ 1E

Part IV tax before deductions on taxable dividends received from connected corporations (total amounts from column K with code 1 in column B) . . . . ________ 1F

Part IV tax before deductions on taxable dividends received from non-connected corporations (total amounts from column K with code 2 in column B) . . . . ________ 1G

Subtotal (amount 1F **plus** amount 1G) ________ ▶ ________ 1H

Part IV tax on eligible dividends received from connected corporations (total amounts from column J with code 1 in column B) . . . . ________ 1I

Part IV tax on eligible dividends received from non-connected corporations (total amounts from column J with code 2 in column B) . . . . ________ 1J

Subtotal (amount 1I **plus** amount 1J) ________ ▶ ________ 1K

Part IV tax before deductions on taxable dividends (other than eligible dividends) (amount 1H **minus** amount 1K) . . . . ________ 1L

1 If taxable dividends are received, enter the amount in column F, but if the corporation is not subject to Part IV tax (such as a public corporation other than a subject corporation as defined in subsection 186(3)), enter "0" in column J or column K whichever one applies. Life insurers are not subject to Part IV tax on subsection 138(6) dividends.

2 If the connected payer corporation's tax year ends after the corporation's balance-due day for the tax year (two or three months, as applicable), you have to estimate the payer's dividend refund when you calculate the corporation's Part IV tax payable.

3 For eligible dividends received from **connected** corporations, Part IV tax on dividends is equal to: column I **divided** by column H **multiplied** by column G.

4 For taxable dividends received from **connected** corporations, Part IV tax on dividends is equal to: column I **divided** by column H **multiplied** by column F.

Part 2 – Calculation of Part IV tax payable

Part IV tax on dividends received before deductions (amount 1H in part 1) .... ____ 2A

Part IV.I tax payable on dividends subject to Part IV tax (from line 360 of Schedule 43) ...... **320** ____

Subtotal (amount 2A **minus** line 320) ____ ▶ ____ 2B

Current-year non-capital loss claimed to reduce Part IV tax .... **330** ____

Non-capital losses from previous years claimed to reduce Part IV tax .... **335** ____

Current-year farm loss claimed to reduce Part IV tax .... **340** ____

Farm losses from previous years claimed to reduce Part IV tax .... **345** ____

Total losses applied against Part IV tax (total of lines 330 to 345) ____ 2C

Amount 2C **multiplied** by 38 1 / 3 % .... ____ 2D

Part IV tax payable (amount 2B **minus** amount 2D, if negative enter "0") .... **360** ____

(enter amount on line 712 of the T2 return)

If your tax year begins after 2018, complete the following part to determine the required amount of Part IV taxes payable in order to calculate the eligible refundable dividend tax on hand (ERDTOH) at the end of the tax year.

Part IV tax before deductions on taxable dividends received from connected corporations note 5 (amount 1F in part 1) .... ____ 2E

Amount 4A from Schedule 43 .... ____ 2F

Part IV tax payable on taxable dividends received from connected corporations (amount 2E minus amount 2F, if negative enter "0") .... ____ 2G

(enter at amount L on page 7 of the T2 return)

If your tax year begins after 2018, complete the following part to determine the required amount of Part IV taxes payable in order to calculate the eligible refundable dividend tax on hand (ERDTOH) at the end of the tax year.

Part IV tax on eligible dividends received from non-connected corporations (amount 1J in part 1) .... ____ 2H

Amount 4C from Schedule 43 .... ____ 2I

Part IV tax payable on eligible dividends received from non-connected corporations (amount 2H minus amount 2I, if negative enter "0") .... ____ 2J

(enter at amount M on page 7 of the T2 return)

5 To the extent of a dividend refund to the connected payer corporation from its eligible refundable dividend tax on hand (ERDTOH). Otherwise, the amount 2E is nil.

Part 3 – Taxable dividends paid in the tax year that qualify for a dividend refund

If your corporation's tax year-end is different than that of the connected recipient corporation, your corporation could have paid dividends in more than one tax year of the recipient corporation. If so, use a separate line to provide the information according to each tax year of the recipient corporation.

	L Name of connected recipient corporation **400**	M Business Number **410**	N Tax year-end of connected recipient corporation in which the dividends in column O were received YYYYMMDD **420**	O Taxable dividends paid to connected corporations **430**	P Eligible dividends included in column O **440**
1	Hydro Ottawa Holding Inc.	89411 0816 RC0001	2017-12-31	20,600,000	
2					
				20,600,000 (Total of column O)	(Total of column P)

Part 3 – Taxable dividends paid in the tax year that qualify for a dividend refund (continued)

Total taxable dividends paid in the tax year to other than connected corporations			450	
Eligible dividends included in line 450	455			
Total taxable dividends paid in the tax year that qualify for a dividend refund (total of column O **plus** line 450)			460	20,600,000
Total eligible dividends paid in the tax year (total of column P **plus** line 455)			465	
Total non-eligible taxable dividends paid in the tax year (line 460 **minus** line 465)			470	20,600,000

Complete this part to determine the following amounts in order to calculate the dividend refund.

Line 465 **multiplied** by 38 1 / 3 % (enter at amount AA on page 7 of the T2 return)		3A
Line 470 **multiplied** by 38 1 / 3 % (enter at amount DD on page 7 of the T2 return)	7,896,667	3B

Part 4 – Total dividends paid in the tax year

Complete this part **if** the total taxable dividends paid in the tax year that qualify for a dividend refund (line 460) is different from the total dividends paid in the tax year.

Total taxable dividends paid in the tax year for the purposes of a dividend refund (from above)				20,600,000	
Other dividends paid in the tax year (total of 510 to 540)					
Total dividends paid in the tax year			500	20,600,000	
Dividends paid out of capital dividend account	510				
Capital gains dividends	520				
Dividends paid on shares described in subsection 129(1.2)	530				
Taxable dividends paid to a controlling corporation that was bankrupt at any time in the year	540				
Subtotal (total of lines 510 to 540)			▶		4A
Total taxable dividends paid in the tax year that qualify for a dividend refund (Line 500 **minus** amount 4A)				20,600,000	4B

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Schedule 5

Tax Calculation Supplementary – Corporations

Corporation's name	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule if, during the tax year, your corporation:
  - had a permanent establishment in more than one jurisdiction (corporations that have no taxable income should only complete columns A, B and D in Part 1);
  - is claiming provincial or territorial tax credits or rebates (see Part 2); or
  - has to pay taxes, other than income tax, for Newfoundland and Labrador, or Ontario (see Part 2).
- All legislative references are to the Income Tax Regulations.
- For more information, see the T2 Corporation – Income Tax Guide.
- For the regulation number to be entered in field 100 of Part 1, see the chart below.

Part 1 – Allocation of taxable income

100 ______ Enter the Regulation that applies (402 to 413)

A Jurisdiction. Tick yes if the corporation had a permanent establishment in the jurisdiction during the tax year *		B Total salaries and wages paid in jurisdiction	C (B x taxable income) / G	D Gross revenue	E (D x taxable income) / H	F Allocation of taxable income (C + E) x 1/2** (where either G or H is nil, do not multiply by 1/2)
Newfoundland and Labrador	003 Yes ☐	103		143		
Newfoundland and Labrador Offshore	004 Yes ☐	104		144		
Prince Edward Island	005 Yes ☐	105		145		
Nova Scotia	007 Yes ☐	107		147		
Nova Scotia Offshore	008 Yes ☐	108		148		
New Brunswick	009 Yes ☐	109		149		
Quebec	011 Yes ☐	111		151		
Ontario	013 Yes ☐	113		153		
Manitoba	015 Yes ☐	115		155		
Saskatchewan	017 Yes ☐	117		157		
Alberta	019 Yes ☐	119		159		
British Columbia	021 Yes ☐	121		161		
Yukon	023 Yes ☐	123		163		
Northwest Territories	025 Yes ☐	125		165		
Nunavut	026 Yes ☐	126		166		
Outside Canada	027 Yes ☐	127		167		
Total		129 G		169 H		

* "Permanent establishment" is defined in subsection 400(2)

** For corporations other than those described under section 402, use the appropriate calculation described in the Regulations to allocate taxable income.

Notes:

1. After determining the allocation of taxable income, you have to calculate the corporation's provincial or territorial tax payable. For more information on how to calculate the tax for each province or territory, see the instructions for Schedule 5 in the T2 Corporation – Income Tax Guide.
2. If the corporation has provincial or territorial tax payable, complete Part 2.
3. If the corporation is a member of a partnership and the partnership had a permanent establishment in a jurisdiction, select the jurisdiction in Column A and include your proportionate share of the partnership's salaries and wages and gross revenue in columns B and D, respectively.

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Part 2 – Ontario tax payable, tax credits, and rebates

Total taxable income	Income eligible for small business deduction	Provincial or territorial allocation of taxable income	Provincial or territorial tax payable before credits
14,013,639		14,013,639	1,611,568

Ontario basic income tax (from Schedule 500)	270	1,611,568		
Ontario small business deduction (from Schedule 500)	402			
Subtotal (line 270 **minus** line 402)		1,611,568	1,611,568	5A
Ontario transitional tax debits (from Schedule 506)	276			
Recapture of Ontario research and development tax credit (from Schedule 508)	277			
Subtotal (line 276 **plus** line 277)				5B
Gross Ontario tax (amount 5A **plus** amount 5B)			1,611,568	5C
Ontario resource tax credit (from Schedule 504)	404			
Ontario tax credit for manufacturing and processing (from Schedule 502)	406			
Ontario foreign tax credit (from Schedule 21)	408			
Ontario credit union tax reduction (from Schedule 500)	410			
Ontario political contributions tax credit (from Schedule 525)	415			
Ontario non-refundable tax credits (total of lines 404 to 415)				5D
Subtotal (amount 5C **minus** amount 5D) (if negative, enter "0")			1,611,568	5E
Ontario research and development tax credit (from Schedule 508)	416		175,989	
Ontario corporate income tax payable before Ontario corporate minimum tax credit and Ontario community food program donation tax credit for farmers (amount 5E **minus** line 416) (if negative, enter "0")			1,435,579	5F
Ontario corporate minimum tax credit (from Schedule 510)	418		347,803	
Ontario community food program donation tax credit for farmers (from Schedule 2)	420			
Ontario corporate income tax payable (amount 5F **minus** the total of lines 418 and 420) (if negative enter "0")			1,087,776	5G
Ontario corporate minimum tax (from Schedule 510)	278			
Ontario special additional tax on life insurance corporations (from Schedule 512)	280			
Subtotal (line 278 **plus** line 280)				5H
Total Ontario tax payable before refundable tax credits (amount 5G **plus** amount 5H)			1,087,776	5I
Ontario qualifying environmental trust tax credit	450			
Ontario co-operative education tax credit (from Schedule 550)	452	58,614		
Ontario apprenticeship training tax credit (from Schedule 552)	454	124,482		
Ontario computer animation and special effects tax credit (from Schedule 554)	456			
Ontario film and television tax credit (from Schedule 556)	458			
Ontario production services tax credit (from Schedule 558)	460			
Ontario interactive digital media tax credit (from Schedule 560)	462			
Ontario sound recording tax credit (from Schedule 562)	464			
Ontario book publishing tax credit (from Schedule 564)	466			
Ontario innovation tax credit (from Schedule 566)	468			
Ontario business-research institute tax credit (from Schedule 568)	470			
Ontario refundable tax credits (total of lines 450 to 470)		183,096	183,096	5J
Net Ontario tax payable or refundable tax credit (amount 5I **minus** amount 5J) (if a credit, enter amount in brackets) Include this amount on line 255.	290		904,680	

Summary

Enter the total net tax payable or refundable tax credits for all provinces and territories on line 255.

Net provincial and territorial tax payable or refundable tax credits **255** 904,680

If the amount on line 255 is positive, enter the net provincial and territorial tax payable on line 760 of the T2 return.
If the amount on line 255 is negative, enter the net provincial and territorial refundable tax credits on line 812 of the T2 return.

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Schedule 8

Capital Cost Allowance (CCA)

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

For more information, see the section called "Capital Cost Allowance" in the T2 Corporation Income Tax Guide.

Is the corporation electing under Regulation 1101(5q)? **101** Yes [ ] No [X]

	1 Class number * See note 1 200	Description	2 Undepreciated capital cost (UCC) at the beginning of the year 201	3 Cost of acquisitions during the year (new property must be available for use) See note 2 203	4 Cost of acquisitions from column 3 that are accelerated investment incentive properties (AIIP) See note 3 225	5 Adjustments and transfers See note 4 205	6 Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition See note 5 221	7 Amount from column 5 that is repaid during the year for a property, subsequent to its disposition See note 6 222	8 Proceeds of dispositions See note 7 207	For tax years ending before November 21, 2018: 50% rule (1/2 of net acquisitions) 211
1.	1		178,903,969						0	
2.	1b		23,066,803	1,203,438					0	601,719
3.	2	Dist equip pre 88	56,109,134						0	
4.	3	buildings pre 88	8,730,589						0	
5.	8		10,186,587	6,263,623					0	3,131,812
6.	10		4,564,341	1,311,557					13,228	649,165
7.	12		1,033,605	10,627,118					0	5,313,559
8.	42		287,834	818,064					0	409,032
9.	43.2	SOLAR ASSETS	21,393						0	
10.	45		7,907						0	
11.	47		449,183,954	70,656,763					100,218	35,278,273
12.	50		1,366,565	123,713					0	61,857
13.	14.1	Pre 2017 ECE	12,465,009						0	
14.	14.1	Land Rights / Line connection		613,016					0	306,508
		Totals	745,927,690	91,617,292					113,446	45,751,925

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	1 Class number * See note 1 (200)	Des-crip-tion	9 UCC (column 2 **plus** column 3 **plus** or **minus** column 5 **minus** column 8) See note 8	10 Proceeds of disposition available to reduce the UCC of AIIP (column 8 **plus** column 6 **minus** column 3 **plus** column 4 **minus** column 7) (if negative, enter "0")	11 Net capital cost additions of AIIP acquired during the year (column 4 **minus** column 10) (if negative, enter "0")	12 UCC adjustment for AIIP acquired during the year (column 11 **multiplied** by the relevant factor) See note 9	13 UCC adjustment for non-AIIP acquired during the year (0.5 **multiplied** by the result of column 3 **minus** column 4 **minus** column 6 **plus** column 7 **minus** column 8) (if negative, enter "0") See note 10 (224)	14 CCA rate % See note 11 (212)	15 Recapture of CCA See note 12 (213)	16 Terminal loss See note 13 (215)	17 CCA (for declining balance method, the result of column 9 **plus** column 12 **minus** column 13, **multiplied** by column 14 or a lower amount) See note 14 (217)	18 UCC at the end of the year (column 9 **minus** column 17) (220)
1.	1		178,903,969					4	0	0	7,156,159	171,747,810
2.	1b		24,270,241					6	0	0	1,420,111	22,850,130
3.	2	Dist eq	56,109,134					6	0	0	3,366,548	52,742,586
4.	3	buildin	8,730,589					5	0	0	436,529	8,294,060
5.	8		16,450,210					20	0	0	2,663,680	13,786,530
6.	10		5,862,670					30	0	0	1,564,052	4,298,618
7.	12		11,660,723					100	0	0	6,347,164	5,313,559
8.	42		1,105,898					12	0	0	83,624	1,022,274
9.	43.2	SOLAR	21,393					50	0	0	10,697	10,696
10.	45		7,907					45	0	0	3,558	4,349
11.	47		519,740,499					8	0	0	38,756,978	480,983,521
12.	50		1,490,278					55	0	0	785,632	704,646
13.	14.1	Pre 20	12,465,009					5	0	0	872,550	11,592,459
14.	14.1	Land R	613,016					5	0	0	15,325	597,691
		Totals	837,431,536								63,482,607	773,948,929

Enter the total of column 15 on line 107 of Schedule 1.
Enter the total of column 16 on line 404 of Schedule 1.
Enter the total of column 17 on line 403 of Schedule 1.

Note 1. If a class number has not been provided in Schedule II of the Income Tax Regulations for a particular class of property, use the subsection provided in Regulation 1101. Class numbers followed by a letter indicate the basic rate of the class taking into account the additional deduction allowed. Class 1a: 4% + 6% = 10% (class 1 to 10%), class 1b: 4% + 2% = 6% (class 1 to 6%).

Note 2. Include any property acquired in previous years that has now become available for use. This property would have been previously excluded from column 3. List separately any acquisitions of property in the class that are not subject to the 50% rule. See Income Tax Folio S3-F4-C1, General Discussion of Capital Cost Allowance, for exceptions to the 50% rule.

Note 3. An accelerated investment incentive property (AIIP) is a property (other than property included in Class 54 or 55) that you acquired after November 20, 2018 and became available for use before 2028. See the T2 Corporation Income Tax Guide for more information. Classes 54 and 55 include property that is a zero-emission vehicle you acquired after March 18, 2019 and became available for use before 2028.

Note 4. Enter in column 5, "Adjustments and transfers", amounts that increase or reduce the undepreciated capital cost (column 9). Items that increase the undepreciated capital cost include amounts transferred under section 85, or transferred on amalgamation or winding-up of a subsidiary. Items that reduce the undepreciated capital cost (show amounts that reduce the undepreciated capital cost in brackets) include government assistance received or entitled to be received in the year, or a reduction of capital cost after the application of section 80. See the T2 Corporation Income Tax Guide for other examples of adjustments and transfers to include in column 5.

Note 5. Include all amounts of assistance you received (or were entitled to receive) after the disposition of a depreciable property that would have decreased the capital cost of the property by virtue of paragraph 13(7.1)(f) if received before the disposition.

Note 6. Include all amounts you have repaid during the year with respect to any legally required repayment, made after the disposition of a corresponding property, of:

- assistance that would have otherwise increased the capital cost of the property under paragraph 13(7.1)(d); and
- an inducement, assistance or any other amount contemplated in paragraph 12(1)(x) received, that otherwise would have increased the capital cost of the property under paragraph 13(7.4)(b).

Also include the UCC of each property of a prescribed class acquired in the course of a corporate reorganization described under paragraph 55(3)(b) of the Act (also known as "butterfly reorganization") or in a non-arm's length transaction (other than by virtue of a right referred to in paragraph 251(5)(b) of the Act) if the property was a depreciable property acquired by the transferor less than 364 days before the end of your tax year.

Note 7. For each property disposed of during the year, deduct from the proceeds of disposition any outlays and expenses to the extent that they were made or incurred for the purpose of making the disposition(s). The amount reported in respect of the property cannot exceed the property's capital cost, unless that property is a timber resource property as defined in subsection 13(21).

Note 8. If the amount in column 5 reduces the undepreciated capital cost (i.e. it is shown in brackets), you must subtract it for the purposes of the calculation. Otherwise, add the amount in column 5 for the purposes of the calculation.

Note 9. The relevant factors for AIIP of a class in Schedule II and for property included in classes 54 and 55, available for use before 2024, are:

- 2 1/3 for property in Classes 43.1 and 54;
- 1 1/2 for property in Class 55;
- 1 for property in Classes 43.2 and 53;
- 0 for property in Classes 12, 13, 14, and 15, as well as properties that are Canadian vessels included in paragraph 1100(1)(v) of the Regulations (see note 14 for additional information); and
- 0.5 for all other property that is AIIP.

Note 10. The UCC adjustment for non-AIIP acquired during the year (formerly known as the half-year rule or 50% rule) does not apply to certain property (including AIIP). For special rules and exceptions, see Income Tax Folio S3-F4-C1, General Discussion of Capital Cost Allowance.

Note 11. Enter a rate only if you are using the declining balance method. For any other method (for example the straight-line method, where calculations are always based on the cost of acquisitions), enter N/A. Then enter the amount you are claiming in column 17.

Note 12. If the amount in column 9 is negative, you have a recapture of CCA. If applicable, enter the negative amount from column 9 in column 15 as a positive. The recapture rules do not apply to passenger vehicles in Class 10.1.

Note 13. If no property is left in the class at the end of the tax year and there is still a positive amount in the column 9, you have a terminal loss. If applicable, enter the positive amount from column 9 in column 16. The terminal loss rules do not apply to:

- passenger vehicles in Class 10.1;
- property in Class 14.1, unless you have ceased carrying on the business to which it relates; or
- limited-period franchises, concessions, or licences in Class 14 if, at the time of acquisition, the property was a former property of the transferor or any similar property attributable to the same fixed place of business, and you had jointly elected with the transferor to have the replacement property rules apply.

Note 14. If the tax year is shorter than 365 days, prorate the CCA claim. Some classes of property do not have to be prorated. See the T2 Corporation Income Tax Guide for more information. For property in class 10.1 disposed of during the year, deduct a maximum of 50% of the regular CCA deduction if you owned the property at the beginning of the tax year. For AIIP listed below, the maximum first year allowance you can claim is determined as follows:

- Class 13: the lesser of 150% of the amount calculated in Schedule III of the Regulations and the UCC at the end of the tax year (before any CCA deduction).
- Class 14: the lesser of 150% of the allocation for the year of the capital cost of the property apportioned over the remaining life of the property (at the time the cost was incurred) and the UCC a the end of the tax year (before any CCA deduction).
- Class 15: the lesser of 150% of an amount computed on the basis of a rate per cord, board foot or cubic metre cut in the tax year and the UCC at the end of the tax year (before any CCA deduction).
- Canadian vessels described under paragraph 1100(1)(v) of the Regulations: the lesser of 50% of the capital cost of the property and the UCC at the end of the tax year (before any CCA deduction).
- Class 41.2: use a 25% CCA rate. The additional allowance under paragraph 1100(1)(y.2)(for single mine properties) and 1100(1)(ya.2 (for multiple mine properties) of the Regulations is not eligible for the accelerated investment incentive. The additional allowance in respect of natural gas liquefaction under paragraph 1100(1)(yb) of the Regulations is eligible for the accelerated investment incentive.
- Property (other than a timber resource property) that is a timber limit or a right to cut timber from a limit: 150% of the amount determined by first subtracting the total of the residual value of the timber limit and all amounts you expended for the 1949 or later tax years for surveys, cruises or preparation of prints, maps or plans for the purpose of obtaining a licence or right to cut timber from the capital cost of the limit or right, and then dividing the result by the quantity of timber in the limit or the quantity of timber you have the right to cut.
- Industrial mineral mine or a right to remove industrial minerals from an industrial mineral mine: 150% of the amount determined by first subtracting the residual value, if any, of the mine or right from the capital cost of the mine or right, and then dividing the result by the number of units of commercially mineable material estimated to be in the mine when the mine or right was acquired (alternatively, if you have acquired a right to remove only a specified number of units, that number of units that you acquired a right to remove).

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SCHEDULE 9

RELATED AND ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Complete this schedule if the corporation is related to or associated with at least one other corporation.
- For more information, see the *T2 Corporation Income Tax Guide*.

	Name 100	Country of residence (other than Canada) 200	Business number (see note 1) 300	Relationship code (see note 2) 400	Number of common shares you own 500	% of common shares you own 550	Number of preferred shares you own 600	% of preferred shares you own 650	Book value of capital stock 700
1.	Hydro Ottawa Holding Inc./Societe I		89411 0816 RC0001	1					
2.	Energy Ottawa Inc./Energie Ottawa		86338 9961 RC0001	3					
3.	Telecom Ottawa Holding Inc. / Soci		86202 9337 RC0001	3					
4.	PowerTrail Inc.		82829 3944 RC0001	3					
5.	Moose Creek Energy Inc.		82851 1311 RC0001	3					
6.	Chaudiere Hydro Inc. Hydro Chaudi		81281 3103 RC0001	3					
7.	Chaudiere Water Power Inc/Energie		10093 1955 RC0001	3					
8.	2425932 ONTARIO INC.		80053 3846 RC0001	3					
9.	CHAUDIERE HYDRO NORTH INC.		79821 6321 RC0001	3					
10.	EO GENERATION GP INC.		83966 8308 RC0001	3					
11.	THE GANANOQUE WATER POWER (		10521 4068 RC0001	3					
12.	SOLARTRAIL GP INC.		81087 4164 RC0001	3					
13.	EONY GENERATION HOLDING INC.	US	NR	3					
14.	EONY GENERATION LIMITED	US	NR	3					
15.	9927891 CANADA INC.		74962 8699 RC0001	3					
16.	CPS CURRENT POWER SERVICES (2		78232 7522 RC0001	3					
17.	ENERGY OTTAWA CABLE TESTING		74276 6892 RC0001	3					
18.	HULL ENERGY GP INC.		74882 0321 RC0001	3					
19.	Smart City Lighting Inc.		79280 8719 RC0001	3					

Note 1: Enter "NR" if the corporation is not registered or does not have a business number.
Note 2: Enter the code number of the relationship that applies from the following order: 1 - Parent 2 - Subsidiary 3 - Associated 4 - Related but not associated

T2 SCH 9 (11)

Canada

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SCHEDULE 13

CONTINUITY OF RESERVES

Name of corporation	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- For use by corporations to provide a continuity of all reserves claimed which are allowed for tax purposes.
- File one completed copy of this schedule with the corporation's *T2 Corporation Income Tax Return*.
- For more information, see the *T2 Corporation Income Tax Guide*.

Part 1 – Capital gains reserves

	Description of property 001	Balance at the beginning of the year $ 002	Transfer on an amalgamation or the wind-up of a subsidiary $ 003	Add $	Deduct $	Balance at the end of the year $ 004
1						
	Totals	008	009			010

The amount from line 008 **plus** the amount from line 009 should be entered on line 880 of Schedule 6, *Summary of Dispositions of Capital Property*. The amount from line 010 should be entered on line 885 of Schedule 6.

Part 2 – Other reserves

Description		Balance at the beginning of the year $	Transfer on an amalgamation or the wind-up of a subsidiary $	Add $	Deduct $	Balance at the end of the year $
Reserve for doubtful debts	X	110 1,721,271	115	649,703		120 2,370,974
Reserve for undelivered goods and services not rendered		130	135			140
Reserve for prepaid rent		150	155			160
Reserve for refundable containers		190	195			200
Reserve for unpaid amounts		210	215			220
Other tax reserves		230	235			240
Totals		270 1,721,271	275	649,703		280 2,370,974

Enter "X" in the column above if the tax reserve has also been reported on the corporation's financial statements. This allows offsetting entries on Schedule 1, resulting in a zero effect on net income for tax purposes.

The amount from line 270 **plus** the amount from line 275 should be entered on line 125 of Schedule 1, *Net Income (Loss) for Income Tax Purposes*, as an addition. The amount from line 280 should be entered on line 413 of Schedule 1 as a deduction.

Continuity of financial statement reserves (not deductible)

Financial statement reserves (not deductible)

	Description	Balance at the beginning of the year	Transfer on an amalgamation or the wind-up of a subsidiary	Add	Deduct	Balance at the end of the year
1	Allowance for Doubtful Debts					
2	Contingent Liability	1,682,349			869,479	812,870
3						
	Reserves from Part 2 of Schedule 13	1,721,271		649,703		2,370,974
	Totals	3,403,620		649,703	869,479	3,183,844

The total opening balance plus the total transfers should be entered on line 414 of Schedule 1 as a deduction.
The total closing balance should be entered on line 126 of Schedule 1 as an addition.

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Schedule 15

Deferred Income Plans

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Complete the information below if the corporation deducted payments from its income made to a registered pension plan (RPP), a registered supplementary unemployment benefit plan (RSUBP), a deferred profit sharing plan (DPSP), a pooled registered pension plan (PRPP), or an employee profit sharing plan (EPSP).
- If the trust that governs an employee profit sharing plan is **not resident** in Canada, please indicate if the T4PS, *Statement of Employees Profit Sharing Plan Allocations and Payments*, Supplementary slip(s) were filed for the last calendar year, and whether they were filed by the trustee or the employer.

	Type of plan (see note 1) 100	Amount of contribution $ (see note 2) 200	Registration number (RPP, RSUBP, PRPP, and DPSP only) 300	Name of EPSP trust 400	Address of EPSP trust 500	T4PS slip(s) (see note 3) 600
1	1	5,689,325	345983			

Note 1

Enter the applicable code number:

1 – RPP
2 – RSUBP
3 – DPSP
4 – EPSP
5 – PRPP

Note 2

You do not need to add to Schedule 1 any payments you made to deferred income plans.
To reconcile such payments, calculate the following amount:

Total of all amounts indicated in column 200 of this schedule . . . . 5,689,325 A

Less:

Total of all amounts for deferred income plans deducted in your financial statements . . . . . 5,689,325 B

Deductible amount for contributions to deferred income plans
(amount A **minus** amount B) (if negative, enter "0") C

Enter amount C on line 417 of Schedule 1

Note 3

T4PS slip(s) filed by: 1 – Trustee
2 – Employer
(EPSP only)

T2 SCH 15 (13)

Canada

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Schedule 23

Agreement Among Associated Canadian-Controlled Private Corporations to Allocate the Business Limit

- For use by a Canadian-controlled private corporation (CCPC) to identify all associated corporations and to assign a percentage for each associated corporation. This percentage will be used to allocate the business limit for purposes of the small business deduction. Information from this schedule will also be used to determine the date the balance of tax is due and to calculate the reduction to the business limit.
- An associated CCPC that has more than one tax year ending in a calendar year is required to file an agreement for each tax year ending in that calendar year.

Column 1: Enter the legal name of each of the corporations in the associated group, including those deemed to be associated under subsection 256(2) of the Income Tax Act.

Column 2: Provide the business number for each corporation (if a corporation is not registered, enter "NR").

Column 3: Enter the association code from the list below that applies to each corporation:

1 – Associated for purposes of allocating the business limit (unless association code 5 applies)
2 – CCPC that is a **third corporation** as referred to in subsection 256(2) and has filed Schedule 28, Election not to be Associated Through a Third Corporation
3 – Non-CCPC that is a **third corporation**
4 – Associated non-CCPC
5 – Associated CCPC to which association code 1 does not apply because a **third corporation** has filed Schedule 28

Column 4: Enter the business limit for the year of each corporation in the associated group. Enter "0" if the corporation has association code 2, 3 or 4 in column 3 (except if the corporation is a cooperative or a credit union eligible for the SBD and it has association code 4).

Column 5: Assign a percentage to allocate the business limit to each corporation that has association code 1 in column 3. The total of all percentages in column 5 cannot exceed 100%.

Column 6: Enter the business limit allocated to each corporation by multiplying the amount in column 4 by the percentage in column 5. Add all business limits allocated in column 6 and enter the total at line A.

Ensure that the total at line A does not exceed $500,000.

Allocating the business limit

Date filed (do not use this area) . . . . . 025 Year Month Day

Enter the calendar year to which the agreement applies . . . . . 050 Year 2017

Is this an amended agreement for the above calendar year that is intended to replace an agreement previously filed by any of the associated corporations listed below? . . . . . 075 [ ] Yes [X] No

	1 Name of associated corporations 100	2 Business number of associated corporations 200	3 Association code 300	4 Business limit for the year before the allocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400
1	Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	1	500,000	100.0000	500,000
2	Hydro Ottawa Holding Inc./Societe De Portefeı	89411 0816 RC0001	1	500,000		
3	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	1	500,000		
4	Telecom Ottawa Holding Inc. / Societe De Port	86202 9337 RC0001	1	500,000		
5	PowerTrail Inc.	82829 3944 RC0001	1	500,000		
6	Moose Creek Energy Inc.	82851 1311 RC0001	1	500,000		
7	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	1	500,000		
8	Chaudiere Water Power Inc/Energie Hydrauliqu	10093 1955 RC0001	1	500,000		
9	2425932 ONTARIO INC.	80053 3846 RC0001	1	500,000		
10	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	1	500,000		
11	EO GENERATION GP INC.	83966 8308 RC0001	1	500,000		
12	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	1	500,000		
13	SOLARTRAIL GP INC.	81087 4164 RC0001	1	500,000		
14	EONY GENERATION HOLDING INC.	NR	4			
15	EONY GENERATION LIMITED	NR	4			
16	9927891 CANADA INC.	74962 8699 RC0001	1	500,000		
17	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	1	500,000		
18	ENERGY OTTAWA CABLE TESTING SERVICES I	74276 6892 RC0001	1	500,000		

	1 Name of associated corporations 100	2 Business number of associated corporations 200	3 Association code 300	4 Business limit for the year before the allocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400	
19	HULL ENERGY GP INC.	74882 0321 RC0001	1	500,000			
20	Smart City Lighting Inc.	79280 8719 RC0001	5				
				Total	100.0000	500,000	A

Business limit reduction under subsection 125(5.1) of the Act

The business limit reduction is calculated in the small business deduction area of the T2 return. One of the factors used in this calculation is the "large corporation amount" at line 415 of the T2 return. The amount at line 415 is determined using the formula 0.225% x (D - $10,000,000). Details of this formula and variable D are in subsection 125(5.1) of the Act.

* Each corporation will enter on line 410 of the T2 return, the amount allocated to it in column 6. However, if the corporation's tax year is less than 51 weeks, prorate the amount in column 6 by the number of days in the tax year divided by 365, and enter the result on line 410 of the T2 return.

Special rules for business limit

Special rules apply under subsection 125(5) if a CCPC has more than one tax year ending in the same calendar year and it is associated in more than one of those tax years with another CCPC that has a tax year ending in that calendar year. The business limit for the second or later tax year will be equal to the business limit determined for the first tax year ending in the calendar year or the business limit determined for the second or later tax year ending in the same calendar year, whichever is less.

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

Canada Revenue Agency / Agence du revenu du Canada

Schedule 31

Investment Tax Credit – Corporations

General information

- Use this schedule:
  - to calculate an investment tax credit (ITC) earned during the tax year;
  - to claim a deduction against Part I tax payable;
  - to claim a refund of credit earned during the current tax year;
  - to claim a carryforward of credit from previous tax years;
  - to transfer a credit following an amalgamation or the wind-up of a subsidiary, as described under subsections 87(1) and 88(1);
  - to request a credit carryback to one or more previous years;
  - if you are subject to a recapture of ITC; or
  - if you are claiming:
    - the **Ontario Research and Development Tax Credit**;
    - the **Ontario Innovation Tax Credit.**
- Unless otherwise stated, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- The ITC is eligible for a three-year carryback (if not deductible in the year earned). It is also eligible for a twenty-year carryforward.
- Investments or expenditures, described in subsection 127(9) and Regulation Part XLVI, that earn an ITC are:
  - qualified property and qualified resource property (Parts 4 to 7 of this schedule);
  - qualified scientific research and experimental development (SR&ED) expenditures (Parts 8 to 17). File Form T661, *Scientific Research and Experimental Development (SR&ED) Expenditures Claim*;
  - pre-production mining expenditures (Parts 18 to 20);
  - apprenticeship job creation expenditures (Parts 21 to 23); and
  - child care spaces expenditures (Parts 24 to 28).
    - Expenditures related to child care spaces incurred after March 21, 2017 no longer qualify for the investment tax credit. If you entered into a written agreement before March 22, 2017, eligible expenditures incurred before 2020 will remain eligible for the credit.
- File this schedule with the *T2 Corporation Income Tax Return.* If you need more space, attach additional schedules.
- For more information on ITCs, see "Investment Tax Credit" in Guide T4012, *T2 Corporation – Income Tax Guide* and read Information Circular IC78-4, *Investment Tax Credit Rates*, and its related Special Release.
- For more information on SR&ED, see guide T4088, *Guide to Form T661 – Scientific Research and Experimental Development (SR&ED) Expenditures Claim.*

Detailed information

- For the purpose of this schedule, **investment** means the capital cost of the property (excluding amounts added by an election under section 21), determined without reference to subsections 13(7.1) and 13(7.4), minus the amount of any government or non-government assistance that the corporation has received, is entitled to receive, or can reasonably be expected to receive for that property when it files the income tax return for the year in which the property was acquired.
- An ITC deducted or refunded in a tax year for a depreciable property, other than a depreciable property deductible under paragraph 37(1)(b), reduces both the capital cost of that property and the undepreciated capital cost of that class in the next tax year. An ITC for SR&ED deducted or refunded in a tax year will reduce the balance in the pool of deductible SR&ED expenditures and the adjusted cost base (ACB) of an interest in a partnership in the next tax year. An ITC from pre-production mining expenditures deducted in a tax year reduces the balance in the pool of deductible cumulative Canadian exploration expenses in the next tax year.
- Property acquired has to be **available for use** before a claim for an ITC can be made. See subsections 127(11.2) and 248(19) for more information.
- Expenditures for SR&ED and capital costs for a property qualifying for an ITC must be identified by the claimant on Form T661 and Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Expenditures for pre-production mining, apprenticeship, or child care space for an ITC must be identified by the claimant on Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Partnership allocations – Subsection 127(8) provides for the allocation of the amount that may reasonably be considered to be a partner's share of the ITCs of the partnership at the end of the fiscal period of the partnership. An allocation of ITCs is generally considered to be the partner's reasonable share of the ITCs if it is made in the same proportion in which the partners have agreed to share any income or loss and if section 103 is not applicable for the agreement to share any income or loss. Special rules apply to specified members of a partnership and limited partners. For more information, see Guide T4068, *Guide for the Partnership Information Return.*
- For tax purposes, Canada includes the **exclusive economic zone of Canada** as defined in the *Oceans Act* (which generally consists of an area of the sea that is within 200 nautical miles from the Canadian coastline), including the airspace, seabed and subsoil of that zone.
- For the purpose of this schedule, the expression **Atlantic Canada** includes the Gaspé Peninsula and the provinces of Newfoundland and Labrador, Prince Edward Island, Nova Scotia, and New Brunswick, as well as their respective offshore regions (prescribed in Regulation 4609).
- For the purpose of this schedule, **qualified property** means property in Atlantic Canada that is used primarily for manufacturing and processing, farming or fishing, logging, storing grain, or harvesting peat. Property in Atlantic Canada that is used primarily for oil and gas, and mining activities is considered qualified property only if acquired by the taxpayer **before** March 29, 2012. Qualified property includes new buildings and new machinery and equipment (prescribed in Regulation 4600), and if acquired by the taxpayer **after** March 28, 2012, new energy generation and conservation property (prescribed in Regulation 4600). Qualified property can also be used primarily to produce or process electrical energy or steam in a prescribed area (as described in Regulation 4610). See the definition of **qualified property** in subsection 127(9) for more information.

Detailed information (continued)

- For the purpose of this schedule, **qualified resource property** means property in Atlantic Canada that is used primarily for oil and gas, and mining activities, if acquired by the taxpayer **after** March 28, 2012, and **before** January 1, 2016. Qualified resource property includes new buildings and new machinery and equipment (prescribed in Regulation 4600). See the definition of **qualified resource property** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining exploration expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to determine the existence, location, extent, or quality of certain mineral resources in Canada, excluding expenses incurred in the exploration of an oil or gas well. See subparagraph (a)(i) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.
- For the purpose of this schedule, **pre-production mining development expenditures** are pre-production mining expenditures incurred **after** March 28, 2012, by the taxpayer to bring a new mineral resource mine in Canada into production, excluding expenses in the development of a bituminous sands deposit or an oil shale deposit. See subparagraph (a)(ii) of the definition of **pre-production mining expenditure** in subsection 127(9) for more information.

Part 1 – Investments, expenditures, and percentages

Investments	**Specified percentage**
Qualified property acquired primarily for use in Atlantic Canada	10 %
Qualified resource property acquired primarily for use in Atlantic Canada and acquired:	
– after March 28, 2012, and before 2014	10 %
– after 2013 and before 2016	5 %
– after 2015*	0 %

Expenditures

If you are a Canadian-controlled private corporation (CCPC), this percentage may apply to the portion that you claim of the SR&ED qualified expenditure pool that does not exceed your expenditure limit (see Part 10)	35 %

Note: If your current year's qualified expenditures are more than your expenditure limit (see Part 10), the excess is eligible for an ITC calculated at the 15 % rate.

If you are a corporation that is not a CCPC and have incurred qualified expenditures for SR&ED in any area in Canada:	
– before 2014**	20 %
– after 2013**	15 %
If you are a taxable Canadian corporation that incurred pre-production mining expenditures before March 29, 2012	10 %
If you are a taxable Canadian corporation that incurred pre-production mining exploration expenditures:	
– after March 28, 2012, and before 2013	10 %
– in 2013	5 %
– after 2013	0 %
If you are a taxable Canadian corporation that incurred pre-production mining development expenditures***:	
– after March 28, 2012, and before 2014	10 %
– in 2014	7 %
– in 2015	4 %
– after 2015	0 %
If you paid salary and wages to apprentices in the first 24 months of their apprenticeship contract for employment	10 %
If you incurred expenditures after March 18, 2007 and before March 22, 2017 (or before 2020 if you entered into a written agreement before March 22, 2017) for the creation of licensed child care spaces for the children of your employees and, potentially, for other children	25 %

* A transitional relief rate of 10% may apply to property acquired after 2013 and before 2017, if the property is acquired under a written agreement entered into before March 29, 2012, or the property is acquired as part of a **phase** of a project where the construction or the engineering and design work for the construction started before March 29, 2012. See paragraph (a.1) of the definition of **specified percentage** in subsection 127(9) for more information.

** The reduction of the rate from 20% to 15% applies to 2014 and later tax years, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013.

*** A transitional relief rate may apply to expenditures incurred after 2013 and before 2016, if the expenditure is incurred under a written agreement entered into before March 29, 2012, or the expenditure is incurred as part of the development of a new mine where the construction or the engineering and design work for the construction of the new mine started before March 29, 2012. See subparagraphs (k)(ii) and (iii) of the definition of **specified percentage** in subsection 127(9) for more information.

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Part 2 – Determination of a qualifying corporation

Is the corporation a qualifying corporation? . . . . 101 1 Yes [ ] 2 No [X]

For the purpose of a refundable ITC, a **qualifying corporation** is defined under subsection 127.1(2). The corporation has to be a CCPC and its taxable income (before any loss carrybacks) for its previous tax year cannot be more than its **qualifying income limit** for the particular tax year. If the corporation is associated with any other corporations during the tax year, the total of the taxable incomes of the corporation and the associated corporations (before any loss carrybacks), for their last tax year ending in the previous calendar year, cannot be more than their qualifying income limit for the particular tax year.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered **not** associated for the calculation of a refundable ITC if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of both corporations; and
- one of the corporations has at least one shareholder who is not common to both corporations.

If you are a **qualifying** corporation, you will earn a **100%** refund on your share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

Some CCPCs that are **not qualifying** corporations may also earn a **100%** refund on their share of any ITCs earned at the 35% rate on qualified **current** expenditures for SR&ED, up to the allocated expenditure limit. The expenditure limit can be determined in Part 10. The 100% refund does not apply to qualified **capital** expenditures eligible for the 35% credit rate. They are only eligible for the **40%** refund*.

The 100% refund will not be available to a corporation that is an **excluded corporation** as defined under subsection 127.1(2). A corporation is an excluded corporation if, at any time during the year, it is a corporation that is either controlled by (directly or indirectly, in any manner whatever) or is related to:

a) one or more persons exempt from Part I tax under section 149;
b) Her Majesty in right of a province, a Canadian municipality, or any other public authority; or
c) any combination of persons referred to in a) or b) above.

* Capital expenditures incurred after December 31, 2013, including lease payments for property that would have been a capital expenditure if purchased directly, are **not** qualified SR&ED expenditures and are **not** eligible for an ITC on SR&ED expenditures.

Part 3 – Corporations in the farming industry

Complete this area if the corporation is making SR&ED contributions.

Is the corporation claiming a contribution in the current year to an agricultural organization whose goal is to finance SR&ED work (for example, check-off dues)? . . . . 102 1 Yes [ ] 2 No [X]

If **yes**, complete Schedule 125, *Income Statement Information*, to identify the type of farming industry the corporation is involved in.

Contributions to agricultural organizations for SR&ED* . . . . 103 ______
Enter on line 350 of Part 8.

* Enter only contributions not already included on Form T661.
Include 80% of the contributions made **after** 2012. For contributions made **before** 2013, include all of the contributions.

Qualified Property and Qualified Resource Property

Part 4 – Eligible investments for qualified property and qualified resource property from the current tax year

Capital cost allowance class number 105	Description of investment 110	Date available for use 115	Location used in Atlantic Canada (province) 120	Amount of investment 125

Total of investments for qualified property and qualified resource property ______ A1

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

Part 5 – Current-year credit and account balances – ITC from investments in qualified property and qualified resource property

ITC at the end of the previous tax year			B1
Credit deemed as a remittance of co-op corporations	210		
Credit expired	215		
Subtotal (line 210 **plus** line 215)		▶	C1
ITC at the beginning of the tax year (amount B1 **minus** amount C1)		220	
Credit transferred on an amalgamation or the wind-up of a subsidiary	230		
ITC from repayment of assistance	235		
Qualified property; and qualified resource property acquired after March 28, 2012, and before January 1, 2014* (applicable part from amount A1 in Part 4) ______ x 10 % =	240		
Qualified resource property acquired after December 31, 2013, and before January 1, 2016 (applicable part from amount A1 in Part 4) ______ x 5 % =	242		
Credit allocated from a partnership	250		
Subtotal (total of lines 230 to 250)		▶	D1
Total credit available (line 220 **plus** amount D1)			E1
Credit deducted from Part I tax	260		
Credit carried back to previous years (amount H1 in Part 6)	a		
Credit transferred to offset Part VII tax liability	280		
Subtotal (total of line 260, amount a, and line 280)		▶	F1
Credit balance before refund (amount E1 **minus** amount F1)			G1
Refund of credit claimed on investments from qualified property and qualified resource property (from Part 7)		310	
ITC closing balance of investments from qualified property and qualified resource property (amount G1 **minus** line 310)		320	

* Include investments acquired after 2013 and before 2017 that are eligible for transitional relief.

Part 6 – Request for carryback of credit from investments in qualified property and qualified resource property

	Year Month Day		
1st previous tax year		Credit to be applied	901
2nd previous tax year		Credit to be applied	902
3rd previous tax year		Credit to be applied	903

Total of lines 901 to 903
Enter at amount a in Part 5. H1

Part 7 – Refund of ITC for qualifying corporations on investments from qualified property and qualified resource property

Current-year ITCs (total of lines 240, 242, and 250 in Part 5)	I1
Credit balance before refund (from amount G1 in Part 5)	J1
Refund (40 % of amount I1 or J1, whichever is less)	K1

Enter amount K1 or a lesser amount on line 310 in Part 5 (also enter on line 780 of the T2 return if you do not claim an SR&ED ITC refund).

SR&ED

Part 8 – Qualified SR&ED expenditures

Current expenditures (from line 557 on Form T661)		4,852,256		
Contributions to agricultural organizations for SR&ED				
Deduct: Government assistance, non-government assistance, or contract payment				
Contributions to agricultural organizations for SR&ED for the federal ITC (this amount is updated to line 103 of Part 3. For more details, consult the Help.)*		+		
Current expenditures (line 557 on Form T661 **plus** line 103 in Part 3)*		4,852,256	350	4,852,256
Capital expenditures incurred **before** 2014 (from line 558 on Form T661)**			360	
Repayments made in the year (from line 560 on Form T661)			370	
Qualified SR&ED expenditures (total of lines 350 to 370)			380	4,852,256

* If you are claiming only contributions made to agricultural organizations for SR&ED, line 350 should equal line 103 in Part 3. Do not file Form T661.

** Capital expenditures incurred after December 31, 2013, are not qualified SR&ED expenditures. Capital cost allowance can be claimed for depreciable property acquired for use in SR&ED after 2013.

Part 9 – Components of the SR&ED expenditure limit calculation

Part 9 only applies if you are a CCPC.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered not associated for the calculation of an SR&ED expenditure limit if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of the corporation; and
- one of the corporations has at least one shareholder who is not common to both corporations.

Is the corporation associated with another CCPC for the purpose of calculating the SR&ED expenditure limit? 385 1 Yes [X] 2 No [ ]

If you answered **no** to the question on line 385 or if you are not associated with any other corporations, complete lines 390 and 398.
If you answered **yes**, the amounts for associated corporations will be determined on Schedule 49.

Enter your taxable income for the previous tax year* (prior to any loss carrybacks applied) 390 ______

Enter your taxable capital employed in Canada for the previous tax year minus $10 million. If this amount is nil or negative, enter "0". If this amount is over $40 million, enter $40 million 398 ______

* If the tax year referred to on line 390 is less than 51 weeks, **multiply** the taxable income by the following result: 365 **divided** by the number of days in that tax year.

Part 10 – SR&ED expenditure limit for a CCPC

For a stand-alone (not associated) corporation: $ 8,000,000

Taxable income for the previous tax year (line 390 in Part 9) or $500,000, whichever is more ______ x 10 = ______ A2

Excess ($8,000,000 **minus** amount A2 if the taxation year ends before March 19, 2019; otherwise, enter $3,000,000) (if negative, enter "0")* ______ B2

$ 40,000,000 **minus** line 398 in Part 9 ______ b

Amount b **divided** by $ 40,000,000 ______ C2

Expenditure limit for the stand-alone corporation (amount B2 **multiplied** by amount C2)** ______ D2

For an associated corporation:
If associated, the allocation of the SR&ED expenditure limit, as provided on Schedule 49** 400 ______ E2

If your tax year is less than 51 weeks, calculate the amount of the expenditure limit as follows:

Amount D2 or E2 ______ x Number of days in the tax year 365 / 365 = ______ F2

Your SR&ED expenditure limit for the year (enter amount D2, E2, or F2, whichever applies) 410 ______

* For taxation years ending after March 18, 2019, the taxable income is no longer taken into account in the SR&ED expenditure limit calculation. For more information, consult the Help (F1).

**Amount D2 or E2 cannot be more than $3,000,000.

Part 11 – Investment tax credits on SR&ED expenditures

Current expenditures (from line 350 in Part 8) or the expenditure limit (from line 410 in Part 10), whichever is less* . . . . **420** ________ x 35 % = ________ G2

Line 350 **minus** line 410 (if negative, enter "0") **430** 4,852,256

Amount from line 430 ________ x (Number of days in the tax year before 2014 / Number of days in the tax year) ________ x 20% = ________ c

Amount from line 430** 4,852,256 x (Number of days in the tax year after 2013 / Number of days in the tax year) 365 / 365 x 15 % = 727,838 d

Subtotal (amount c **plus** amount d) . . . . 727,838 ▶ 727,838 H2

Line 410 **minus** line 350 (if negative, enter "0") . . . . ________ e

Capital expenditures (line 360 in Part 8) or amount e, whichever is less* . . . . **440** ________ x 35 % = ________ I2

Line 360 **minus** amount e (if negative, enter "0") . . . . **450** ________

Amount from line 450 ________ x (Number of days in the tax year before 2014 / Number of days in the tax year) ________ x 20% = ________ f

Amount from line 450** ________ x (Number of days in the tax year after 2013 / Number of days in the tax year) 365 / 365 x 15 % = ________ g

Subtotal (amount f **plus** amount g) . . . . ________ ▶ ________ J2

If a corporation makes a repayment of any government or non-government assistance, or contract payments that reduced the amount of qualified expenditures for ITC purposes, the amount of the repayment is eligible for a credit.

Repayments (amount from line 370 in Part 8) . . . . . ________

Enter the amount of the repayment on the line that corresponds to the appropriate rate.

Repayment of assistance that reduced a qualifying expenditure for a CCPC*** . . . . . . **460** ________ x 35 % = ________ h

Repayment of assistance made after September 16, 2016 that reduced a qualifying expenditure incurred before 2015 . . . . **480** ________ x 20 % = ________ i

Repayment of assistance made after September 16, 2016 that reduced a qualifying expenditure incurred after 2014 . . . . **490** ________ x 15 % = ________ j

Subtotal (**add** amounts h to j) ________ ▶ ________ K2

Current-year SR&ED ITC (total of amounts G2 to K2; enter on line 540 in Part 12) 727,838 L2

* For corporations that are not CCPCs, enter "0" for amounts G2 and I2.

** For tax years that end after 2013, the general SR&ED ITC rate is reduced from 20% to 15%, except that, for 2014 tax years that start **before** 2014, the reduction is pro-rated based on the number of days in the tax year that are **after** 2013. For tax years that have a start date **after** 2013, **multiply** the amount by 15%.

*** If you were a Canadian-controlled private corporation (CCPC), this percentage was applied to the portion that you claimed of the SR&ED qualified expenditure pool that did not exceed your expenditure limit at the time. This percentage includes the rate under subsection 127(10.1), **additions to investment tax credit**. See subsection 127(10.1) for details about exceptions. For expenditures not eligible for this rate use line 480 or 490 as appropriate.

Part 12 – Current-year credit and account balances – ITC from SR&ED expenditures

ITC at the end of the previous tax year				M2
Credit deemed as a remittance of co-op corporations	510			
Credit expired	515			
Subtotal (line 510 **plus** line 515)				N2
ITC at the beginning of the tax year (amount M2 **minus** amount N2)	520			
Credit transferred on an amalgamation or the wind-up of a subsidiary	530			
Total current-year credit (from amount L2 in Part 11)	540	727,838		
Credit allocated from a partnership	550			
Subtotal (total of lines 530 to 550)		727,838	727,838	O2
Total credit available (line 520 **plus** amount O2)			727,838	P2
Credit deducted from Part I tax	560	727,838		
Credit carried back to previous years (amount S2 in Part 13)				k
Credit transferred to offset Part VII tax liability	580			
Subtotal (total of line 560, amount k, and line 580)		727,838	727,838	Q2
Credit balance before refund (amount P2 **minus** amount Q2)				R2
Refund of credit claimed on SR&ED expenditures (from Part 14 or 15, whichever applies)	610			
ITC closing balance on SR&ED (amount R2 **minus** line 610)	620			

Part 13 – Request for carryback of credit from SR&ED expenditures

	Year	Month	Day				
1st previous tax year				Credit to be applied	911		
2nd previous tax year				Credit to be applied	912		
3rd previous tax year				Credit to be applied	913		
				Total of lines 911 to 913 Enter at amount k in Part 12.			S2

Part 14 – Refund of ITC for qualifying corporations – SR&ED

Complete this part only if you are a qualifying corporation as determined on line 101 in Part 2.

Is the corporation an excluded corporation as defined under subsection 127.1(2)?	**650** 1 Yes [ ] 2 No [X]	
Current-year ITC (lines 540 **plus** 550 in Part 12 **minus** amount K2 in Part 11)		I
Refundable credits (amount I or amount R2 in Part 12, whichever is less)*		T2
Amount T2 or amount G2 in Part 11, whichever is less		U2
Net amount (amount T2 **minus** amount U2; if negative, enter "0")		V2
Amount V2 **multiplied** by 40 %		W2
Amount U2		X2
Refund of ITC (amount W2 **plus** amount X2 – enter this, or a lesser amount, on line 610 in Part 12)		Y2

Enter the total of line 310 in Part 5 and line 610 in Part 12 on line 780 of the T2 return.

* If you are also an excluded corporation, as defined in subsection 127.1(2), this amount must be multiplied by 40%. Claim this, or a lesser amount, as your refund of ITC for amount Y2.

Part 15 – Refund of ITC for CCPCs that are not qualifying or excluded corporations – SR&ED

Complete this part only if you are a CCPC that is not a qualifying or excluded corporation as determined on line 101 in Part 2.

Credit balance before refund (amount R2 in Part 12)		Z2
Amount Z2 or amount G2 in Part 11, whichever is less		AA2
Net amount (amount Z2 **minus** amount AA2; if negative, enter "0")		BB2
Amount BB2 or amount I2 in Part 11, whichever is less		CC2
Amount CC2 **multiplied** by 40 %		DD2
Amount AA2		EE2
Refund of ITC (amount DD2 **plus** amount EE2)		FF2

Enter FF2, or a lesser amount, on line 610 in Part 12 and also on line 780 of the T2 return.

Recapture – SR&ED

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED

You will have a recapture of ITC in a year when **all** of the following conditions are met:

- you acquired a particular property in the current year or in any of the 20 previous tax years, and the credit was earned in a tax year ending after 1997 and did not expire before 2008;
- you claimed the cost of the property as a qualified expenditure for SR&ED on Form T661;
- the cost of the property was included in calculating your ITC or was the subject of an agreement made under subsection 127(13) to transfer qualified expenditures; and
- you disposed of the property or converted it to commercial use after February 23, 1998. This condition is also met if you disposed of or converted to commercial use a property that incorporates the particular property previously referred to.

Note:

The recapture **does not apply** if you disposed of the property to a non-arm's-length purchaser who intended to use it all or substantially all for SR&ED. When the non-arm's-length purchaser later sells or converts the property to commercial use, the recapture rules will apply to the purchaser based on the historical ITC rate of the original user.

You will report a recapture on the T2 return for the year in which you disposed of the property or converted it to commercial use. In the following tax year, add the amount of the ITC recapture to the SR&ED expenditure pool.

If you have more than one disposition for calculations 1 and 2, complete the columns for each disposition for which a recapture applies, using the calculation formats below.

Calculation 1 – If you meet all of the above conditions

Amount of ITC you originally calculated for the property you acquired, or the original user's ITC where you acquired the property from a non-arm's length party, as described in the **note** above 700	Amount calculated using ITC rate at the date of acquisition (or the original user's date of acquisition) on either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value of the property (in any other case) 710	Amount from column 700 or 710, whichever is less

Subtotal Enter at amount C3 in Part 17. ______ A3

Calculation 2 – Only if you transferred all or a part of the qualified expenditure to another person under an agreement described in subsection 127(13); otherwise, enter nil on line B3.

A Rate that the transferee used in determining its ITC for qualified expenditures under a subsection 127(13) agreement 720	B Proceeds of disposition of the property if you dispose of it to an arm's length person; or, in any other case, enter the fair market value of the property at conversion or disposition 730	C Amount, if any, already provided for in Calculation 1 (This allows for the situation where only part of the cost of a property is transferred under a subsection 127(13) agreement.) 740	D Amount determined by the formula (A x B) – C	E ITC earned by the transferee for the qualified expenditures that were transferred 750	F Amount from column D or E, whichever is less

Subtotal(total of column F) Enter at amount D3 in Part 17. ______ B3

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED (continued)

Calculation 3

As a member of the partnership, you will report your share of the SR&ED ITC of the partnership after the SR&ED ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 550 in Part 12. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 760.

Corporate partner's share of the excess of SR&ED ITC **760** ____________
Enter at amount E3 in Part 17.

Part 17 – Total recapture of SR&ED investment tax credit

Recaptured ITC from calculation 1, amount A3 in Part 16		C3
Recaptured ITC from calculation 2, amount B3 in Part 16		D3
Recaptured ITC from calculation 3, line 760 in Part 16		E3
Total recapture of SR&ED investment tax credit (total of amounts C3 to E3) Enter at amount A8 in Part 29.		F3

Pre-Production Mining

Part 18 – Pre-production mining expenditures

Exploration information

A mineral resource that qualifies for the credit means a mineral deposit from which the principal mineral to be extracted is diamond, a base or precious metal deposit, or a mineral deposit from which the principal mineral to be extracted is an industrial mineral that, when refined, results in a base or precious metal.

In column 800, list all minerals for which pre-production mining expenditures have taken place in the tax year.

For each of the minerals reported in column 800, identify each project (in column 805), mineral title (in column 806), and mining division (in column 807) where title is registered. If there is no mineral title, identify only the project and mining division.

List of minerals 800	Project name 805

Mineral title 806	Mining division 807

Pre-production mining expenditures*

Exploration:

Pre-production mining expenditures that you incurred in the tax year (**before** January 1, 2014) for the purpose of determining the existence, location, extent, or quality of a mineral resource in Canada:

Prospecting	810	
Geological, geophysical, or geochemical surveys	811	
Drilling by rotary, diamond, percussion, or other methods	812	
Trenching, digging test pits, and preliminary sampling	813	

Development:

Pre-production mining expenditures incurred in the tax year for bringing a new mine in a mineral resource in Canada into production in reasonable commercial quantities and incurred before the new mine comes into production in such quantities:

Clearing, removing overburden, and stripping	820	
Sinking a mine shaft, constructing an adit, or other underground entry	821	

Other pre-production mining expenditures incurred in the tax year:

Description 825	Amount 826
Total of column 826	

Total of column 826	►		A4
Total pre-production mining expenditures (total of lines 810 to 821 and amount A4)	830		
Total of all assistance (grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to on line 830 above	832		
Excess (line 830 **minus** line 832) (if negative, enter "0")			B4
Repayments of government and non-government assistance	835		
Pre-production mining expenditures (amount B4 **plus** line 835)			C4

* A pre-production mining expenditure is defined under subsection 127(9).

Part 19 – Current-year credit and account balances – ITC from pre-production mining expenditures

ITC at the end of the previous tax year . . . . . . ________ D4

Credit deemed as a remittance of co-op corporations . . . . . . **841** ________

Credit expired . . . . . . **845** ________

Subtotal (line 841 **plus** line 845) ________ ► ________ E4

ITC at the beginning of the tax year (amount D4 **minus** amount E4) . . . . . . **850** ________

Credit transferred on an amalgamation or the wind-up of a subsidiary . . . . . . **860** ________

Pre-production mining expenditures* incurred before January 1, 2013 (applicable part from amount C4 in Part 18) . . **870** ________ x 10 % = ________ m

Pre-production mining exploration expenditures** incurred in 2013 (applicable part from amount C4 in Part 18) . . **872** ________ x 5 % = ________ n

Pre-production mining development expenditures incurred in 2014 (applicable part from amount C4 in Part 18) . . **874** ________ x 7 % = ________ o

Pre-production mining development expenditures incurred in 2015 (applicable part from amount C4 in Part 18) . . **876** ________ x 4 % = ________ p

Current year credit (total of amounts m to p) **880** ________ ► ________ F4

Total credit available (total of lines 850, 860, and amount F4) . . . . . . ________ G4

Credit deducted from Part I tax . . . . . . **885** ________

Credit carried back to previous years (amount I4 in Part 20) . . . . . . ________ q

Subtotal (line 885 **plus** amount q) ________ ► ________ H4

ITC closing balance from pre-production mining expenditures (amount G4 **minus** amount H4) . . . . . . **890** ________

* Also include pre-production mining development expenditures incurred before 2014 and pre-production mining development expenditures incurred after 2013 and before 2016 that are eligible for transitional relief.

** Also include pre-production mining development expenditures incurred in 2015 if the expense is described in subparagraph (a)(ii) of the definition **pre-production mining expenditure** in subsection 127(9) of the Act because of paragraph (g.4) of the definition **Canadian exploration expense** in subsection 66.1(6) of the Act.

Part 20 – Request for carryback of credit from pre-production mining expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	**921**	
2nd previous tax year				Credit to be applied	**922**	
3rd previous tax year				Credit to be applied	**923**	

Total of lines 921 to 923
Enter at amount q in Part 19. ________ I4

Apprenticeship Job Creation

Part 21 – Total current-year credit – ITC from apprenticeship job creation expenditures

If you are a related person as defined under subsection 251(2), has it been agreed in writing that you are the only employer who will be claiming the apprenticeship job creation tax credit for this tax year for each apprentice whose contract number (or social insurance number (SIN) or name) appears below? (If not, you cannot claim the tax credit.) . . . . . . **611** 1 Yes ☐ 2 No ☐

For each apprentice in their first 24 months of the apprenticeship, enter the apprenticeship contract number registered with Canada, or a province or territory, under an apprenticeship program designed to certify or license individuals in the trade. For the province, the trade must be a Red Seal trade. If there is no contract number, enter the SIN or the name of the eligible apprentice.

	A Contract number (SIN or name of apprentice) **601**	B Name of eligible trade **602**	C Eligible salary and wages* **603**	D Column C x 10 % **604**	E Lesser of column D or $ 2,000 **605**
1.	[redacted]	[redacted]	38,555	3,856	2,000
2.	[redacted]	[redacted]	37,650	3,765	2,000

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
3.	[redacted]	[redacted]	40,426	4,043	2,000
4.	[redacted]	[redacted]	30,519	3,052	2,000
5.	[redacted]	[redacted]	38,944	3,894	2,000
6.	[redacted]	[redacted]	34,605	3,461	2,000
7.	[redacted]	[redacted]	65,486	6,549	2,000
8.	[redacted]	[redacted]	68,613	6,861	2,000
9.	[redacted]	[redacted]	66,790	6,679	2,000
10.	[redacted]	[redacted]	65,901	6,590	2,000
11.	[redacted]	[redacted]	78,478	7,848	2,000
12.	[redacted]	[redacted]	39,371	3,937	2,000
13.	[redacted]	[redacted]	34,105	3,411	2,000
14.	[redacted]	[redacted]	41,389	4,139	2,000
15.	[redacted]	[redacted]	38,671	3,867	2,000
16.	[redacted]	[redacted]	43,996	4,400	2,000
17.	[redacted]	[redacted]	59,369	5,937	2,000

Total current-year credit (total of column E) Enter on line 640 in Part 22. 34,000 A5

* Other than qualified expenditure incurred, and net of any other government or non-government assistance received or to be received. **Eligible salary and wages**, and **qualified expenditures** are defined under subsection 127(9).

Part 22 – Current-year credit and account balances – ITC from apprenticeship job creation expenditures

ITC at the end of the previous tax year				B5
Credit deemed as a remittance of co-op corporations	612			
Credit expired after 20 tax years	615			
Subtotal (line 612 **plus** line 615)				C5
ITC at the beginning of the tax year (amount B5 **minus** amount C5)	625			
Credit transferred on an amalgamation or the wind-up of a subsidiary	630			
ITC from repayment of assistance	635			
Total current-year credit (amount A5 in Part 21)	640	34,000		
Credit allocated from a partnership	655			
Subtotal (total of lines 630 to 655)		34,000	34,000	D5
Total credit available (line 625 **plus** amount D5)			34,000	E5
Credit deducted from Part I tax	660	34,000		
Credit carried back to previous years (amount G5 in Part 23)				r
Subtotal (line 660 **plus** amount r)		34,000	34,000	F5
ITC closing balance from apprenticeship job creation expenditures (amount E5 **minus** amount F5)	690			

Part 23 – Request for carryback of credit from apprenticeship job creation expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	931	
2nd previous tax year				Credit to be applied	932	
3rd previous tax year				Credit to be applied	933	

Total of lines 931 to 933 Enter at amount r in Part 22. G5

Child Care Spaces

Part 24 – Eligible child care spaces expenditures

Enter the eligible expenditures that you incurred after March 18, 2007 and before March 22, 2017* to create licensed child care spaces for the children of the employees and, potentially, for other children. You cannot be carrying on a child care services business. The eligible expenditures include:

- the cost of depreciable property (other than specified property); and
- the specified child care start-up expenditures.

Properties should be acquired and expenditures should be incurred only to create new child care spaces at a licensed child care facility.

Cost of depreciable property from the current tax year

	Capital cost allowance class number 665	Description of investment 675	Date available for use 685	Amount of investment 695
1.				

Total cost of depreciable property from the current tax year (total of column 695)	715	
Specified child care start-up expenditures from the current tax year	705	
Total gross eligible expenditures for child care spaces (line 715 **plus** line 705)		A6
Total of all assistance (including grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to in amount A6	725	
Excess (amount A6 **minus** line 725) (if negative, enter "0")		B6
Repayments by the corporation of government and non-government assistance	735	
Total eligible expenditures for child care spaces (amount B6 **plus** line 735)	745	

* If you entered into a written agreement before March 22, 2017, eligible expenditures incurred before 2020 will remain eligible for the credit.

Part 25 – Current-year credit – ITC from child care spaces expenditures

The credit is equal to 25% of eligible child care spaces expenditures incurred to a maximum of $10,000 per child care space created in a licensed child care facility.

Eligible expenditures (from line 745 in Part 24)			x 25 % =		C6
Number of child care spaces	755		x $ 10,000 =		D6
ITC from child care spaces expenditures (amount C6 or D6, whichever is less)					E6

Part 26 – Current-year credit and account balances – ITC from child care spaces expenditures

ITC at the end of the previous tax year				F6
Credit deemed as a remittance of co-op corporations	765			
Credit expired after 20 tax years	770			
Subtotal (line 765 **plus** line 770)			▶	G6
ITC at the beginning of the tax year (amount F6 **minus** amount G6)			775	
Credit transferred on an amalgamation or the wind-up of a subsidiary	777			
Total current-year credit (amount E6 in Part 25)	780			
Credit allocated from a partnership	782			
Subtotal (total of lines 777 to 782)			▶	H6
Total credit available (line 775 **plus** amount H6)				I6
Credit deducted from Part I tax	785			
Credit carried back to previous years (amount K6 in Part 27)			s	
Subtotal (line 785 **plus** amount s)			▶	J6
ITC closing balance from child care spaces expenditures (amount I6 **minus** amount J6)			790	

Part 27 – Request for carryback of credit from child care space expenditures

	Year Month Day			
1st previous tax year	2016-12-31	Credit to be applied	941	
2nd previous tax year	2015-12-31	Credit to be applied	942	
3rd previous tax year	2014-12-31	Credit to be applied	943	
		Total of lines 941 to 943 Enter at amount s in Part 26.		K6

Recapture – Child Care Spaces

Part 28 – Recapture of ITC for corporations and partnerships – Child care spaces

The ITC will be recovered against the taxpayer's tax otherwise payable under Part I of the Act if, at any time within 60 months of the day on which the taxpayer acquired the property:

- the new child care space is no longer available; or
- property that was an eligible expenditure for the child care space is:
  - disposed of or leased to a lessee; or
  - converted to another use.

If the property disposed of is a child care space, the amount that can reasonably be considered to have been included in the original ITC (paragraph 127(27.12)(a))	792		
In the case of eligible expenditures (paragraph 127(27.12)(b)), the lesser of:			
The amount that can reasonably be considered to have been included in the original ITC	795		
25% of either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value (in any other case) of the property	797		
Amount from line 795 or line 797, whichever is less			A7

Partnerships

As a member of the partnership, you will report your share of the child care spaces ITC of the partnership after the child care spaces ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 782 in Part 26. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 799 below.

Corporate partner's share of the excess of ITC	799		
Total recapture of child care spaces investment tax credit (total of line 792, amount A7, and line 799) Enter at amount B8 in Part 29.			B7

Summary of Investment Tax Credits

Part 29 – Total recapture of investment tax credit

Recaptured SR&ED ITC (amount F3 in Part 17)		A8
Recaptured child care spaces ITC (amount B7 in Part 28)		B8
Total recapture of investment tax credit (amount A8 **plus** amount B8) Enter on line 602 of the T2 return.		C8

Part 30 – Total ITC deducted from Part I tax

ITC from investments in qualified property deducted from Part I tax (line 260 in Part 5)		D8
ITC from SR&ED expenditures deducted from Part I tax (line 560 in Part 12)	727,838	E8
ITC from pre-production mining expenditures deducted from Part I tax (line 885 in Part 19)		F8
ITC from apprenticeship job creation expenditures deducted from Part I tax (line 660 in Part 22)	34,000	G8
ITC from child care space expenditures deducted from Part I tax (line 785 in Part 26)		H8
Total ITC deducted from Part I tax (total of amounts D8 to H8) Enter on line 652 of the T2 return.	761,838	I8

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Summary of Investment Tax Credit Carryovers

Continuity of investment tax credit carryovers

CCA class number 97 Apprenticeship job creation ITC

Current year

Addition current year (A)	Applied current year (B)	Claimed as a refund (C)	Carried back (D)	ITC end of year (A-B-C-D)
34,000	34,000			

Prior years

Taxation year	ITC beginning of year (E)	Adjustments (F)	Applied current year (G)	ITC end of year (E-F-G)
2016-12-31				
2015-12-31				
2014-12-31				
2013-12-31				
2012-12-31				
2011-12-31				
2010-12-31				
2009-12-31				
2008-12-31				
2007-12-31				*
2006-12-31				
2005-12-31				
2004-12-31				
2003-12-31				
2002-12-31				
2001-12-31				
2001-09-30				
2000-09-30				
1999-09-30				
1998-09-30				*
Total				

B+C+D+G **Total ITC utilized** 34,000

* The **ITC end of year** includes the amount of ITC expired from the 10th preceding year if it is before January 1, 1998, or the amount of ITC expired from the 20th preceding year if it is after December 31, 1997. Note that this credit expires at the end of the tax year and any expired credit will be posted to line 215, 515, 615, 770 or 845, as applicable, in Schedule 31 the following year.

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Summary of Investment Tax Credit Carryovers

Continuity of investment tax credit carryovers

CCA class number 99 Cur. or cap. R&D for ITC

Current year

Addition current year (A)	Applied current year (B)	Claimed as a refund (C)	Carried back (D)	ITC end of year (A-B-C-D)
727,838	727,838			

Prior years

Taxation year	ITC beginning of year (E)	Adjustments (F)	Applied current year (G)	ITC end of year (E-F-G)
2016-12-31				
2015-12-31				
2014-12-31				
2013-12-31				
2012-12-31				
2011-12-31				
2010-12-31				
2009-12-31				
2008-12-31				
2007-12-31				*
2006-12-31				
2005-12-31				
2004-12-31				
2003-12-31				
2002-12-31				
2001-12-31				
2001-09-30				
2000-09-30				
1999-09-30				
1998-09-30				*
Total				

B+C+D+G **Total ITC utilized** 727,838

* The **ITC end of year** includes the amount of ITC expired from the 10th preceding year if it is before January 1, 1998, or the amount of ITC expired from the 20th preceding year if it is after December 31, 1997. Note that this credit expires at the end of the tax year and any expired credit will be posted to line 215, 515, 615, 770 or 845, as applicable, in Schedule 31 the following year.

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Schedule 33

Taxable Capital Employed in Canada – Large Corporations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule in determining if the total taxable capital employed in Canada of the corporation (other than a financial institution or an insurance corporation) and its related corporations is greater than $10,000,000.
- If the total taxable capital employed in Canada of the corporation and its related corporations is greater than $10,000,000, file a completed Schedule 33 with your T2 *Corporation Income Tax Return* no later than six months from the end of the tax year.
- Unless otherwise noted, all legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 181(1) defines the terms **financial institution**, **long-term debt**, and **reserves**.
- Subsection 181(3) provides the basis to determine the carrying value of a corporation's assets or any other amount under Part I.3 for its capital, investment allowance, taxable capital, or taxable capital employed in Canada, or for a partnership in which it has an interest.
- If the corporation was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada, go to Part 4, **Taxable capital employed in Canada**.

Part 1 – Capital

Add the following year-end amounts:

Reserves that have not been deducted in calculating income for the year under Part I	101	874,903	
Capital stock (or members' contributions if incorporated without share capital)	103	167,081,000	
Retained earnings	104	168,578,000	
Contributed surplus	105		
Any other surpluses	106		
Deferred unrealized foreign exchange gains	107		
All loans and advances to the corporation	108	595,588,909	
All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations	109		
Any dividends declared but not paid by the corporation before the end of the year	110		
All other indebtedness of the corporation (other than any indebtedness for a lease) that has been outstanding for more than 365 days before the end of the year	111		
The total of all amounts, each of which is the amount, if any, in respect of a partnership in which the corporation held a membership interest at the end of the year, either directly or indirectly through another partnership (see note below)	112		
Subtotal (**add** lines 101 to 112)		932,122,812 ▶	932,122,812 A

Note:

Line 112 is determined by the formula (A – B) x C/D (as per paragraph 181.2(3)(g)) where:

A is the total of all amounts that would be determined for lines 101, 107, 108, 109, and 111 in respect of the partnership for its last fiscal period that ends at or before the end of the year if

a) those lines applied to partnerships in the same manner that they apply to corporations, and

b) those amounts were computed without reference to amounts owing by the partnership

(i) to any corporation that held a membership interest in the partnership either directly or indirectly through another partnership, or

(ii) to any partnership in which a corporation described in subparagraph (i) held a membership interest either directly or indirectly through another partnership.

B is the partnership's deferred unrealized foreign exchange losses at the end of the period,

C is the share of the partnership's income or loss for the period to which the corporation is entitled either directly or indirectly through another partnership, and

D is the partnership's income or loss for the period.

Part 1 – Capital (continued)

Subtotal A (from page 1)			932,122,812 A
Deduct the following amounts:			
Deferred tax debit balance at the end of the year	121		
Any deficit deducted in calculating its shareholders' equity (including, for this purpose, the amount of any provision for the redemption of preferred shares) at the end of the year	122		
To the extent that the amount may reasonably be regarded as being included in any of lines 101 to 112 above for the year, any amount deducted under subsection 135(1) in calculating income under Part I for the year.	123		
Deferred unrealized foreign exchange losses at the end of the year	124		
Subtotal (**add** lines 121 to 124)		►	B
Capital for the year (amount A **minus** amount B) (if negative, enter "0")	190		932,122,812

Part 2 – Investment allowance

Add the carrying value at the end of the year of the following assets of the corporation:

A share of another corporation	401	
A loan or advance to another corporation (other than a financial institution)	402	3,172,000
A bond, debenture, note, mortgage, hypothecary claim, or similar obligation of another corporation (other than a financial institution)	403	
Long-term debt of a financial institution	404	
A dividend payable on a share of the capital stock of another corporation	405	
A loan or advance to, or a bond, debenture, note, mortgage, hypothecary claim or similar obligation of, a partnership each member of which was, throughout the year, another corporation (other than a financial institution) that was not exempt from tax under this Part (otherwise than because of paragraph 181.1(3)(d)), or another partnership described in paragraph 181.2(4)(d.1)	406	
An interest in a partnership (see note 2 below)	407	
Investment allowance for the year (add lines 401 to 407)	490	3,172,000

Notes:

1. Lines 401 to 405 should not include the carrying value of a share of the capital stock of, a dividend payable by, or indebtedness of a corporation that is exempt from tax under Part I.3 (other than a non-resident corporation that at no time in the year carried on business in Canada through a permanent establishment).
2. Where the corporation has an interest in a partnership held either directly or indirectly through another partnership, refer to subsection 181.2(5) for additional rules regarding the carrying value of an interest in a partnership.
3. Where a trust is used as a conduit for loaning money from a corporation to another related corporation (other than a financial institution), the loan will be considered to have been made directly from the lending corporation to the borrowing corporation. Refer to subsection 181.2(6) for special rules that may apply.

Part 3 – Taxable capital

Capital for the year (line 190)		932,122,812 C
Deduct: Investment allowance for the year (line 490)		3,172,000 D
Taxable capital for the year (amount C **minus** amount D) (if negative, enter "0")	500	928,950,812

Part 4 – Taxable capital employed in Canada

To be completed by a corporation that was resident in Canada at any time in the year

Taxable capital for the year (line 500) 928,950,812 x Taxable income earned in Canada **610** 14,013,639 / Taxable income 14,013,639 = **Taxable capital employed in Canada** **690** 928,950,812

Notes:
1. Regulation 8601 gives details on calculating the amount of taxable income earned in Canada.
2. Where a corporation's taxable income for a tax year is "0," it shall, for the purposes of the above calculation, be deemed to have a taxable income for that year of $1,000.
3. In the case of an airline corporation, Regulation 8601 should be considered when completing the above calculation.

To be completed by a corporation that was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada

Total of all amounts each of which is the carrying value at the end of the year of an asset of the corporation used in the year or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **701** ______

Deduct the following amounts:

Corporation's indebtedness at the end of the year [other than indebtedness described in any of paragraphs 181.2(3)(c) to (f)] that may reasonably be regarded as relating to a business it carried on during the year through a permanent establishment in Canada . . . . **711** ______

Total of all amounts each of which is the carrying value at the end of year of an asset described in subsection 181.2(4) of the corporation that it used in the year, or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . **712** ______

Total of all amounts each of which is the carrying value at the end of year of an asset of the corporation that is a ship or aircraft the corporation operated in international traffic, or personal or movable property used or held by the corporation in carrying on any business during the year through a permanent establishment in Canada (see note below) . . . . **713** ______

Total deductions (**add** lines 711, 712, and 713) ______ ► ______ E

Taxable capital employed in Canada (line 701 **minus** amount E) (if negative, enter "0") . . . . **790** ______

Note: Complete line 713 only if the country in which the corporation is resident did not impose a capital tax for the year on similar assets, or a tax for the year on the income from the operation of a ship or aircraft in international traffic, of any corporation resident in Canada during the year.

Part 5 – Calculation for purposes of the small business deduction

This part is applicable to corporations that are not associated in the current year, but were associated in the prior year.

Taxable capital employed in Canada (amount from line 690) . . . . ______ F

Deduct: . . . . 10,000,000 G

Excess (amount F **minus** amount G) (if negative, enter "0") ______ H

Calculation for purposes of the small business deduction (amount H x 0.225%) . . . . ______ I

Enter this amount at line 415 of the T2 return.

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Hydro Ottawa Limited/Hydro Ottawa Limitee
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Attached Schedule with Total

Part 1 – All loans and advances to the corporation

Title Part 1 – All loans and advances to the corporation

Description	Operator (Note)	Amount	
Notes Payable		567,185,000	00
Tender Deposits	+	1,187,634	00
Key Deposits	+	41,445	00
Retailer Prudentials	+		
Customer credit balances	+	11,202,568	00
Customer deposits	+	15,972,262	00
	Total	595,588,909	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

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Hydro Ottawa Limited/Hydro Ottawa Limitee
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Attached Schedule with Total

Part 1 – Reserves that have not been deducted in calculating income for the year under Part I

Title Part 1 – Reserves that have not been deducted in computing income for th

Description	Operator (Note)	Amount	
Non deductible reserve per Schedule 13S		812,870	00
Assets Retirement Obligations	+	62,033	00
	+		
	Total	874,903	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

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SCHEDULE 50

SHAREHOLDER INFORMATION

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

All private corporations must complete this schedule for any shareholder who holds 10% or more of the corporation's common and/or preferred shares.

	Name of shareholder (after name, indicate in brackets if the shareholder is a corporation, partnership, individual, or trust) 100	Provide only one number per shareholder: Business Number (If a corporation is not registered, enter "NR") 200	Social insurance number 300	Trust number 350	Percentage common shares 400	Percentage preferred shares 500
1	Hydro Ottawa Holding Inc. (Corporation)	89411 0816 RC0001			100.000	
2						
3						
4						
5						
6						
7						
8						
9						
10						

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Schedule 53

General Rate Income Pool (GRIP) Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

On: 2017-12-31

- If you are a Canadian-controlled private corporation (CCPC) or a deposit insurance corporation (DIC), use this schedule to determine the general rate income pool (GRIP).
- Credit unions are **not** required to complete this schedule.
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- When an eligible dividend was paid in the tax year or there was a change in the GRIP balance, file a completed copy of this schedule with your T2 *Corporation Income Tax Return*. Do not send your worksheets with your return, but keep them in your records in case we ask to see them later.
- Subsection 89(1) defines the terms **eligible dividend**, **excessive eligible dividend designation**, **general rate income pool**, and **low rate income pool**.

Eligibility for the various additions

Answer the following questions to determine the corporation's eligibility for the various additions:

2006 addition

1. Is this the corporation's first taxation year that includes January 1, 2006? ☐ Yes ☒ No
2. If not, what is the date of the taxation year end of the corporation's first year that includes January 1, 2006? Enter the date and go directly to question 4 — 2006-12-31
3. During that first year, was the corporation a CCPC or would it have been a CCPC if not for the election of subsection 89(11) ITA? ☒ Yes ☐ No
   If the answer to question 3 is yes, complete Part "GRIP addition for 2006".

Change in the type of corporation

4. Was the corporation a CCPC during its preceding taxation year? ☒ Yes ☐ No
5. Corporations that become a CCPC or a DIC ☐ Yes ☒ No
   If the answer to question 5 is yes, complete Part 4.

Amalgamation (first year of filing after amalgamation)

6. Corporations that were formed as a result of an amalgamation ☐ Yes ☒ No
   If the answer to question 6 is yes, answer questions 7 and 8. If the answer is no, go to question 9.
7. Was one or more of the predecessor corporations neither a CCPC nor a DIC? ☐ Yes ☐ No
   If the answer to question 7 is yes, complete Part 4.
8. Was one or more of the predecessor corporation a CCPC or a DIC during the taxation year that ended immediately before amalgamation? ☐ Yes ☐ No
   If the answer to question 8 is yes, complete Part 3.

Winding-up

9. Has the corporation wound-up a subsidiary in the preceding taxation year? ☐ Yes ☒ No
   If the answer to question 9 is yes, answer questions 10 and 11. If the answer is no, go to Part 1.
10. Was the subsidiary neither a CCPC nor a DIC during its last taxation year? ☐ Yes ☐ No
    If the answer to question 10 is yes, complete Part 4.
11. Was the subsidiary a CCPC or a DIC during its last taxation year? ☐ Yes ☐ No
    If the answer to question 11 is yes, complete Part 3.

Part 1 – General rate income pool (GRIP)

GRIP at the end of the previous tax year				100	205,968,541	A
Taxable income for the year (DICs enter "0") *	110	14,013,639	B			
Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less *	130					
For a CCPC, the lesser of aggregate investment income (line 440 of the T2 return) and taxable income *	140					
Subtotal (line 130 **plus** line 140) ►			C			
Income taxable at the general corporate rate (amount B **minus** amount C) (if negative enter "0")	150	14,013,639				
After-tax income (line 150 **multiplied** by 0.72 (the general rate factor for the tax year))				190	10,089,820	D
Eligible dividends received in the tax year	200					
Dividends deductible under section 113 received in the tax year	210					
Subtotal (line 200 **plus** line 210) ►						E
Becoming a CCPC (amount W5 in Part 4)	220					
Post-amalgamation (total of amounts E4 in Part 3 and amounts W5 in Part 4)	230					
Post-wind-up (total of amounts E4 in Part 3 and amounts W5 in Part 4)	240					
Subtotal (**add** lines 220, 230, and 240) ►	290					F
Subtotal (**add** amounts A, D, E, and F)					216,058,361	G
Eligible dividends paid in the previous tax year	300					
Excessive eligible dividend designations made in the previous tax year	310					
(If becoming a CCPC (subsection 89(4) applies), enter "0" on lines 300 and 310.)						
Subtotal (line 300 **minus** line 310) ►						H
GRIP before adjustment for specified future tax consequences (amount G **minus** amount H) (amount can be negative)				490	216,058,361	
Total GRIP adjustment for specified future tax consequences to previous tax years (amount N3 in Part 2)				560		
GRIP at the end of the tax year (line 490 **minus** line 560) Enter this amount on line 160 of Schedule 55.				590	216,058,361	

* For lines 110, 130, and 140, the income amount is the amount before considering specified future tax consequences. This phrase is defined in subsection 248(1). It includes the deduction of a loss carryback from subsequent tax years, a reduction of Canadian exploration expenses and Canadian development expenses that were renounced in subsequent tax years (e.g., flow-through share renunciations), reversals of income inclusions where an option is exercised in subsequent tax years, and the effect of certain foreign tax credit adjustments.

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years

Complete this part if the corporation's taxable income of any of the previous three tax years took into account the specified future tax consequences defined in subsection 248(1) from the current tax year. Otherwise, enter "0" on line 560.

First previous tax year 2016-12-31

Taxable income before specified future tax consequences from the current tax year 17,477,603 A1

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ________ B1

Aggregate investment income (line 440 of the T2 return) . . . . ________ C1

Subtotal (amount B1 **plus** amount C1) ________ ▶ ________ D1

Subtotal (amount A1 **minus** amount D1) (if negative, enter "0") 17,477,603 ▶ 17,477,603 E1

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . ________ F1

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ________ G1

Aggregate investment income (line 440 of the T2 return) . . . . ________ H1

Subtotal (amount G1 **plus** amount H1) ________ ▶ ________ I1

Subtotal (amount F1 **minus** amount I1) (if negative, enter "0") ________ ▶ ________ J1

Subtotal (amount E1 **minus** amount J1) (if negative, enter "0") ________ K1

GRIP adjustment for specified future tax consequences to the first previous tax year
(amount K1 **multiplied** by 0.72) . . . . 500 ________

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Second previous tax year 2015-12-31

Taxable income before specified future tax consequences from the current tax year 1,715,538 A2

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ________ B2

Aggregate investment income (line 440 of the T2 return) . . . . ________ C2

Subtotal (amount B2 **plus** amount C2) ________ ▶ ________ D2

Subtotal (amount A2 **minus** amount D2) (if negative, enter "0") 1,715,538 ▶ 1,715,538 E2

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . ________ F2

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ________ G2

Aggregate investment income (line 440 of the T2 return) . . . . ________ H2

Subtotal (amount G2 **plus** amount H2) ________ ▶ ________ I2

Subtotal (amount F2 **minus** amount I2) (if negative, enter "0") ________ ▶ ________ J2

Subtotal (amount E2 **minus** amount J2) (if negative, enter "0") ________ K2

GRIP adjustment for specified future tax consequences to the second previous tax year
(amount K2 **multiplied** by 0.72) . . . . **520** ________

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Third previous tax year 2014-12-31

Taxable income before specified future tax consequences from the current tax year 1,027,371 A3

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ________ B3

Aggregate investment income (line 440 of the T2 return) . . . . ________ C3

Subtotal (amount B3 **plus** amount C3) ________ ▶ ________ D3

Subtotal (amount A3 **minus** amount D3) (if negative, enter "0") 1,027,371 ▶ 1,027,371 E3

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	**Capital loss carry-back**	**Restricted farm loss carry-back**	**Farm loss carry-back**	**Other**	**Total carrybacks**

Taxable income after specified future tax consequences . . . . ________ F3

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ________ G3

Aggregate investment income (line 440 of the T2 return) . . . . ________ H3

Subtotal (amount G3 **plus** amount H3) ________ ▶ ________ I3

Subtotal (amount F3 **minus** amount I3) (if negative, enter "0") ________ ▶ ________ J3

Subtotal (amount E3 **minus** amount J3) (if negative, enter "0") ________ K3

GRIP adjustment for specified future tax consequences to the third previous tax year
(amount K3 **multiplied by** 0.72) . . . . **540** ________

Total GRIP adjustment for specified future tax consequences to previous tax years:
(**add** lines 500, 520, and 540) (if negative, enter "0") . . . . ________ L3

Enter amount L3 on line 560 in part 1.

Part 3 – Worksheet to calculate the GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year)

nb. 1 Post amalgamation . . . ☐ Post wind-up . . . . . . ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary corporation was a CCPC or a DIC in its last tax year. The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

Calculate the GRIP addition of a successor corporation following an amalgamation at the end of its first tax year.

Calculate the GRIP addition of a parent corporation upon wind-up at the end of the tax year that ends immediately after the tax year in which the parent has received the assets of the subsidiary.

In the calculation below, **corporation** means a predecessor or a subsidiary. Complete a separate worksheet for **each** predecessor and **each** subsidiary that was a CCPC or a DIC in its last tax year. Keep a copy of this calculation for your records, in case we ask to see it later.

Corporation's GRIP at the end of its last tax year				A4
Eligible dividends paid by the corporation in its last tax year		B4		
Excessive eligible dividend designations made by the corporation in its last tax year		C4		
Subtotal (amount B4 **minus** amount C4)		▶		D4
GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year) (amount A4 **minus** amount D4)				E4

After you complete this calculation for each predecessor and each subsidiary, calculate the total of all the E4 amounts. Enter this total amount on:

- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

Part 4 – Worksheet to calculate the GRIP addition post-amalgamation, post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC

nb. 1 Corporation becoming a CCPC ☐ Post amalgamation ☐ Post wind-up ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary was not a CCPC or a DIC in its last tax year.The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

Calculate the GRIP addition of a successor corporation following an amalgamation at the end of its first tax year.

Calculate the GRIP addition of a parent corporation upon wind-up at the end of the tax year that ends immediately after the tax year in which the parent has received the assets of the subsidiary.

In the calculation below, **corporation** means a predecessor or a subsidiary. Complete a separate worksheet for **each** predecessor and **each** subsidiary that was a CCPC or a DIC in its last year. Keep a copy of this calculation for your records, in case we ask to see it later.

Cost amount to the corporation of all property immediately before the end of its previous/last tax year ____ A5

The corporation's money on hand immediately before the end of its previous/last tax year ____ B5

Total of subsection 111(1) losses that would have been deductible in calculating the corporation's taxable income for the previous/last tax year if the corporation had had unlimited income from each business carried on and each property held and had realized an unlimited amount of capital gains for the previous/last tax year:

Non-capital losses ____ C5
Net capital losses ____ D5
Farm losses ____ E5
Restricted farm losses ____ F5
Limited partnership losses ____ G5

Subtotal (**add** amounts C5 to G5) ____ ▶ ____ H5

Total of all amounts deducted under subsection 111(1) in calculating the corporation's taxable income for the previous/last tax year:

Non-capital losses ____ I5
Net capital losses ____ J5
Farm losses ____ K5
Restricted farm losses ____ L5
Limited partnership losses ____ M5

Subtotal (**add** amounts I5 to M5) ____ ▶ ____ N5

Unused and unexpired losses at the end of the corporation's previous/last tax year (amount H5 **minus** amount N5) ____ ▶ ____ O5

Subtotal (**add** amounts A5, B5, and O5) ____ P5

All the corporation's debts and other obligations to pay that were outstanding immediately before the end of its previous/last tax year ____ Q5

Paid-up capital of all the corporation's issued and outstanding shares of capital stock immediately before the end of its previous/last tax year ____ R5

All the corporation's reserves deducted in its previous/last tax year ____ S5

The corporation's capital dividend account immediately before the end of its previous/last tax year ____ T5

The corporation's low rate income pool immediately before the end of its previous/last tax year ____ U5

Subtotal (**add** amounts Q5 to U5) ____ ▶ ____ V5

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC (amount P5 **minus** amount V5) (if negative, enter "0") ____ W5

After you complete this worksheet for each predecessor and each subsidiary, calculate the total of all the W5 amounts. Enter this total amount on:

- line 220 for a corporation becoming a CCPC;
- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
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Schedule 55

Part III.1 Tax on Excessive Eligible Dividend Designations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

Do not use this area

- Every corporation resident in Canada that pays a taxable dividend (other than a capital gains dividend within the meaning assigned by subsection 130.1(4) or 131(1)) in the tax year must file this schedule.
- Canadian-controlled private corporations (CCPC) and deposit insurance corporations (DIC) must complete Part 1 of this schedule. All other corporations must complete Part 2.
- Every corporation that has paid an eligible dividend must also file Schedule 53, *General Rate Income Pool (GRIP) Calculation*, or Schedule 54, *Low Rate Income Pool (LRIP) Calculation*, whichever is applicable.
- File the completed schedules with your *T2 Corporation Income Tax Return* no later than six months from the end of the tax year.
- All legislative references are to the *Income Tax Act* and the *Income Tax Regulations*.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool (GRIP), and low rate income pool (LRIP).
- The calculations in Part 1 and Part 2 do not apply if the excessive eligible dividend designation arises from the application of paragraph (c) of the definition of excessive eligible dividend designation in subsection 89(1). This paragraph applies when an eligible dividend is paid to artificially maintain or increase the GRIP or to artificially maintain or decrease the LRIP.

Part 1 – Canadian-controlled private corporations and deposit insurance corporations

	Line	Amount	Line	Amount	
Taxable dividends paid in the tax year **not included** in Schedule 3					
Taxable dividends paid in the tax year **included** in Schedule 3		20,600,000			
Total taxable dividends paid in the tax year	100	20,600,000			
Total eligible dividends paid in the tax year			150		A
GRIP at the end of the tax year (line 590 on Schedule 53) (if negative, enter "0")			160	216,058,361	B
Excessive eligible dividend designation (line 150 **minus** line 160)					C
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			180		D
Subtotal (amount C **minus** amount D)					E
Part III.1 tax on excessive eligible dividend designations – CCPC or DIC (amount E **multiplied** by 20 %)			190		F

Enter the amount from line 190 on line 710 of the T2 return.

Part 2 – Other corporations

	Line	Amount	Line	Amount	
Taxable dividends paid in the tax year **not included** in Schedule 3					
Taxable dividends paid in the tax year **included** in Schedule 3					
Total taxable dividends paid in the tax year	200				
Total excessive eligible dividend designations in the tax year (amount from line A of Schedule 54)					G
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			280		H
Subtotal (amount G **minus** amount H)					I
Part III.1 tax on excessive eligible dividend designations – Other corporations (amount I **multiplied** by 20 %)			290		J

Enter the amount from line 290 on line 710 of the T2 return.

* You can elect to treat all or part of your excessive eligible dividend designation as a separate taxable dividend in order to eliminate or reduce the Part III.1 tax otherwise payable. You must file the election on or before the day that is 90 days **after** the day the notice of assessment for Part III.1 tax was sent. We will accept an election before the assessment of the tax. For more information on how to make this election, go to **www.cra.gc.ca/eligibledividends**.

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Schedule 500

Ontario Corporation Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule if the corporation had a permanent establishment, under section 400 of the federal Income Tax Regulations, in Ontario at any time in the tax year and had Ontario taxable income in the year.
- Legislative references are to the federal Income Tax Act and Income Tax Regulations.
- This schedule is a worksheet only and is not required to be filed with your T2 Corporation Income Tax Return.

Part 1 – Ontario basic income tax

Ontario taxable income *	14,013,639	A
Ontario basic rate of tax for the year	**11.5** %	B
Ontario basic income tax (amount A **multiplied** by amount B **)	1,611,568	C

* If the corporation has a permanent establishment only in Ontario, enter the amount from line 360 or amount Z, whichever applies, of the T2 return. Otherwise, enter the taxable income allocated to Ontario from column F in Part 1 of Schedule 5.

** If the corporation has a permanent establishment in more than one jurisdiction, or is claiming an Ontario tax credit in addition to Ontario basic income tax, or has Ontario corporate minimum tax or Ontario special additional tax on life insurance corporations payable, enter amount C on line 270 of Schedule 5, Tax Calculation Supplementary – Corporations. Otherwise, enter it on line 760 of the T2 return.

Part 2 – Ontario small business deduction (OSBD)

Complete this part if the corporation claimed the federal small business deduction under subsection 125(1).

Amount from line 400 of the T2 return	14,086,494	1		
Amount from line 405 of the T2 return	14,013,639	2		
Amount from line 427 of the T2 return (note)		3		
Enter the least of amounts 1, 2 or 3		►		D

Ontario domestic factor (ODF): Taxable income for Ontario * / Taxable income for all provinces ** = 14,013,639.00 / 14,013,639 = 1.00000 E

Amount D **multiplied** by amount E		4		
Ontario taxable income (amount A from Part 1)	14,013,639	5		
Ontario small business income (lesser of amount 4 or amount 5)		►		F

Ontario small business deduction rate for the year

Number of days in the tax year before January 1, 2018 / Number of days in the tax year: 365 / 365 x 7 % = 7.00000 % G1

Number of days in the tax year after December 31, 2017 / Number of days in the tax year: ___ / 365 x 8 % = % G2

OSBD rate for the year (rate G1 **plus** rate G2) 7.00000 % ► 7.00000 % G

Ontario small business deduction (amount F **multiplied** by rate G) ______ H

Enter amount H on line 402 of Schedule 5.

* Enter amount A from Part 1.

** Includes the territories and the offshore jurisdictions for Nova Scotia and Newfoundland and Labrador.

Note: On November 15, 2018, the Government of Ontario announced, in Bill 57, that the reduction in the business limit relating to the amount of passive investment income for taxation years starting after December 31, 2018, will not be applied when calculating the Ontario small business deduction. As a result, the calculation on line 3 does not take the amount on line G of Schedule 200 (Jump Code: J) into account.

Part 3 – Ontario adjusted small business income

Complete this part if the corporation was a Canadian-controlled private corporation throughout the tax year and is claiming the Ontario tax credit for manufacturing and processing or the Ontario credit union tax reduction.

Ontario adjusted small business income (lesser of amount D and amount 5) . . . . ________ I

Enter amount I at amount K in Part 4 of this schedule or at amount B in Part 2 of Schedule 502, Ontario Tax Credit for Manufacturing and Processing, whichever applies.

Part 4 – Credit union tax reduction

Complete this part and Schedule 17, Credit Union Deductions, if the corporation was a credit union throughout the tax year.

Amount 2H from Schedule 17	J		
Ontario adjusted small business income (amount I)	K		
Subtotal (amount J **minus** amount K, if negative, enter "0")	L		
Amount L **multiplied** by amount G			M
Ontario domestic factor (amount E)		1.00000	N
Ontario credit union tax reduction (amount M **multiplied** by amount N)			O

Enter amount O on line 410 of Schedule 5.

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Schedule 508

Ontario Research and Development Tax Credit

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule to:
  - calculate an Ontario research and development tax credit (ORDTC);
  - claim an ORDTC earned in the tax year or carried forward from any of the 20 previous tax years that are a tax year ending after December 31, 2008, to reduce Ontario corporate income tax payable in the current tax year;
  - carry back an ORDTC earned in the tax year to reduce Ontario corporate income tax payable in any of the three previous tax years;
  - add an ORDTC that was allocated to the corporation by a partnership of which it was a member;
  - add an ORDTC transferred after an amalgamation or windup; or
  - calculate a recapture of the ORDTC.
- The ORDTC is a non-refundable tax credit on eligible expenditures incurred by a corporation in a tax year. The ORDTC rate is:
  - 4.5% for tax years that end before June 1, 2016;
  - 3.5% for tax years that start after May 31, 2016; and
  - prorated for a tax year that ends on or after June 1, 2016, and includes May 31, 2016.
- An eligible expenditure is an expenditure for a permanent establishment in Ontario of a corporation, that is a qualified expenditure for the purposes of section 127 of the federal *Income Tax Act* for scientific research and experimental development (SR&ED) carried on in Ontario.
- Only corporations that are not exempt from Ontario corporate income tax and none of whose income is exempt income can claim the ORDTC.
- Complete and attach this schedule to the *T2 Corporation Income Tax Return* for the tax year.
- To claim this credit, you must also send in completed copies of the Form T661, *Scientific Research and Experimental Development (SR&ED) Expenditures Claim*, and the Schedule 31, *Investment Tax Credit - Corporations*, within 18 months of the tax year end.

Part 1 – Ontario SR&ED expenditure pool

	Line	Amount		Amount	
Total eligible expenditures incurred by the corporation in Ontario in the tax year	100	5,028,245	A		
Government assistance, non-government assistance, or a contract payment for eligible expenditures	105		B		
Net eligible expenditures for the tax year (amount A **minus** amount B) (if negative, enter "0")		5,028,245	C		
Eligible expenditures transferred to the corporation by another corporation	110		D		
Subtotal (amount C **plus** amount D)		5,028,245	▶	5,028,245	E
Eligible expenditures the corporation transferred to another corporation	115				F
Ontario SR&ED expenditure pool (amount E **minus** amount F) (if negative, enter "0")	120			5,028,245	G

Part 2 – Eligible repayments

The repayment of the ORDTC is calculated using the ORDTC rate that you used to determine your tax credit at the time your eligible expenditures were reduced because of the government or non-government assistance, or contract payments. Enter the amount of the repayment on the line that corresponds to the appropriate rate.

Repayments for tax years that end before June 1, 2016 .... 210 ______ x 4.5 % = 215 ______ H

Repayment for a tax year that ends on or after June 1, 2016 and includes May 31, 2016. Complete the proration calculation below.

$$\frac{\text{Number of days in the tax year before June 1, 2016} \quad \mathbf{240}\ 152}{\text{Number of days in the tax year} \quad \mathbf{241}\ 366} \times 4.5\,\% = 1.8689\,\% \quad 1$$

$$\frac{\text{Number of days in the tax year after May 31, 2016} \quad \mathbf{242}\ 214}{\text{Number of days in the tax year} \quad \mathbf{243}\ 366} \times 3.5\,\% = 2.0464\,\% \quad 2$$

Subtotal (percentage 1 **plus** percentage 2) 3.9153 % 3

Repayments for a tax year that ends on or after June 1, 2016 and includes May 31, 2016 ...... 211 ______ x percentage 3 3.9153 % = 216 ______ I

Part 2 – Eligible repayments (continued)

Repayments for tax years that start after May 31, 2016 . . . . **212** _______ x 3.5 % = **217** _______ J

Repayments made in the tax year of government or non-government assistance or contract payments that reduced eligible expenditures for first term or second term shared-use equipment acquired before 2014 . . . . **220** _______ x 1 / 4 = _______ x 4.5 % = **225** _______ K

Eligible repayments (total of amounts H to K) . . . . **229** _______ L

Part 3 – Calculation of the current part of the ORDTC

For tax years that end before June 1, 2016

Ontario SR&ED expenditure pool (amount G in Part 1) . . . . _______ x 4.5 % = **200** _______ M

ORDTC allocated to the corporation by a partnership of which it is a member (other than a specified member) for a fiscal period that ends in the corporation's tax year * . . . . **205** _______ N

Eligible repayments (amount L in Part 2) . . . . _______ O

Current part of the ORDTC for tax years that end before June 1, 2016 (total of amounts M to O) . . . . **230** _______ P

For a tax year that ends on or after June 1, 2016, and includes May 31, 2016

(Number of days in the tax year before June 1, 2016 / Number of days in the tax year) _______ x 4.5 % = _______ % 4

(Number of days in the tax year after May 31, 2016 / Number of days in the tax year) _______ x 3.5 % = _______ % 5

Subtotal (percentage 4 **plus** percentage 5) _______ % 6

Ontario SR&ED expenditure pool (amount G in Part 1) . . _______ x percentage 6 _______ % = **201** _______ Q

ORDTC allocated to the corporation by a partnership of which it is a member (other than a specified member) for a fiscal period that ends in the corporation's tax year * . . . . **206** _______ R

Eligible repayments (amount L in Part 2) . . . . _______ S

Part of the ORDTC for a tax year that ends on or after June 1, 2016, and includes May 31, 2016 (total of amounts Q to S) . . . . **231** _______ T

For tax years that start after May 31, 2016

Ontario SR&ED expenditure pool (amount G in Part 1) . . . . 5,028,245 x 3.5 % = **202** 175,989 U

ORDTC allocated to the corporation by a partnership of which it is a member (other than a specified member) for a fiscal period that ends in the corporation's tax year * . . . . **207** _______ V

Eligible repayments (amount L in Part 2) . . . . _______ W

The ORDTC for tax years that start after May 31, 2016 (total of amounts U to W) . . . . **232** 175,989 X

* If there is a disposal or change of use of eligible property, see Part 7 on page 4.

Part 4 – Calculation of ORDTC available for deduction and ORDTC balance

ORDTC balance at the end of the previous tax year				Y
ORDTC expired after 20 tax years	300			Z
ORDTC at the beginning of the tax year (amount Y **minus** amount Z)	305			AA
ORDTC transferred to the corporation on amalgamation or windup	310			BB
Current part of ORDTC (amount P, T or X in Part 3 whichever applies)		175,989 CC		

Are you waiving all or part of the current part of the ORDTC? . . . . . . **315** Yes 1 ☐ No 2 ☒

If you answered **yes** at line 315, enter the amount of the tax credit waived on line 320.

If you answered **no** at line 315, enter "0" on line 320.

Waiver of the current part of the ORDTC	320	DD		
Subtotal (amount CC **minus** amount DD)		175,989 ▶	175,989 EE	
ORDTC available for deduction (total of amounts AA, BB and EE)			175,989 ▶	175,989 FF
ORDTC claimed ** (Enter amount GG on line 416 on page 5 of Schedule 5, *Tax Calculation Supplementary – Corporations*)			175,989 GG	
ORDTC carried back to previous tax years (from Part 5)			HH	
Subtotal (amount GG **plus** amount HH)			175,989 ▶	175,989 II
ORDTC balance at the end of the tax year (amount FF **minus** amount II)	325			JJ

** This amount cannot be more than the lesser of the following amounts:
– ORDTC available for deduction (amount FF); or
– Ontario corporate income tax payable before the ORDTC and the Ontario corporate minimum tax credit (amount from line E6 on page 5 of Schedule 5).

Part 5 – Request for carryback of tax credit

	Year Month Day			
1st previous tax year	2016-12-31	Credit to be applied	901	
2nd previous tax year	2015-12-31	Credit to be applied	902	
3rd previous tax year	2014-12-31	Credit to be applied	903	

Total (total of amount 901 to 903)(enter at amount HH in Part 4)

Part 6 – Analysis of tax credit available for carryforward by tax year of origin

You can complete this part to show all the credits from previous tax years available for carryforward, by year of origin. This will help you determine the amount of credit that could expire in following years.

Tax year of origin (earliest tax year first) Year / Month / Day	Credit available		Tax year of origin (earliest tax year first) Year / Month / Day	Credit available
1998-09-30			2007-12-31	
1999-09-30			2008-12-31	
2000-09-30			2009-12-31	
2001-09-30			2010-12-31	
2001-12-31			2011-12-31	
2002-12-31			2012-12-31	
2003-12-31			2013-12-31	
2004-12-31			2014-12-31	
2005-12-31			2015-12-31	
2006-12-31			2016-12-31	
		Current tax year	2017-12-31	

Total (equals line 325 in Part 4) ____________

The amount available from the 20th previous tax year will expire after this year. When you file your return for the next year, you will enter the expired amount on line 300 of Schedule 508 for that year.

Part 7 – Calculation of a recapture of ORDTC

You will have a recapture of ORDTC in a tax year when you meet **all** of the following conditions:

- you acquired a particular property in the current year or in any of the 20 previous tax years if the ORDTC was earned in a tax year ending after 2008;
- you claimed the cost of the property as an eligible expenditure for the ORDTC;
- the cost of the property was included in computing your ORDTC or was subject to an agreement made under subsection 127(13) of the federal Act to transfer qualified expenditures and section 42 of the *Taxation Act, 2007* (Ontario) applied; and
- you disposed of the property or converted it to commercial use in a tax year ending after December 31, 2008. You also meet this condition if you disposed of or converted to commercial use a property which incorporates the particular property previously referred to.

Note: The recapture **does not apply** if you disposed of the property to a non-arm's length purchaser who intended to use it all or substantially all for SR&ED in Ontario. When the non-arm's length purchaser later sells or converts the property to commercial use, the recapture rules will apply to the purchaser based on the historical federal investment tax credit (ITC) rate *** of the original user in Calculation 1 below.

You have to report the recapture on Schedule 5 for the year in which you disposed of the property or converted it to commercial use. If the corporation is a member of a partnership, report its share of the recapture.

Complete the columns for each disposition for which a recapture applies, using the calculation formats below.

*** Federal ITC in calculations 1 and 2 should be determined without reference to paragraph (e) of the definition **investment tax credit** in subsection 127(9) of the federal Act.

Calculation 1 – Complete this part If you meet all of the above conditions

	KK Amount of federal ITC you originally calculated for the property you acquired, or the original user's federal ITC where you acquired the property from a non-arm's length party, as described in the note above 700	LL Amount calculated using the federal ITC rate at the date of acquisition (or the original user's date of acquisition) on either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value of the property (in any other case) 710	MM Amount from column 700 or 710, whichever is less
1.			

Total of column MM (enter at amount WW in Part 8) ____________ NN

Part 7 – Calculation of a recapture of ORDTC (continued)

Calculation 2 – If the corporation is deemed by subsection 42(1) of the *Taxation Act, 2007* (Ontario) to have transferred all or part of the eligible expenditure to another corporation as a consequence of an agreement described in subsection 127(13) of the federal Act complete Calculation 2. Otherwise, enter nil on line SS.

	OO Rate percentage that the transferee used to determine its federal ITC for qualified expenditure that was transferred under an agreement under subsection 127(13) of the federal Act 720	PP Proceeds of disposition of the property if you dispose of it to a person at arm's length; or, in any other case, the fair market value of the property at conversion or disposition 730	QQ Amount, if any, already provided for in Calculation 1 (this allows for the situation where only part of the cost of a property is transferred for an agreement under subsection 127(13) of the federal Act) 740
1.			

	RR Amount determined by the formula (OO x PP) - QQ (using the columns above)	SS Federal ITC earned by the transferee for the qualified expenditure that was transferred 750	TT Amount from column RR or SS, whichever is less
1.			

Total of column TT (enter at amount XX in Part 8) ____ UU

Calculation 3

As a member of a partnership, you will report your share of the ORDTC of the partnership after the ORDTC has been reduced by the amount of the recapture. If this is a positive amount, you will report it on line 205, 206, or 207 in Part 3, whichever applies. However, if the partnership does not have enough ORDTC otherwise available to offset the recapture, then the amount by which reductions to the ORDTC exceeds additions (the excess) will be determined and reported on line VV.

Corporate partner's share of the excess of ORDTC (enter at amount ZZ in Part 8) . . . . 760 ____ VV

Part 8 – Total recapture of ORDTC

Recaptured federal ITC for Calculation 1 (amount NN from Part 7) . . . . ____ WW

Recaptured federal ITC for Calculation 2 (amount UU from Part 7) . . . . ____ XX

Amount WW **plus** amount XX . . . . ____ x 23.56 % = ____ YY

Corporate partner's share of the excess of ORDTC for Calculation 3 (amount VV from Part 7) . . . . ____ ZZ

Recapture of ORDTC (amount YY **plus** amount ZZ) (enter amount AAA on line 277 on page 5 of Schedule 5) . . . . ____ AAA

Schedule A - Worksheet for eligible expenditures incurred by the corporation in Ontario for the current taxation year

This worksheet allows you to report the amount of eligible expenditures entered on Form T661, *Scientific Research and Experimental Development (SR&ED) Expenditures Claim* which represents eligible expenditures as defined in section 127 of the *Income Tax Act* (ITA) with regard to scientific research and experimental development (SR&ED) **carried on in Ontario and attributable to a permanent establishment in Ontario of a corporation.**

Data on the worksheet is calculated based on the amounts on Form T661, but will have to be adjusted according to the rules of Ontario, if applicable, in particular when the corporation has had a permanent establishment in more than one jurisdiction. This data will be used when calculating Schedule 508 and Schedule 566.

Enter the breakdown between current and capital expenditures

	Current Expenditures		Capital Expenditures	
Total expenditures for SR&ED	4,718,195			
Add				
• payment of prior years' unpaid expenses (other than salary or wages)	+			
• prescribed proxy amount (Enter "0" if you use the traditional method)	+ 918,249			
• expenditures on shared-use equipment			+	
• other additions	+		+	
Subtotal	= 5,636,444		=	
Less				
• current expenditures (other than salary or wages) not paid within 180 days of the tax year end	–			
• amounts paid in respect of an SR&ED contract to a person or partnership that is not taxable supplier	–			
• 20% of contract expenditures for SR&ED performed on your behalf	– 608,199			
• prescribed expenditures not allowed by regulations	–		–	
• other deductions	–		–	
• non-arm's length transactions				
– expenditures for non-arm's length SR&ED contracts	–			
– purchases (limited to costs) of goods and services from non-arm's length suppliers	–		–	
Subtotal	= 5,028,245	I	=	II
Total eligible expenditures incurred by the corporation in Ontario in the tax year (add amount I and II)			= 5,028,245	III

Enter amount III on line 100 of Schedule 508.

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Schedule 510

Ontario Corporate Minimum Tax

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- File this schedule if the corporation is subject to Ontario corporate minimum tax (CMT). CMT is levied under section 55 of the *Taxation Act, 2007* (Ontario), referred to as the "Ontario Act".
- Complete Part 1 to determine if the corporation is subject to CMT for the tax year.
- A corporation not subject to CMT in the tax year is still required to file this schedule if it is deducting a CMT credit, has a CMT credit carryforward, or has a CMT loss carryforward or a current year CMT loss.
- A corporation that has Ontario special additional tax on life insurance corporations (SAT) payable in the tax year must complete Part 4 of this schedule even if it is not subject to CMT for the tax year.
- A corporation is exempt from CMT if, throughout the tax year, it was one of the following:
  1) a corporation exempt from income tax under section 149 of the federal *Income Tax Act*;
  2) a mortgage investment corporation under subsection 130.1(6) of the federal Act;
  3) a deposit insurance corporation under subsection 137.1(5) of the federal Act;
  4) a congregation or business agency to which section 143 of the federal Act applies;
  5) an investment corporation as referred to in subsection 130(3) of the federal Act; or
  6) a mutual fund corporation under subsection 131(8) of the federal Act.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Determination of CMT applicability

Total assets of the corporation at the end of the tax year *	112	1,245,993,000
Share of total assets from partnership(s) and joint venture(s) *	114	
Total assets of associated corporations (amount from line 450 on Schedule 511)	116	1,460,532,998
Total assets (total of lines 112 to 116)		2,706,525,998
Total revenue of the corporation for the tax year **	142	1,110,462,000
Share of total revenue from partnership(s) and joint venture(s) **	144	
Total revenue of associated corporations (amount from line 550 on Schedule 511)	146	87,785,750
Total revenue (total of lines 142 to 146)		1,198,247,750

The corporation is subject to CMT if:

– for tax years ending before July 1, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are more than $5,000,000, or the total revenue for the year of the corporation or the associated group of corporations is more than $10,000,000.

– for tax years ending after June 30, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are equal to or more than $50,000,000, and the total revenue for the year of the corporation or the associated group of corporations is equal to or more than $100,000,000.

If the corporation is not subject to CMT, do not complete the remaining parts unless the corporation is deducting a CMT credit, or has a CMT credit carryforward, a CMT loss carryforward, a current year CMT loss, or SAT payable in the year.

* **Rules for total assets**

– Report total assets according to generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.

– Do not include unrealized gains and losses on assets and foreign currency gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

– The amount on line 114 is determined at the end of the last fiscal period of the partnership or joint venture that ends in the tax year of the corporation. Add the proportionate share of the assets of the partnership(s) and joint venture(s), and deduct the recorded asset(s) for the investment in partnerships and joint ventures.

– A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

** **Rules for total revenue**

– Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.

– If the tax year is less than 51 weeks, **multiply** the total revenue of the corporation or the partnership, whichever applies, by 365 and **divide** by the number of days in the tax year.

– The amount on line 144 is determined for the partnership or joint venture fiscal period that ends in the tax year of the corporation. If the partnership or joint venture has 2 or more fiscal periods ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.

– A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

2017-12-31

Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

Part 2 – Adjusted net income/loss for CMT purposes

	Line	Amount	Line	Amount	
Net income/loss per financial statements *			210	36,460,000	
Add (to the extent reflected in income/loss):					
Provision for current income taxes/cost of current income taxes	220	3,828,000			
Provision for deferred income taxes (debits)/cost of future income taxes	222				
Equity losses from corporations	224				
Financial statement loss from partnerships and joint ventures	226				
Dividends deducted on financial statements (subsection 57(2) of the Ontario Act), excluding dividends paid by credit unions under subsection 137(4.1) of the federal Act	230				
Other additions (see note below):					
Share of adjusted net income of partnerships and joint ventures **	228				
Total patronage dividends received, not already included in net income/loss	232				
281	282				
283	284				
Subtotal		3,828,000		3,828,000	A
Deduct (to the extent reflected in income/loss):					
Provision for recovery of current income taxes/benefit of current income taxes	320				
Provision for deferred income taxes (credits)/benefit of future income taxes	322				
Equity income from corporations	324				
Financial statement income from partnerships and joint ventures	326				
Dividends deductible under section 112, section 113, or subsection 138(6) of the federal Act	330				
Dividends not taxable under section 83 of the federal Act (from Schedule 3)	332				
Gain on donation of listed security or ecological gift	340				
Accounting gain on transfer of property to a corporation under section 85 or 85.1 of the federal Act ***	342				
Accounting gain on transfer of property to/from a partnership under section 85 or 97 of the federal Act ****	344				
Accounting gain on disposition of property under subsection 13(4), subsection 14(6), or section 44 of the federal Act *****	346				
Accounting gain on a windup under subsection 88(1) of the federal Act or an amalgamation under section 87 of the federal Act	348				
Other deductions (see note below):					
Share of adjusted net loss of partnerships and joint ventures **	328				
Tax payable on dividends under subsection 191.1(1) of the federal Act **multiplied** by 3	334				
Interest deducted/deductible under paragraph 20(1)(c) or (d) of the federal Act, not already included in net income/loss	336				
Patronage dividends paid (from Schedule 16) not already included in net income/loss	338				
381	382				
383	384				
385	386				
387	388				
389	390				
Subtotal					B
Adjusted net income/loss for CMT purposes (line 210 **plus** amount A **minus** amount B)			490	40,288,000	

If the amount on line 490 is positive and the corporation is subject to CMT as determined in Part 1, enter the amount on line 515 in Part 3.

If the amount on line 490 is negative, enter the amount on line 760 in Part 7 (enter as a positive amount).

Note

In accordance with *Ontario Regulation 37/09*, when calculating net income for CMT purposes, accounting income should be adjusted to:

- exclude unrealized gains and losses due to mark-to-market changes or foreign currency changes on specified mark-to-market property (assets only);
- include realized gains and losses on the disposition of specified mark-to-market property not already included in the accounting income, if the property is not a capital property or is a capital property disposed in the year or in a previous tax year ended after March 22, 2007.

"Specified mark-to-market property" is defined in subsection 54(1) of the Ontario Act.

These rules also apply to partnerships. A corporate partner's share of a partnership's adjusted income flows through on a proportionate basis to the corporate partner.

* **Rules for net income/loss**

- Banks must report net income/loss as per the report accepted by the Superintendent of Financial Institutions under the federal *Bank Act*, adjusted so consolidation and equity methods are not used.

Part 2 – Calculation of adjusted net income/loss for CMT purposes (continued)

– Life insurance corporations must report net income/loss as per the report accepted by the federal Superintendent of Financial Institutions or equivalent provincial insurance regulator, before SAT and adjusted so consolidation and equity methods are not used. If the life insurance corporation is resident in Canada and carries on business in and outside of Canada, **multiply** the net income/loss by the ratio of the Canadian reserve liabilities **divided** by the total reserve liability. The reserve liabilities are calculated in accordance with Regulation 2405(3) of the federal Act.

– Other corporations must report net income/loss in accordance with generally accepted accounting principles, except that consolidation and equity methods must not be used. When the equity method has been used for accounting purposes, equity losses and equity income are removed from book income/loss on lines 224 and 324 respectively.

– Corporations, other than insurance corporations, should report net income from line 9999 of the GIFI (Schedule 125) on line 210.

** The share of the adjusted net income of a partnership or joint venture is calculated as if the partnership or joint venture were a corporation and the tax year of the partnership or joint venture were its fiscal period. For a corporation with an indirect interest in a partnership through one or more partnerships, determine the corporation's share according to clause 54(5)(c) of the Ontario Act.

*** A joint election will be considered made under subsection 60(1) of the Ontario Act if there is an entry on line 342, and an election has been made for transfer of property to a corporation under subsection 85(1) of the federal Act.

**** A joint election will be considered made under subsection 60(2) of the Ontario Act if there is an entry on line 344, and an election has been made under subsection 85(2) or 97(2) of the federal Act.

***** A joint election will be considered made under subsection 61(1) of the Ontario Act if there is an entry on line 346, and an election has been made under subsection 13(4) or 14(6) and/or section 44 of the federal Act.

For more information on how to complete this part, see the *T2 Corporation – Income Tax Guide.*

Part 3 – CMT payable

Adjusted net income for CMT purposes (line 490 in Part 2, if positive)		515	40,288,000	
Deduct:				
CMT loss available (amount R from Part 7)				
Minus: Adjustment for an acquisition of control *	518			
Adjusted CMT loss available		▶		C
Net income subject to CMT calculation (if negative, enter "0")		520	40,288,000	

Amount from line 520 40,288,000 x (Number of days in the tax year before July 1, 2010 ___ / Number of days in the tax year 365) x 4 % = ___ 1

Amount from line 520 40,288,000 x (Number of days in the tax year after June 30, 2010 365 / Number of days in the tax year 365) x 2.7 % = 1,087,776 2

Subtotal (amount 1 **plus** amount 2) 1,087,776 3

Gross CMT: amount on line 3 above x OAF **	540	1,087,776	
Deduct:			
Foreign tax credit for CMT purposes ***	550		
CMT after foreign tax credit deduction (line 540 **minus** line 550) (if negative, enter "0")		1,087,776	D
Deduct:			
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,435,579	
Net CMT payable (if negative, enter "0")			E

Enter amount E on line 278 of Schedule 5, *Tax Calculation Supplementary – Corporations*, and complete Part 4.

* Enter the portion of CMT loss available that exceeds the adjusted net income for the tax year from carrying on a business before the acquisition of control. See subsection 58(3) of the Ontario Act.

*** Enter "0" on line 550 for life insurance corporations as they are not eligible for this deduction. For all other corporations, enter the cumulative total of amount J for the province of Ontario from Part 9 of Schedule 21 on line 550.

**** Calculation of the Ontario allocation factor (OAF):**

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "Ontario," enter "1" on line F.

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "multiple," complete the following calculation, and enter the result on line F:

Ontario taxable income **** / Taxable income ***** ___ = ___

Ontario allocation factor 1.00000 F

**** Enter the amount allocated to Ontario from column F in Part 1 of Schedule 5. If the taxable income is nil, calculate the amount in column F as if the taxable income were $1,000.

*****Enter the taxable income amount from line 360 or amount Z of the T2 return, whichever applies. If the taxable income is nil, enter "1,000".

Part 4 – Calculation of CMT credit carryforward

CMT credit carryforward at the end of the previous tax year *		470,086	G		
Deduct:					
CMT credit expired *	600				
CMT credit carryforward at the beginning of the current tax year * (see note below)		470,086	▶ 620	470,086	
Add:					
CMT credit carryforward balances transferred on an amalgamation or the windup of a subsidiary (see note below)			650		
CMT credit available for the tax year (amount on line 620 **plus** amount on line 650)				470,086	H
Deduct:					
CMT credit deducted in the current tax year (amount P from Part 5)				347,803	I
Subtotal (amount H **minus** amount I)				122,283	J
Add:					
Net CMT payable (amount E from Part 3)					
SAT payable (amount O from Part 6 of Schedule 512)					
Subtotal			▶		K
CMT credit carryforward at the end of the tax year (amount J **plus** amount K)			670	122,283	L

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line G or line 600;
- for line 620, enter the amount from line 2336 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line G the amount from line 670 of Schedule 510 from the previous tax year.

Note: If you entered an amount on line 620 or line 650, complete Part 6.

Part 5 – Calculation of CMT credit deducted from Ontario corporate income tax payable

CMT credit available for the tax year (amount H from Part 4)				470,086	M
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,435,579	1		
For a corporation that is not a life insurance corporation:					
CMT after foreign tax credit deduction (amount D from Part 3)	1,087,776	2			
For a life insurance corporation:					
Gross CMT (line 540 from Part 3)		3			
Gross SAT (line 460 from Part 6 of Schedule 512)		4			
The **greater** of amounts 3 and 4		5			
Deduct: line 2 or line 5, whichever applies:		1,087,776	6		
Subtotal (if negative, enter "0")		347,803	▶	347,803	N
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,435,579			
Deduct:					
Total refundable tax credits excluding Ontario qualifying environmental trust tax credit (amount J6 **minus** line 450 from Schedule 5)		183,096			
Subtotal (if negative, enter "0")		1,252,483	▶	1,252,483	O
CMT credit deducted in the current tax year (least of amounts M, N, and O)				347,803	P

Enter amount P on line 418 of Schedule 5 and on line I in Part 4 of this schedule.

Is the corporation claiming a CMT credit earned before an acquisition of control? 675 1 Yes ☐ 2 No ☒

If you answered **yes** to the question at line 675, the CMT credit deducted in the current tax year may be restricted. For information on how the deduction may be restricted, see subsections 53(6) and (7) of the Ontario Act.

Part 6 – Analysis of CMT credit available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	CMT credit balance *
10th previous tax year	680
9th previous tax year	681
8th previous tax year	682
7th previous tax year	683
6th previous tax year	684
5th previous tax year	685
4th previous tax year	686
3rd previous tax year	687
2nd previous tax year	688
1st previous tax year	689
Total **	

* CMT credit that was earned (by the corporation, predecessors of the corporation, and subsidiaries wound up into the corporation) in each of the previous 10 tax years and has not been deducted.

** Must equal the total of the amounts entered on lines 620 and 650 in Part 4.

Part 7 – Calculation of CMT loss carryforward

CMT loss carryforward at the end of the previous tax year * .... Q

Deduct:

CMT loss expired * 700

CMT loss carryforward at the beginning of the tax year * (see note below) .... ► 720

Add:

CMT loss transferred on an amalgamation under section 87 of the federal Act ** (see note below) 750

CMT loss available (line 720 **plus** line 750) .... R

Deduct:

CMT loss deducted against adjusted net income for the tax year (lesser of line 490 (if positive) and line C in Part 3) ....

Subtotal (if negative, enter "0") S

Add:

Adjusted net loss for CMT purposes (amount from line 490 in Part 2, if **negative**) (enter as a positive amount) 760

CMT loss carryforward balance at the end of the tax year (amount S **plus** line 760) .... 770 T

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line Q or line 700;
- for line 720, enter the amount from line 2214 of Ontario CT23 Schedule 101, *Corporate Minimum Tax (CMT)*, for the last tax year that ended in 2008.

For other tax years, enter on line Q the amount from line 770 of Schedule 510 from the previous tax year.

** Do not include an amount from a predecessor corporation if it was controlled at any time before the amalgamation by any of the other predecessor corporations.

Note: If you entered an amount on line 720 or line 750, complete Part 8.

Part 8 – Analysis of CMT loss available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	Balance earned in a tax year ending before March 23, 2007 *	Balance earned in a tax year ending after March 22, 2007 **
10th previous tax year	810	820
9th previous tax year	811	821
8th previous tax year	812	822
7th previous tax year	813	823
6th previous tax year	814	824
5th previous tax year	815	825
4th previous tax year	816	826
3rd previous tax year	817	827
2nd previous tax year	818	828
1st previous tax year	[redacted]	829
Total ***		

* Adjusted net loss for CMT purposes that was earned (by the corporation, by subsidiaries wound up into or amalgamated with the corporation before March 22, 2007, and by other predecessors of the corporation) in each of the previous 10 tax years that ended before March 23, 2007, and has not been deducted.

** Adjusted net loss for CMT purposes that was earned (by the corporation and its predecessors, but not by a subsidiary predecessor) in each of the previous 20 tax years that ended after March 22, 2007, and has not been deducted.

*** The total of these two columns must equal the total of the amounts entered on lines 720 and 750.

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SCHEDULE 511

ONTARIO CORPORATE MINIMUM TAX – TOTAL ASSETS AND REVENUE FOR ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- For use by corporations to report the total assets and total revenue of all the Canadian or foreign corporations with which the filing corporation was associated at any time during the tax year. These amounts are required to determine if the filing corporation is subject to corporate minimum tax.
- Total assets and total revenue include the associated corporation's share of any partnership(s)/joint venture(s) total assets and total revenue.
- Attach additional schedules if more space is required.
- File this schedule with the *T2 Corporation Income Tax Return.*

	Names of associated corporations 200	Business number (Canadian corporation only) (see Note 1) 300	Total assets* (see Note 2) 400	Total revenue** (see Note 2) 500
1	Hydro Ottawa Holding Inc./Societe De Portefeuille D'	89411 0816 RC0001	981,698,000	49,998,000
2	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	283,406,000	30,458,000
3	Telecom Ottawa Holding Inc. / Societe De Portefeuill	86202 9337 RC0001	17,140,000	45,000
4	PowerTrail Inc.	82829 3944 RC0001	12,349,000	4,036,000
5	Moose Creek Energy Inc.	82851 1311 RC0001	200	0
6	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	100	0
7	Chaudiere Water Power Inc/Energie Hydraulique De l	10093 1955 RC0001	611,000	2,682,000
8	2425932 ONTARIO INC.	80053 3846 RC0001	106,647,071	0
9	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	101	0
10	EO GENERATION GP INC.	83966 8308 RC0001	327	24
11	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	55,000	0
12	SOLARTRAIL GP INC.	81087 4164 RC0001	101	0
13	EONY GENERATION HOLDING INC.	NR	0	0
14	EONY GENERATION LIMITED	NR	0	0
15	9927891 CANADA INC.	74962 8699 RC0001	55,917,738	0
16	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	380,081	203,233
17	ENERGY OTTAWA CABLE TESTING SERVICES INC.	74276 6892 RC0001	2,328,231	363,493
18	HULL ENERGY GP INC.	74882 0321 RC0001	47	0
19	Smart City Lighting Inc.	79280 8719 RC0001	1	0
		Total	450 1,460,532,998	550 87,785,750

Enter the total assets from line 450 on line 116 in Part 1 of Schedule 510, *Ontario Corporate Minimum Tax.*
Enter the total revenue from line 550 on line 146 in Part 1 of Schedule 510.

Note 1: Enter "NR" if a corporation is not registered.

Note 2: If the associated corporation does not have a tax year that ends in the filing corporation's current tax year but was associated with the filing corporation in the previous tax year of the filing corporation, enter the total revenue and total assets from the tax year of the associated corporation that ends in the previous tax year of the filing corporation.

* **Rules for total assets**

– Report total assets in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.

– Include the associated corporation's share of the total assets of partnership(s) and joint venture(s) but exclude the recorded asset(s) for the investment in partnerships and joint ventures.

– Exclude unrealized gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

** **Rules for total revenue**

– Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.

– If the associated corporation has 2 or more tax years ending in the filing corporation's tax year, **multiply** the sum of the total revenue for each of those tax years by 365 and **divide** by the total number of days in all of those tax years.

– If the associated corporation's tax year is less than 51 weeks and is the only tax year of the associated corporation that ends in the filing corporation's tax year, **multiply** the associated corporation's total revenue by 365 and **divide** by the number of days in the associated corporation's tax year.

– Include the associated corporation's share of the total revenue of partnerships and joint ventures.

– If the partnership or joint venture has 2 or more fiscal periods ending in the associated corporation's tax year, **multiply** the sum of the total revenue for each of the fiscal periods by 365 and **divide** by the total number of days in all the fiscal periods.

2017-12-31 Hydro Ottawa Limited/Hydro Ottawa Limitee
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SCHEDULE 546

CORPORATIONS INFORMATION ACT ANNUAL RETURN FOR ONTARIO CORPORATIONS

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- This schedule should be completed by a corporation that is incorporated, continued, or amalgamated in Ontario and subject to the Ontario *Business Corporations Act* (BCA) or Ontario *Corporations Act* (CA), except for registered charities under the federal *Income Tax Act*. This completed schedule serves as a *Corporations Information Act* Annual Return under the *Ontario Corporations Information Act*.
- Complete parts 1 to 4. Complete parts 5 to 7 only to report change(s) in the information recorded on the Ontario Ministry of Government Services (MGS) public record.
- This schedule must set out the required information for the corporation as of the date of delivery of this schedule.
- A completed Ontario *Corporations Information Act* Annual Return must be delivered within six months after the end of the corporation's tax year-end. The MGS considers this return to be delivered on the date that it is filed with the Canada Revenue Agency (CRA) together with the corporation's income tax return.
- It is the corporation's responsibility to ensure that the information shown on the MGS public record is accurate and up-to-date. To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. Visit **www.ServiceOntario.ca** for more information.
- This schedule contains non-tax information collected under the authority of the Ontario *Corporations Information Act*. This information will be sent to the MGS for the purposes of recording the information on the public record maintained by the MGS.

Part 1 – Identification

100 Corporation's name (exactly as shown on the MGS public record)
Hydro Ottawa Limited/Hydro Ottawa Limitee

Jurisdiction incorporated, continued, or amalgamated, whichever is the most recent	**110** Date of incorporation or amalgamation, whichever is the most recent (Year Month Day)	**120** Ontario Corporation No.
Ontario	2000-10-03	1427586

Part 2 – Head or registered office address (P.O. box not acceptable as stand-alone address)

200 Care of (if applicable)

210 Street number	**220** Street name/Rural route/Lot and Concession number	**230** Suite number
3025	Albion Road North	

240 Additional address information if applicable (line 220 must be completed first)
PO Box 8700

250 Municipality (e.g., city, town)	**260** Province/state	**270** Country	**280** Postal/zip code
Ottawa	ON	CA	K1G 3S4

Part 3 – Change identifier

Have there been any changes in any of the information most recently filed for the public record maintained by the MGS for the corporation with respect to names, addresses for service, and the date elected/appointed and, if applicable, the date the election/appointment ceased of the directors and five most senior officers, or with respect to the corporation's mailing address or language of preference? To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. For more information, visit **www.ServiceOntario.ca**.

300 [1] If there have been no changes, enter **1** in this box and then go to "Part 4 – Certification."
If there are changes, enter **2** in this box and complete the applicable parts on the next page, and then go to "Part 4 – Certification."

Part 4 – Certification

I certify that all information given in this *Corporations Information Act* Annual Return is true, correct, and complete.

450 Simpson (Last name) **451** Geoff (First name)

454 ______________________, (Middle name(s))

460 [2] Please enter one of the following numbers in this box for the above-named person: **1** for director, **2** for officer, or **3** for other individual having knowledge of the affairs of the corporation. If you are a director and officer, enter **1** or **2**.

Note: Sections 13 and 14 of the Ontario *Corporations Information Act* provide penalties for making false or misleading statements or omissions.

Complete the applicable parts to report changes in the information recorded on the MGS public record.

Part 5 – Mailing address

500 ☐ Please enter one of the following numbers in this box:

1 - Show no mailing address on the MGS public record.
2 - The corporation's mailing address is the same as the head or registered office address in Part 2 of this schedule.
3 - The corporation's complete mailing address is as follows:

510 Care of (if applicable)

520 Street number | **530** Street name/Rural route/Lot and Concession number | **540** Suite number

550 Additional address information if applicable (line 530 must be completed first)

560 Municipality (e.g., city, town) | **570** Province/state | **580** Country | **590** Postal/zip code

Part 6 – Language of preference

600 ☐ Indicate your language of preference by entering **1** for English or **2** for French. This is the language of preference recorded on the MGS public record for communications with the corporation. It may be different from line 990 on the T2 return.

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SCHEDULE 550

ONTARIO CO-OPERATIVE EDUCATION TAX CREDIT

Name of corporation	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule to claim an Ontario co-operative education tax credit (CETC) under section 88 of the *Taxation Act, 2007* (Ontario).
- The CETC is a refundable tax credit that is equal to an eligible percentage (10% to 30%) of the eligible expenditures incurred by a corporation for a qualifying work placement. The maximum credit amount is $1,000 for each qualifying work placement ending before March 27, 2009, and $3,000 for each qualifying work placement beginning after March 26, 2009. For a qualifying work placement that straddles March 26, 2009, the maximum credit amount is prorated.
- Eligible expenditures are salaries and wages (including taxable benefits) paid or payable to a student in a qualifying work placement, or fees paid or payable to an employment agency for services performed by the student in a qualifying work placement. These expenditures must be paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario. Expenditures for a work placement (WP) are not eligible expenditures if they are greater than the amounts that would be paid to an arm's length employee.
- A WP must meet all of the following conditions to be a qualifying work placement:
  - the student performs employment duties for a corporation under a qualifying co-operative education program (QCEP);
  - the WP has been developed or approved by an eligible educational institution as a suitable learning situation;
  - the terms of the WP require the student to engage in productive work;
  - the WP is for a period of at least 10 consecutive weeks or, in the case of an internship program, not less than 8 consecutive months and not more than 16 consecutive months;
  - the student is paid for the work performed in the WP;
  - the corporation is required to supervise and evaluate the job performance of the student in the WP;
  - the institution monitors the student's performance in the WP; and
  - the institution has certified the WP as a qualifying work placement.
- Make sure you keep a copy of the letter of certification from the Ontario eligible educational institution containing the name of the student, the employer, the institution, the term of the WP, and the name/discipline of the QCEP to support the claim. Do not submit the letter of certification with the *T2 Corporation Income Tax Return*.
- File this schedule with the *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number including area code
Bettina Yau	(613) 738-5499

Is the claim filed for a CETC earned through a partnership?* . . . . . **150** 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 150, what is the name of the partnership? . . . . . **160** ______

Enter the percentage of the partnership's CETC allocated to the corporation . . . . . **170** ______ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 550 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 550 to claim the partner's share of the partnership's CETC. The allocated amounts can not exceed the amount of the partnership's CETC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . **200** 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the *Taxation Act*, 2007 (Ontario)? . . . . . **210** 1 Yes [ ] 2 No [X]

If you answered **no** to question 1 or **yes** to question 2, then the corporation is **not eligible** for the CETC.

Part 3 – Eligible percentage for determining the eligible amount

Corporation's salaries and wages paid in the previous tax year * **300** 74,128,000

For eligible expenditures incurred before March 27, 2009:
- If line 300 is $400,000 or less, enter 15% on line 310.
- If line 300 is $600,000 or more, enter 10% on line 310.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 310 using the following formula:

$$\text{Eligible percentage} = 15\,\% - \left[5\,\% \times \left(\frac{\text{amount on line 300} \quad \textbf{minus} \ \$ \ 400{,}000}{\$ \ 200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount . . . . . **310** 10.000 %

For eligible expenditures incurred after March 26, 2009:
- If line 300 is $400,000 or less, enter 30% on line 312.
- If line 300 is $600,000 or more, enter 25% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Eligible percentage} = 30\,\% - \left[5\,\% \times \left(\frac{\text{amount on line 300} \quad \textbf{minus} \ \$ \ 400{,}000}{\$ \ 200{,}000} \right) \right]$$

Eligible percentage for determining the eligible amount . . . . . **312** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 88(9) of the *Taxation Act, 2007* (Ontario) applies, enter the salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Calculation of the Ontario co-operative education tax credit

Complete a separate entry for each student for each qualifying work placement that ended in the corporation's tax year. If a qualifying work placement would otherwise exceed four consecutive months, divide the WP into periods of four consecutive months and enter each full period of four consecutive months as a separate WP. If the WP does not divide equally into four-month periods and if the period that is less than 4 months is 10 or more consecutive weeks, then enter that period as a separate WP. If that period is less than 10 consecutive weeks, then include it with the WP for the last period of 4 consecutive months. Consecutive WPs with two or more associated corporations are deemed to be with only one corporation, as designated by the corporations.

	A Name of university, college, or other eligible educational institution **400**	B Name of qualifying co-operative education program **405**
1.	Algonquin College	Construction Engineering Technician
2.	Carleton University	Bachelor of Engineering, Electrical
3.	Carleton University	Bachelor of Engineering, Mechanical
4.	Algonquin College	Powerline Technician
5.	Algonquin College	Powerline Technician
6.	Algonquin College	Powerline Technician
7.	Algonquin College	Powerline Technician
8.	Algonquin College	Powerline Technician
9.	Algonquin College	Powerline Technician
10.	Algonquin College	Powerline Technician
11.	Algonquin College	Powerline Technician
12.	Algonquin College	Powerline Technician
13.	Carleton University	Powerline Technician
14.	Carleton University	Construction Engineering Technician
15.	Carleton University	Bachelor of Engineering, Mechanical
16.	Carleton University	Bachelor of Engineering, Electrical
17.	Carleton University	Bachelor of Engineering, Electrical
18.	Niagara College Canada	Electrical Engineering Technology
19.	Georgian College	Electrical Engineering Technology/Technician
20.	Georgian College	Electrical Engineering Technology/Technician
21.	Carleton University	Bachelor of Engineering, Mechanical
22.		

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	C Name of student 410	D Start date of WP (see note 1 below) 430	E End date of WP (see note 2 below) 435
1.	[redacted]	2017-05-01	2017-08-25
2.	[redacted]	2017-05-01	2017-08-25
3.	[redacted]	2017-05-01	2017-08-25
4.	[redacted]	2017-05-01	2017-09-01
5.	[redacted]	2017-05-01	2017-09-01
6.	[redacted]	2017-05-01	2017-09-01
7.	[redacted]	2017-05-01	2017-09-01
8.	[redacted]	2017-05-01	2017-09-01
9.	[redacted]	2017-05-01	2017-09-01
10.	[redacted]	2017-05-01	2017-09-01
11.	[redacted]	2017-05-01	2017-09-01
12.	[redacted]	2017-05-01	2017-09-01
13.	[redacted]	2017-05-01	2017-09-01
14.	[redacted]	2017-09-05	2017-12-21
15.	[redacted]	2017-01-02	2017-04-25
16.	[redacted]	2017-01-02	2017-04-25
17.	[redacted]	2017-05-01	2017-08-25
18.	[redacted]	2017-01-02	2017-04-28
19.	[redacted]	2017-01-03	2017-04-28
20.	[redacted]	2017-09-05	2017-12-21
21.	[redacted]	2017-09-05	2017-12-21
22.			

Note 1: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the start date for the separate WP.

Note 2: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the end date for the separate WP.

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Part 4 – Calculation of the Ontario co-operative education tax credit (continued)

	F1 Eligible expenditures before March 27, 2009 (see note 1 below) 450	Eligible percentage before March 27, 2009 (from line 310 in Part 3)	F2 Eligible expenditures after March 26, 2009 (see note 1 below) 452	Eligible percentage after March 26, 2009 (from line 310a in Part 3)	X Number of consecutive weeks of the WP completed by the student before March 27, 2009 (see note 3 below)	Y Total number of consecutive weeks of the student's WP (see note 3 below)
1.		10.000 %	9,337	25.000 %		17
2.		10.000 %	11,835	25.000 %		17
3.		10.000 %	11,634	25.000 %		17
4.		10.000 %	12,411	25.000 %		18
5.		10.000 %	12,515	25.000 %		18
6.		10.000 %	13,746	25.000 %		18
7.		10.000 %	13,453	25.000 %		18
8.		10.000 %	10,407	25.000 %		18
9.		10.000 %	12,477	25.000 %		18
10.		10.000 %	13,439	25.000 %		18
11.		10.000 %	11,657	25.000 %		18
12.		10.000 %	10,164	25.000 %		18
13.		10.000 %	10,581	25.000 %		18
14.		10.000 %	10,776	25.000 %		14
15.		10.000 %	11,634	25.000 %		16
16.		10.000 %	11,428	25.000 %		16
17.		10.000 %	11,428	25.000 %		17
18.		10.000 %	11,737	25.000 %		17
19.		10.000 %	10,041	25.000 %		16
20.		10.000 %	9,670	25.000 %		14
21.		10.000 %	10,124	25.000 %		14
22.		10.000 %		25.000 %		

	G Eligible amount (eligible expenditures **multiplied** by eligible percentage) (see note 2 below) 460	H Maximum CETC per WP (see note 3 below) 462	I CETC on eligible expenditures (column G or H, whichever is less) 470	J CETC on repayment of government assistance (see note 4 below) 480	K CETC for each WP (column I or column J) 490
1.	2,334	3,000	2,334		2,334
2.	2,959	3,000	2,959		2,959
3.	2,909	3,000	2,909		2,909
4.	3,103	3,000	3,000		3,000
5.	3,129	3,000	3,000		3,000
6.	3,437	3,000	3,000		3,000
7.	3,363	3,000	3,000		3,000
8.	2,602	3,000	2,602		2,602
9.	3,119	3,000	3,000		3,000
10.	3,360	3,000	3,000		3,000
11.	2,914	3,000	2,914		2,914
12.	2,541	3,000	2,541		2,541
13.	2,645	3,000	2,645		2,645
14.	2,694	3,000	2,694		2,694
15.	2,909	3,000	2,909		2,909
16.	2,857	3,000	2,857		2,857
17.	2,857	3,000	2,857		2,857
18.	2,934	3,000	2,934		2,934
19.	2,510	3,000	2,510		2,510
20.	2,418	3,000	2,418		2,418
21.	2,531	3,000	2,531		2,531

	G Eligible amount (eligible expenditures **multiplied** by eligible percentage) (see note 2 below) 460	H Maximum CETC per WP (see note 3 below) 462	I CETC on eligible expenditures (column G or H, whichever is less) 470	J CETC on repayment of government assistance (see note 4 below) 480	K CETC for each WP (column I or column J) 490
22.					

Ontario co-operative education tax credit (total of amounts in column K) 500 58,614 L

or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount L:

Amount L ______ x percentage on line 170 in Part 1 ______ % = ... ______ M

Enter amount L or M, whichever applies, on line 452 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 550, add the amounts from line L or M, whichever applies, on all the schedules and enter the total amount on line 452 of Schedule 5.

Note 1: Reduce eligible expenditures by all government assistance, as defined under subsection 88(21) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, for the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.

Note 2: Calculate the eligible amount (Column G) using the following formula:

Column G = (column F1 x percentage on line 310) + (column F2 x percentage on line 312)

Note 3: If the WP ends before March 27, 2009, the maximum credit amount for the WP is $1,000.
If the WP begins after March 26, 2009, the maximum credit amount for the WP is $3,000.
If the WP begins before March 27, 2009, and ends after March 26, 2009, calculate the maximum credit amount using the following formula:

($1,000 x X/Y) + [$3,000 x (Y – X)/Y]

where "X" is the number of consecutive weeks of the WP completed by the student before March 27, 2009, and "Y" is the total number of consecutive weeks of the student's WP.

Note 4: When claiming a CETC for repayment of government assistance, complete a **separate entry** for each repayment and complete columns A to E and J and K with the details for the previous year WP in which the government assistance was received.
Include the amount of government assistance repaid in the tax year multiplied by the eligible percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the CETC in that tax year.

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Schedule 552

Ontario Apprenticeship Training Tax Credit

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2017-12-31

- Use this schedule to claim an Ontario apprenticeship training tax credit (ATTC) under section 89 of the *Taxation Act, 2007* (Ontario).
- The ATTC is a refundable tax credit that is equal to a specified percentage (25% to 45%) of the eligible expenditures incurred by a corporation for a qualifying apprenticeship. For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015, the maximum credit for each qualifying apprenticeship is $10,000 per year to a maximum credit of $40,000 over the first 48-month period of the qualifying apprenticeship. For an apprenticeship program that began after April 23, 2015, the maximum credit for each qualifying apprenticeship is $5,000 per year to a maximum credit of $15,000 over the first 36-month period of the qualifying apprenticeship.
- Eligible expenditures are salaries and wages (including taxable benefits) paid to an apprentice in a qualifying apprenticeship or fees paid to an employment agency for the provision of services performed by the apprentice in a qualifying apprenticeship. These expenditures must be:
  - paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario;
  - for services provided by the apprentice during the first 48 months of the apprenticeship program, if an apprenticeship program began before April 24, 2015; and
  - for services provided by the apprentice during the first 36 months of the apprenticeship program, if an apprenticeship program began after April 23, 2015.
- An expenditure is not eligible for an ATTC if:
  - the same expenditure was used, or will be used, to claim a co-operative education tax credit; or
  - it is more than an amount that would be paid to an arm's length apprentice.
- An apprenticeship must meet the following conditions to be a qualifying apprenticeship:
  - the apprenticeship is in a qualifying skilled trade approved by the Ministry of Training, Colleges and Universities (Ontario) or a person designated by him or her; and
  - the corporation and the apprentice must be participating in an apprenticeship program in which the training agreement has been registered under the *Ontario College of Trades and Apprenticeship Act, 2009, or* the *Apprenticeship and Certification Act, 1998,* or in which the contract of apprenticeship has been registered under the *Trades Qualification and Apprenticeship Act.*
- Do not submit the training agreement or contract of apprenticeship with your *T2 Corporation Income Tax Return*. Keep a copy of the training agreement or contract of apprenticeship to support your claim.
- File this schedule with your *T2 Corporation Income Tax Return*.

Part 1 – Corporate information

110 Name of person to contact for more information: Bettina Yau

120 Telephone number: (613) 738-5499

Is the claim filed for an ATTC earned through a partnership? * . . . . . **150** 1 Yes [ ] 2 No [X]

If you answered **yes** to the question at line 150, what is the name of the partnership? . **160** ______

Enter the percentage of the partnership's ATTC allocated to the corporation . . . . . **170** ______ %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 552 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 552 to claim the partner's share of the partnership's ATTC. The total of the partners' allocated amounts can never exceed the amount of the partnership's ATTC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . **200** 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the *Taxation Act, 2007* (Ontario)? . . . . . **210** 1 Yes [ ] 2 No [X]

If you answered **no** to question 1 or **yes** to question 2, then you are **not eligible** for the ATTC.

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Part 3 – Specified percentage

Corporation's salaries and wages paid in the previous tax year * **300** 74,128,000

For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015:

- If line 300 is $400,000 or less, enter 45% on line 312.
- If line 300 is $600,000 or more, enter 35% on line 312.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Specified percentage} = 45\,\% - \left[10\,\% \times \frac{(\text{amount on line 300} \text{ minus } 400{,}000)}{200{,}000} \right]$$

Specified percentage . . . . . **312** 35.000 %

For eligible expenditures incurred for an apprenticeship program that began after April 23, 2015:

- If line 300 is $400,000 or less, enter 30% on line 314.
- If line 300 is $600,000 or more, enter 25% on line 314.
- If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 314 using the following formula:

$$\text{Specified percentage} = 30\,\% - \left[5\,\% \times \frac{(\text{amount on line 300} \text{ minus } 400{,}000)}{200{,}000} \right]$$

Specified percentage . . . . . **314** 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 89(6) of the *Taxation Act, 2007* (Ontario) applies, enter salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Ontario apprenticeship training tax credit

Complete a **separate entry** for each apprentice for each qualifying apprenticeship with the corporation. When claiming an ATTC for repayment of government assistance, complete a **separate entry** for each repayment, and complete columns A to G and M and N with the details for the employment period in the previous tax year in which the government assistance was received.

	A Trade code 400	B Apprenticeship program/trade name 405	C Name of apprentice 410
1.	[redacted]	[redacted]	[redacted]
2.	[redacted]	[redacted]	[redacted]
3.	[redacted]	[redacted]	[redacted]
4.	[redacted]	[redacted]	[redacted]
5.	[redacted]	[redacted]	[redacted]
6.	[redacted]	[redacted]	[redacted]
7.	[redacted]	[redacted]	[redacted]
8.	[redacted]	[redacted]	[redacted]
9.	[redacted]	[redacted]	[redacted]
10.	[redacted]	[redacted]	[redacted]
11.	[redacted]	[redacted]	[redacted]
12.	[redacted]	[redacted]	[redacted]
13.	[redacted]	[redacted]	[redacted]
14.	[redacted]	[redacted]	[redacted]
15.	[redacted]	[redacted]	[redacted]
16.	[redacted]	[redacted]	[redacted]
17.	[redacted]	[redacted]	[redacted]
18.	[redacted]	[redacted]	[redacted]
19.	[redacted]	[redacted]	[redacted]
20.	[redacted]	[redacted]	[redacted]
21.	[redacted]	[redacted]	[redacted]
22.	[redacted]	[redacted]	[redacted]

2017-12-31

Hydro Ottawa Limited/Hydro Ottawa Limitee
86339 1363 RC0001

	D Original contract or training agreement number 420	E Original registration date of apprenticeship contract or training agreement (YYYYMMDD) (see note 1) 425	F Start date of employment as an apprentice in the tax year (YYYYMMDD) (see note 2) 430	G End date of employment as an apprentice in the tax year (YYYYMMDD) (see note 3) 435
1.	[redacted]	2014-06-09	2017-01-01	2017-12-31
2.	[redacted]	2014-06-09	2017-01-01	2017-12-31
3.	[redacted]	2014-06-09	2017-01-01	2017-12-31
4.	[redacted]	2014-06-09	2017-01-01	2017-12-31
5.	[redacted]	2014-06-09	2017-01-01	2017-12-31
6.	[redacted]	2015-07-06	2017-01-01	2017-12-31
7.	[redacted]	2015-07-06	2017-01-01	2017-12-31
8.	[redacted]	2015-07-06	2017-01-01	2017-12-31
9.	[redacted]	2015-06-08	2017-01-01	2017-12-31
10.	[redacted]	2015-07-06	2017-01-01	2017-12-31
11.	[redacted]	2015-06-08	2017-01-01	2017-12-31
12.	[redacted]	2016-05-09	2017-01-01	2017-12-31
13.	[redacted]	2016-05-09	2017-01-01	2017-12-31
14.	[redacted]	2016-05-09	2017-01-01	2017-12-31
15.	[redacted]	2016-05-09	2017-01-01	2017-12-31
16.	[redacted]	2016-05-09	2017-01-01	2017-12-31
17.	[redacted]	2017-07-14	2017-05-08	2017-12-31
18.	[redacted]	2017-07-14	2017-05-08	2017-12-31
19.	[redacted]	2017-07-14	2017-05-08	2017-12-31
20.	[redacted]	2017-07-14	2017-05-08	2017-12-31
21.	[redacted]	2017-07-14	2017-05-08	2017-12-31
22.	[redacted]	2017-11-08	2017-05-08	2017-12-31

Note 1: Enter the original registration date of the apprenticeship contract or training agreement in all cases, even when multiple employers employed the apprentice.

Note 2: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the first day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the start date of employment as an apprentice for the tax year in which the government assistance was received.

Note 3: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the last day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the end date of employment as an apprentice for the tax year in which the government assistance was received.

Part 4 – Ontario apprenticeship training tax credit (continued)

	H1 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began before April 24, 2015 (see note 1) 442	H2 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began after April 23, 2015 (see note 1) 443	I Maximum credit amount for the tax year (see note 2) 445
1.	365		10,000
2.	365		10,000
3.	365		10,000
4.	365		10,000
5.	365		10,000
6.		365	5,000
7.		365	5,000
8.		365	5,000
9.		365	5,000
10.		365	5,000
11.		365	5,000
12.		365	5,000
13.		365	5,000
14.		365	5,000
15.		365	5,000
16.		365	5,000
17.		237	3,247
18.		237	3,247
19.		237	3,247
20.		237	3,247
21.		237	3,247
22.		237	3,247

Note 1: When there are multiple employment periods as an apprentice in the tax year with the corporation, do not include days in which the individual was not employed as an apprentice.
For H1: The days employed as an apprentice must be within 48 months of the registration date provided in column E.
For H2: The days employed as an apprentice must be within 36 months of the registration date provided in column E.

Note 2: Maximum credit = ($10,000 × H1/365*) or ($5,000 × H2/365*), whichever applies.
* 366 days, if the tax year includes February 29

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures **multiplied** by specified percentage (see note 4) 460
1.	84,331		29,516
2.	98,989		34,646
3.	94,983		33,244
4.	107,869		37,754
5.	93,580		32,753
6.		80,254	20,064
7.		78,487	19,622
8.		83,907	20,977
9.		79,263	19,816
10.		81,014	20,254
11.		84,439	21,110
12.		70,486	17,622
13.		73,613	18,403
14.		71,790	17,948
15.		70,901	17,725
16.		83,478	20,870
17.		42,618	10,655
18.		37,352	9,338

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures **multiplied** by specified percentage (see note 4) 460
19.		44,636	11,159
20.		41,918	10,480
21.		47,243	11,811
22.		62,616	15,654

Note 3: Reduce eligible expenditures by all government assistance, as defined under subsection 89(19) of the *Taxation Act, 2007* (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, in respect of the eligible expenditures, on or before the filing due date of the *T2 Corporation Income Tax Return* for the tax year.

For J1: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 48 months of the apprenticeship program, and not relating to services performed before the apprenticeship program began or after it ended.

For J2: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 36 months of the apprenticeship program, and not relating to services performed before the apprenticeship began or after it ended.

Note 4: Calculate the amount in column K as follows:
Column K = (J1 × line 312) or (J2 × line 314), whichever applies.

	L ATTC on eligible expenditures (lesser of columns I and K) 470	M ATTC on repayment of government assistance (see note 5) 480	N ATTC for each apprentice (column L or M, whichever applies) 490
1.	10,000		10,000
2.	10,000		10,000
3.	10,000		10,000
4.	10,000		10,000
5.	10,000		10,000
6.	5,000		5,000
7.	5,000		5,000
8.	5,000		5,000
9.	5,000		5,000
10.	5,000		5,000
11.	5,000		5,000
12.	5,000		5,000
13.	5,000		5,000
14.	5,000		5,000
15.	5,000		5,000
16.	5,000		5,000
17.	3,247		3,247
18.	3,247		3,247
19.	3,247		3,247
20.	3,247		3,247
21.	3,247		3,247
22.	3,247		3,247

Ontario apprenticeship training tax credit (total of amounts in column N) 500 124,482 O

Or, if the corporation answered **yes** at line 150 in Part 1, determine the partner's share of amount O:

Amount O ______ x percentage on line 170 in Part 1 ______ % = ... ______ P

Enter amount O or P, whichever applies, on line 454 of Schedule 5, *Tax Calculation Supplementary – Corporations*. If you are filing more than one Schedule 552, **add** the amounts from line O or P, whichever applies, on all the schedules, and enter the total amount on line 454 of Schedule 5.

Note 5: Include the amount of government assistance repaid in the tax year multiplied by the specified percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the ATTC in that tax year. Complete a **separate entry** for each repayment of government assistance.

See the privacy notice on your return.

200

Canada Revenue Agency / Agence du revenu du Canada

T2 Corporation Income Tax Return

PILS FILING

055 Do not use this area

This form serves as a federal, provincial, and territorial corporation income tax return, unless the corporation is located in Quebec or Alberta. If the corporation is located in one of these provinces, you have to file a separate provincial corporationreturn.

All legislative references on this return are to the federal Income Tax Act and Income Tax Regulations. This return may contain changes that had not yet become law at the time of publication.

Send one completed copy of this return, including schedules and the General Index of Financial Information (GIFI), to your tax centre or tax services office. You have to file the return within six months after the end of the corporation's tax year.

For more information see canada.ca/taxes or Guide T4012, T2 Corporation – Income Tax Guide.

Identification

Business number (BN) 001 86339 1363 RC0001

Corporation's name
002 Hydro Ottawa Limited/Hydro Ottawa Limitee

Address of head office
Has this address changed since the last time we were notified? . . . . 010 1 Yes [ ] 2 No [X]
If yes, complete lines 011 to 018.
011 2711 HUNT CLUB RD
012 PO Box 8700
City: 015 OTTAWA
Province, territory, or state: 016 ON
Country (other than Canada): 017
Postal or ZIP code: 018 K1G 5Z9

Mailing address (if different from head office address)
Has this address changed since the last time we were notified? . . . . 020 1 Yes [ ] 2 No [X]
If yes, complete lines 021 to 028.
021 c/o
022
023
City: 025
Province, territory, or state: 026
Country (other than Canada): 027
Postal or ZIP code: 028

Location of books and records (if different from head office address)
Has this address changed since the last time we were notified? . . . . 030 1 Yes [ ] 2 No [X]
If yes, complete lines 031 to 038.
031
032
City: 035
Province, territory, or state: 036
Country (other than Canada): 037
Postal or ZIP code: 038

040 Type of corporation at the end of the tax year (tick one)
[X] 1 Canadian-controlled private corporation (CCPC)
[ ] 2 Other private corporation
[ ] 3 Public corporation
[ ] 4 Corporation controlled by a public corporation
[ ] 5 Other corporation (specify)

If the type of corporation changed during the tax year, provide the effective date of the change . . . . 043 Year Month Day

To which tax year does this return apply?
Tax year start: 060 Year Month Day 2018-01-01
Tax year-end: 061 Year Month Day 2018-12-31

Has there been an acquisition of control resulting in the application of subsection 249(4) since the tax year start on line 060? . . . . 063 1 Yes [ ] 2 No [X]

If yes, provide the date control was acquired . . . . 065 Year Month Day

Is the date on line 061 a deemed tax year-end according to subsection 249(3.1)? . . . . 066 1 Yes [ ] 2 No [X]

Is the corporation a professional corporation that is a member of a partnership? . . . . 067 1 Yes [ ] 2 No [X]

Is this the first year of filing after:
Incorporation? . . . . 070 1 Yes [ ] 2 No [X]
Amalgamation? . . . . 071 1 Yes [ ] 2 No [X]
If yes, complete lines 030 to 038 and attach Schedule 24.

Has there been a wind-up of a subsidiary under section 88 during the current tax year? . . . . 072 1 Yes [ ] 2 No [X]
If yes, complete and attach Schedule 24.

Is this the final tax year before amalgamation? . . . . 076 1 Yes [ ] 2 No [X]

Is this the final return up to dissolution? . . . . 078 1 Yes [ ] 2 No [X]

If an election was made under section 261, state the functional currency used 079

Is the corporation a resident of Canada? 080 1 Yes [X] 2 No [ ]
If no, give the country of residence on line 081 and complete and attach Schedule 97.
081

Is the non-resident corporation claiming an exemption under an income tax treaty? . . . . 082 1 Yes [ ] 2 No [X]
If yes, complete and attach Schedule 91.

If the corporation is exempt from tax under section 149, tick one of the following boxes:
085
[ ] 1 Exempt under paragraph 149(1)(e) or (l)
[ ] 2 Exempt under paragraph 149(1)(j)
[ ] 3 Exempt under paragraph 149(1)(t)
[ ] 4 Exempt under other paragraphs of section 149

Do not use this area
095 096 898

Attachments

Financial statement information: Use GIFI schedules 100, 125, and 141.
Schedules – Answer the following questions. For each yes response, attach the schedule to the T2 return, unless otherwise instructed.

		Yes	Schedule
Is the corporation related to any other corporations?	150	X	9
Is the corporation an associated CCPC?	160	X	23
Is the corporation an associated CCPC that is claiming the expenditure limit?	161		49
Does the corporation have any non-resident shareholders who own voting shares?	151		19
Has the corporation had any transactions, including section 85 transfers, with its shareholders, officers, or employees, other than transactions in the ordinary course of business? Exclude non-arm's length transactions with non-residents	162		11
If you answered yes to the above question, and the transaction was between corporations not dealing at arm's length, were all or substantially all of the assets of the transferor disposed of to the transferee?	163		44
Has the corporation paid any royalties, management fees, or other similar payments to residents of Canada?	164		14
Is the corporation claiming a deduction for payments to a type of employee benefit plan?	165	X	15
Is the corporation claiming a loss or deduction from a tax shelter?	166		T5004
Is the corporation a member of a partnership for which a partnership account number has been assigned?	167		T5013
Did the corporation, a foreign affiliate controlled by the corporation, or any other corporation or trust that did not deal at arm's length with the corporation have a beneficial interest in a non-resident discretionary trust (without reference to section 94)?	168		22
Did the corporation own any shares in one or more foreign affiliates in the tax year?	169		25
Has the corporation made any payments to non-residents of Canada under subsections 202(1) and/or 105(1) of the Income Tax Regulations?	170		29
Did the corporation have a total amount over CAN$1 million of reportable transactions with non-arm's length non-residents?	171		T106
For private corporations: Does the corporation have any shareholders who own 10% or more of the corporation's common and/or preferred shares?	173	X	50
Has the corporation made payments to, or received amounts from, a retirement compensation plan arrangement during the year?	172		
Does the corporation earn income from one or more Internet web pages or websites?	180		88
Is the net income/loss shown on the financial statements different from the net income/loss for income tax purposes?	201	X	1
Has the corporation made any charitable donations; gifts of cultural or ecological property; or gifts of medicine?	202	X	2
Has the corporation received any dividends or paid any taxable dividends for purposes of the dividend refund?	203	X	3
Is the corporation claiming any type of losses?	204		4
Is the corporation claiming a provincial or territorial tax credit or does it have a permanent establishment in more than one jurisdiction?	205	X	5
Has the corporation realized any capital gains or incurred any capital losses during the tax year?	206		6
i) Is the corporation a CCPC and reporting a) income or loss from property (other than dividends deductible on line 320 of the T2 return), b) income from a partnership, c) income from a foreign business, d) income from a personal services business, e) income referred to in clause 125(1)(a)(i)(C) or 125(1)(a)(i)(B), f) aggregate investment income as defined in subsection 129(4), or g) an amount assigned to it under subsection 125(3.2) or 125(8); or ii) Is the corporation a member of a partnership and assigning its specified partnership business limit to a designated member under subsection 125(8)?	207		7
Does the corporation have any property that is eligible for capital cost allowance?	208	X	8
Does the corporation have any property that is eligible capital property?	210		10
Does the corporation haveany resource-related deductions?	212		12
Is the corporation claiming deductible reserves (other than transitional reserves under section 34.2)?	213	X	13
Is the corporation claiming a patronage dividend deduction?	216		16
Is the corporation a credit union claiming a deduction for allocations in proportion to borrowing or an additional deduction?	217		17
Is the corporation an investment corporation or a mutual fund corporation?	218		18
Is the corporation carrying on business in Canada as a non-resident corporation?	220		20
Is the corporation claiming any federal, provincial, or territorial foreign tax credits, or any federal logging tax credits?	221		21
Does the corporation have any Canadian manufacturing and processing profits?	227		27
Is the corporation claiming an investment tax credit?	231	X	31
Is the corporation claiming any scientific research and experimental development (SR&ED) expenditures?	232		T661
Is the total taxable capital employed in Canada of the corporation and its related corporations over $10,000,000?	233	X	33/34/35
Is the total taxable capital employed in Canada of the corporation and its associated corporations over $10,000,000?	234	X	
Is the corporation subject to gross Part VI tax on capital of financial institutions?	238		38
Is the corporation claiming a Part I tax credit?	242		42
Is the corporation subject to Part IV.1 tax on dividends received on taxable preferred shares or Part VI.1 tax on dividends paid?	243		43
Is the corporation agreeing to a transfer of the liability for Part VI.1 tax?	244		45
Is the corporation subject to Part II – Tobacco Manufacturers' surtax?	249		46
For financial institutions: Is the corporation a member of a related group of financial institutions with one or more members subject to gross Part VI tax?	250		39
Is the corporation claiming a Canadian film or video production tax credit refund?	253		T1131
Is the corporation claiming a film or video production services tax credit refund?	254		T1177
Is the corporation subject to Part XIII.1 tax? (Show your calculations on a sheet that you identify as Schedule 92.)	255		92

Attachments (continued)

		Yes	Schedule
Did the corporation have any foreign affiliates in the tax year?	271		T1134
Did the corporation own or hold specified foreign property where the total cost amount of all such property, at any time in the year, was more than CAN$100,000?	259		T1135
Did the corporation transfer or loan property to a non-resident trust?	260		T1141
Did the corporation receive a distribution from or was it indebted to a non-resident trust in the year?	261		T1142
Has the corporation entered into an agreement to allocate assistance for SR&ED carried out in Canada?	262		T1145
Has the corporation entered into an agreement to transfer qualified expenditures incurred in respect of SR&ED contracts?	263		T1146
Has the corporation entered into an agreement with other associated corporations for salary or wages of specified employees for SR&ED?	264		T1174
Did the corporation pay taxable dividends (other than capital gains dividends) in the tax year?	265	X	55
Has the corporation made an election under subsection 89(11) not to be a CCPC?	266		T2002
Has the corporation revoked any previous election made under subsection 89(11)?	267		T2002
Did the corporation (CCPC or deposit insurance corporation (DIC)) pay eligible dividends, or did its general rate income pool (GRIP) change in the tax year?	268	X	53
Did the corporation (other than a CCPC or DIC) pay eligible dividends, or did its low rate income pool (LRIP) change in the tax year?	269		54

Additional information

		1 Yes	2 No
Did the corporation use the International Financial Reporting Standards (IFRS) when it prepared its financial statements?	270	X	
Is the corporation inactive?	280		X

What is the corporation's main revenue-generating business activity? ..... 221122 Electric Power Distribution

Specify the principal products mined, manufactured, sold, constructed, or services provided, giving the approximate percentage of the total revenue that each product or service represents.

			%
284	DIST. OF ELECTRICITY	285	100.000 %
286		287	%
288		289	%

		1 Yes	2 No
Did the corporation immigrate to Canada during the tax year?	291		X
Did the corporation emigrate from Canada during the tax year?	292		X
Do you want to be considered as a quarterly instalment remitter if you are eligible?	293		

If the corporation was eligible to remit instalments on a quarterly basis for part of the tax year, provide the date the corporation ceased to be eligible ..... 294 Year Month Day

		1 Yes	2 No
If the corporation's major business activity is construction, did you have any subcontractors during the tax year?	295		

Taxable income

Net income or (loss) for income tax purposes from Schedule 1, financial statements, or GIFI	300		17,000,835	A
Deduct:				
Charitable donations from Schedule 2	311	578,098		
Cultural gifts from Schedule 2	313			
Ecological gifts from Schedule 2	314			
Gifts of medicine made before March 22, 2017, from Schedule 2	315			
Taxable dividends deductible under section 112 or 113, or subsection 138(6) from Schedule 3	320			
Part VI.1 tax deduction*	325			
Non-capital losses of previous tax years from Schedule 4	331			
Net capital losses of previous tax years from Schedule 4	332			
Restricted farm losses of previous tax years from Schedule 4	333			
Farm losses of previous tax years from Schedule 4	334			
Limited partnership losses of previous tax years from Schedule 4	335			
Taxable capital gains or taxable dividends allocated from a central credit union	340			
Prospector's and grubstaker's shares	350			
Subtotal		578,098	578,098	B
Subtotal (amount A minus amount B) (if negative, enter "0")		16,422,737		C
Section 110.5 additions or subparagraph 115(1)(a)(vii) additions	355			D
Taxable income (amount C plus amount D)	360		16,422,737	
Income exempt under paragraph 149(1)(t)	370			
Taxable income for a corporation with exempt income under paragraph 149(1)(t) (line 360 minus line 370)			16,422,737	Z
Taxable income for the year from a personal services business				Z.1

* This amount is equal to 3.5 times the Part VI.1 tax payable at line 724 on page 9.

Small business deduction

Canadian-controlled private corporations (CCPCs) throughout the tax year

Income from active business carried on in Canada from Schedule 7	400	17,000,835	A
Taxable income from line 360 on page 3, minus 100/28 (3.57143) of the amount on line 632* on page 8, minus 4 times the amount on line 636** on page 8, and minus any amount that, because of federal law, is exempt from Part I tax	405	16,422,737	B
Business limit (see notes 1 and 2 below)	410	500,000	C

Notes:

1. For CCPCs that are not associated, enter $ 500,000 on line 410. However, if the corporation's tax year is less than 51 weeks, prorate this amount by the number of days in the tax year divided by 365, and enter the result on line 410.
2. For associated CCPCs, use Schedule 23 to calculate the amount to be entered on line 410.

Business limit reduction:

Amount C 500,000 x [415]*** 2,400,940 D / 11,250 = 106,708,444 E1

Amount C 500,000 / 500,000 x 5 x [Adjusted aggregate investment income**** – 50,000] = E2

Business limit reduction (amounts E1 or E2, whichever is greater)****		106,708,444	E
Reduced business limit (amount C minus amount E) (if negative, enter "0")	425		F
Business limit the CCPC assigns under subsection 125(3.2) (from line 515 below)			G
Amount F minus amount G	427		H

Small business deduction

Amount A, B, C, or H, whichever is the least ______ x Number of days in the tax year before January 1, 2018 / Number of days in the tax year 365 x 17.5 % = ______ 1

Amount A, B, C, or H, whichever is the least ______ x Number of days in the tax year after December 31, 2017, and before January 1, 2019 365 / Number of days in the tax year 365 x 18 % = ______ 2

Amount A, B, C, or H, whichever is the least ______ x Number of days in the tax year after December 31, 2018 / Number of days in the tax year 365 x 19 % = ______ 3

Total of amounts 1, 2 and 3 (enter amount I at amount J on page 8) 430 ______ I

* Calculate the amount of foreign non-business income tax credit deductible on line 632 without reference to the refundable tax on the CCPC's investment income (line 604) and without reference to the corporate tax reductions under section 123.4.

** Calculate the amount of foreign business income tax credit deductible on line 636 without reference to the corporation tax reductions under section 123.4.

*** Large corporations

- If the corporation is not associated with any corporations in both the current and previous tax years, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the prior year minus $10,000,000) x 0.225%.
- If the corporation is not associated with any corporations in the current tax year, but was associated in the previous tax year, the amount to be entered on line 415 is: (total taxable capital employed in Canada for the current year minus $10,000,000) x 0.225%.
- For corporations associated in the current tax year, see Schedule 23 for the special rules that apply.

**** For tax years starting after 2018, the business limit reduction under subparagraph 125(5.1) ITA is the greater of the following amounts:
1) Amount E1, based on the taxable capital employed in Canada for the corporation and associated corporations in the last tax year ending in the precedingcalendar year; and,
2) Amount E2, based on the total adjusted aggregate investment income for the corporation and associated corporations in tax years ending in the precedingcalendar year.

For more information, consult the Help (F1).

Specified corporate income and assignment under subsection 125(3.2)

Applicable to tax years that begin after March 21, 2016

Except that, if the tax year of your corporation started before and ends on or after March 22, 2016 and in the tax year of a CCPC, you can make an assignment of business limit to that other CCPC if its tax year started after March 21, 2016.

	J1 Name of corporation receiving the income and assigned amount	J Business number of the corporation receiving the assigned amount 490	K Income paid under clause 125(1)(a)(i)(B) to the corporation identified in column J [3] 500	L Business limit assigned to corporation identified in column J [4] 505
1.				
			Total 510 ______	Total 15 ______

Notes:

3. This amount is [as defined in subsection 125(7) specified corporate income (a)(i)] the total of all amounts each of which is income from an active business of the corporation for the year from the provision of services or property to a private corporation (directly or indirectly, in any manner whatever) if
(A) at any time in the year, the corporation (or one of its shareholders) or a person who does not deal at arm's length with the corporation (or one of its shareholders) holds a direct or indirect interest in the private corporation, and
(B) it is not the case that all or substantially all of the corporation's income for the year from an active business is from the provision of services or propertyto
(I) persons (other than the private corporation) with which the corporation deals at arm's length, or
(II) partnerships with which the corporation deals at arm's length, other than a partnership in which a person that does not deal at arm's length with the corporation holds a direct or indirect interest.
4. The amount of the business limit you assign to a CCPC cannot be greater than the amount determined by the formula A – B, where A is the amount of income referred to in column K in respect of that CCPC and B is the portion of the amount described in A that is deductible by you in respect of the amount of income referred to in clauses 125(1)(a)(i)(A) or (B) for the year. The amount on line 515 cannot be greater than the amount on line 425.

General tax reduction for Canadian-controlled private corporations

Canadian-controlled private corporations throughout the tax year

Taxable income from page 3 (line 360 or amount Z, whichever applies)		16,422,737	A
Lesser of amounts 9B and 9H from Part 9 of Schedule 27	______ B		
Amount 13K from Part 13 of Schedule 27	______ C		
Personal services business income 432	______ D		
Amount used to calculate the credit union deduction (amount 2E from Schedule 17)	______ E		
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least	______ F		
Aggregate investment income from line 440 on page 6*	______ G		
Subtotal (add amounts B to G)	______ ▶	______	H
Amount A minus amount H (if negative, enter "0")		16,422,737	I
General tax reduction for Canadian-controlled private corporations – Amount I multiplied by 13 %		2,134,956	J

Enter amount J on line 638 on page 8.

* Except for a corporation that is, throughout the year, a cooperative corporation (within the meaning assigned by subsection 136(2)) or a credit union.

General tax reduction

Do not complete this area if you are a Canadian-controlled private corporation, an investment corporation, a mortgage investment corporation, a mutual fund corporation, or any corporation with taxable income that is not subject to the corporation tax rate of 38%.

Taxable income from page 3 (line 360 or amount Z, whichever applies)		______	K
Lesser of amounts 9B and 9H from Part 9 of Schedule 27	______ L		
Amount 13K from Part 13 of Schedule 27	______ M		
Personal services business income 434	______ N		
Amount used to calculate the credit union deduction (amount 2E from Schedule 17)	______ O		
Subtotal (add amounts L to O)	______ ▶	______	P
Amount K minus amount P (if negative, enter "0")		______	Q
General tax reduction – Amount Q multiplied by 13 %		______	R

Enter amount R on line 639 on page 8.

Refundable portion of Part I tax

Canadian-controlled private corporations throughout the tax year

Aggregate investment income from Schedule 7 . . . . 440 ________ x 30 2 / 3 % = ________ A

Foreign non-business income tax credit from line 632 on page 8 . . . . ________ B

Deduct:
Foreign investment income from Schedule 7 . . . . 445 ________ x 8 % = ________ C

Subtotal (amount B minus amount C) (if negative, enter "0") ________ ▶ ________ D

Amount A minus amount D (if negative, enter "0") . . . . ________ E

Taxable income from line 360 on page 3 . . . . 16,422,737 F

Deduct:
Amount from line 400, 405, 410, or 427 on page 4, whichever is the least . . . . ________ G

Foreign non-business income tax credit from line 632 on page 8 . . . . ________ x 75 / 29 = ________ H

Foreign business income tax credit from line 636 on page 8 . . ________ x 4 = ________ I

Subtotal (total of amounts G, H and I) ________ ▶ ________ J

Subtotal (amount F minus amount J) (if negative, enter "0") 16,422,737 K x 30 2 / 3 % = 5,036,306 L

Part I tax payable minus investment tax credit refund (line 700 minus line 780 from page 9) . . . . 2,437,410 M

Refundable portion of Part I tax – Amount E, L, or M, whichever is the least . . . . 450 ________ N

Refundable dividend tax on hand

Eligible refundable dividend tax on hand account (ERDTOH)* (applicable to taxation years that start after 2018)

Eligible refundable dividend tax on hand at the end of the previous tax year . . . . ________ a

Dividend refund from the ERDTOH for the previous tax year . . . . ________ b

Subtotal (amount a minus amount b) ________ ▶ ________ O1

Part IV tax payable attributable to eligible dividends received from unconnected corporations (amount N1 from Schedule 3) . . . . ________ c

Part IV tax attributable to taxable dividends received from connected corporations which generated a dividend refund from their ERDTOH account (amount N2 from Schedule 3) . . . . ________ d

Net eligible refundable dividend tax on hand transferred from a predecessor corporation on amalgamation, or from a wound-up subsidiary corporation . . . . ________ e

Subtotal (add amounts c, d and e) ________ ▶ ________ R1

Eligible refundable dividend tax on hand at the end of the tax year (amount O1 plus amount R1) . . . . ________ R2

Refundable dividend tax on hand (continued)

Refundable dividend tax on hand
(for tax years that start after 2018, non-eligible refundable dividend tax on hand account (NERDTOH)*)

Refundable dividend tax on hand at the end of the previous tax year (for tax years that start after 2018, non-eligible refundable dividend tax on hand at the end of the previous tax year) . . . . 460 ____

Dividend refund for the previous tax year (for tax years that start after 2018, dividend refund from the NERDTOH for the previous tax year) . . . . 465 ____

Subtotal (line 460 minus line 465) ____ ▶ ____ O2

Refundable portion of Part I tax from line 450 above . . . . ____ P

Total Part IV tax payable from line 360 in Schedule 3 (for tax years that start after 2018, total Part IV tax payable less the Part IV tax attributable to the ERDTOH account (amount N3 from Schedule 3) (if negative, enter « 0 »)) . . . . ____ Q

Net refundable dividend tax on hand transferred from a predecessor corporation on amalgamation, or from a wound-up subsidiary corporation (for tax years that start after 2018, net non-eligible refundable dividend tax on hand transferred) . . . . 480 ____

Subtotal (add amounts P, Q and line 480) ____ ▶ ____ R3

Refundable dividend tax on hand at the end of the tax year (amount O2 plus amount R3) . . . . ____

R4 (for tax years that start after 2018, non-eligible refundable dividend tax on hand at the end of the tax year)

Refundable dividend tax on hand at the end of the tax year (amount R2 plus amount R4) . . . . 485 ____

* For more information, consult the Help (F1).

Dividend refund

Private and subject corporations at the time taxable dividends were paid in the tax year
Refund attributable to eligible dividends paid in the taxation year* (applicable to taxation years that start after 2018)

Eligible Dividend paid in the tax year . . . . ____ x 38 1 / 3 % = ____ S1

Eligible refundable dividend tax on hand at the end of the tax year (amount R2) . . . . ____ T1

Dividend refund attributable to the ERDTOH (amount S1 or T1, whichever is less) ____ ▶ ____ U1

Dividend refund
(for tax years that start after 2018, dividend refund attributable to non-eligible dividends paid in the tax year*)

Taxable dividends paid in the tax year from line 460 of Schedule 3 (for tax years that start after 2018, taxable non-eligible dividends paid in the tax year) . . . . 11,900,000 x 38 1 / 3 % = 4,561,667 S2

Refundable dividend tax on hand at the end of the tax year (amount R4) (for tax years that start after 2018, non-eligible refundable dividend tax on hand at the end of the tax year) . . . . ____ T2

Dividend refund (amount S2 or T2, whichever is less) ____ ▶ ____ U2
(for tax years that start after 2018, dividend refund attributable to the NERDTOH)

For tax years that start after 2018:

Amount S2 minus amount T2 (if negative, enter "0") . . . . ____ S3

Eligible refundable dividend tax on hand minus dividend refund attributable to the ERDTOH (amount T1 minus amount U1) . . . . ____ T3

Additional dividend refund attributable to the ERDTOH (amount S3 or T3, whichever is less) ____ ▶ ____ U3

Dividend refund (amount U1 plus amount U2 plus amount U3) . . . . ____ U

Enter amount U on line 784 on page 9.

* For more information, consult the Help (F1).

Part I tax

Base amount Part I tax – Taxable income from page 3 (line 360 or amount Z, whichever applies) multiplied by 38 %				550	6,240,640 A
Additional tax on personal services business income (section 123.5)					
Taxable income from a personal services business	555		x 5 % =	560	B
Recapture of investment tax credit from Schedule 31				602	C
Calculation for the refundable tax on the Canadian-controlled private corporation's (CCPC) investment income (if it was a CCPC throughout the tax year)					
Aggregate investment income from line 440 on page 6			D		
Taxable income from line 360 on page 3	16,422,737 E				
Deduct: Amount from line 400, 405, 410, or 427 on page 4, whichever is the least	F				
Net amount (amount E minus amount F)	16,422,737	▶	16,422,737 G		
Refundable tax on CCPC's investment income – 10 2 / 3 % of whichever is less: amount D or amount G				604	H
Subtotal (add amounts A, B, C, and H)					6,240,640 I

Deduct:			
Small business deduction from line 430 on page 4		J	
Federal tax abatement	608	1,642,274	
Manufacturing and processing profits deduction from Schedule 27	616		
Investment corporation deduction	620		
Taxed capital gains 624			
Additional deduction – credit unions from Schedule 17	628		
Federal foreign non-business income tax credit from Schedule 21	632		
Federal foreign business income tax credit from Schedule 21	636		
General tax reduction for CCPCs from amount J on page 5	638	2,134,956	
General tax reduction from amount R on page 5	639		
Federal logging tax credit from Schedule 21	640		
Eligible Canadian bank deduction under section 125.21	641		
Federal qualifying environmental trust tax credit	648		
Investment tax credit from Schedule 31	652	26,000	
Subtotal		3,803,230 ▶	3,803,230 K
Part I tax payable – Amount I minus amount K			2,437,410 L

Enter amount L on line 700 on page 9.

Privacy statement

Personal information is collected under the Income Tax Act to administer tax, benefits, and related programs. It may also be used for any purpose related to the enforcement of the Act such as audit, compliance and collections activities. It may be shared or verified with other federal, provincial, territorial or foreign government institutions to the extent authorized by law. Failure to provide this information may result in interest payable, penalties or other actions. Under the Privacy Act, individuals have the right to access their personal information, request correction, or file a complaint to the Privacy Commissioner of Canada regarding the handling of the individual's personal information. Refer to Personal Information Bank CRA PPU 047 on Info Source at canada.ca/cra-info-source.

Summary of tax and credits

Federal tax

Part I tax payable from amount L on page 8	700	2,437,410
Part II surtax payable from Schedule 46	708	
Part III.1 tax payable from Schedule 55	710	
Part IV tax payable from Schedule 3	712	
Part IV.1 tax payable from Schedule 43	716	
Part VI tax payable from Schedule 38	720	
Part VI.1 tax payable from Schedule 43	724	
Part XIII.1 tax payable from Schedule 92	727	
Part XIV tax payable from Schedule 20	728	
Total federal tax		2,437,410

Add provincial or territorial tax:

Provincial or territorial jurisdiction . . . 750 ON
(if more than one jurisdiction, enter "multiple" and complete Schedule 5)

Net provincial or territorial tax payable (except Quebec and Alberta)	760	1,754,798
Total tax payable	770	4,192,208 A

Deduct other credits:

Investment tax credit refund from Schedule 31	780	
Dividend refund from amount U on page 7	784	
Federal capital gains refund from Schedule 18	788	
Federal qualifying environmental trust tax credit refund	792	
Canadian film or video production tax credit refund (Form T1131)	796	
Film or video production services tax credit refund (Form T1177)	797	
Tax withheld at source	800	
Total payments on which tax has been withheld	801	
Provincial and territorial capital gains refund from Schedule 18	808	
Provincial and territorial refundable tax credits from Schedule 5	812	
Tax instalments paid	840	4,950,000
Total credits	890	4,950,000 ▶ 4,950,000 B

Refund code 894 1 Overpayment 757,792

Balance (amount A minus amount B) -757,792

If the result is positive, you have a balance unpaid.
If the result is negative, you have an overpayment.
Enter the amount on whichever line applies.
Generally, we do not charge or refund a difference of $2 or less.

Balance unpaid . . . . . .

For information on how to make your payment, go to canada.ca/payments.

Direct deposit request

To have the corporation's refund deposited directly into the corporation's bank account at a financial institution in Canada, or to change banking information you already gave us, complete the information below:

☐ Start ☐ Change information 910 ______ Branch number

914 ______ Institution number 918 ______ Account number

If the corporation is a Canadian-controlled private corporation throughout the tax year, does it qualify for the one-month extension of the date the balance of tax is due? . . . 896 1 Yes ☐ 2 No ☒

If this return was prepared by a tax preparer for a fee, provide their EFILE number . . . 920

Certification

I, 950 Simpson 951 Geoff 954 CFO,
Last name First name Position, office, or rank
am an authorized signing officer of the corporation. I certify that I have examined this return, including accompanying schedules and statements, and that the information given on this return is, to the best of my knowledge, correct and complete. I also certify that the method of calculating income for this tax year is consistent with that of the previous tax year except as specifically disclosed in a statement attached to this return.

955 2019-06-17 Date (yyyy/mm/dd) | ______ Signature of the authorized signing officer of the corporation | 956 (613) 738-5499 Telephone number

Is the contact person the same as the authorized signing officer? If no, complete the information below . . . 957 1 Yes ☐ 2 No ☒

958 Bettina Yau Name of other authorized person | 959 (613) 738-5499 Telephone number

Language of correspondence – Langue de correspondance

Indicate your language of correspondence by entering 1 for English or 2 for French.
Indiquez votre langue de correspondance en inscrivant 1 pour anglais ou 2 pour français. 990 1

Schedule of Instalment Remittances

Name of corporation contact: Mike Grue
Telephone number: (613) 738-5499

Effective interest date	Description(instalment remittance, split payment, assessed credit)	Amount of credit
	INSTALLMENTS - 2018	4,950,000
	Total amount of instalments claimed (carry the result to line 840 of the T2 Return)	4,950,000 A
	Total instalments credited to the taxation year per T9	4,950,000 B

Transfer

	Account number	Taxation year end	Amount	Effective interest date	Description
From:					
To:					
From:					
To:					
From:					
To:					
From:					
To:					
From:					
To:					

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 100

Form identifier 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

Balance sheet information

Account	Description	GIFI		Current year	Prior year
	Assets				
	Total current assets	1599	+	**166,742,000**	**182,061,000**
	Total tangible capital assets	2008	+	**1,280,181,000**	**1,092,256,000**
	Total accumulated amortization of tangible capital assets	2009	–	**165,584,000**	**126,137,000**
	Total intangible capital assets	2178	+	**103,065,000**	**99,730,000**
	Total accumulated amortization of intangible capital assets	2179	–	**36,891,000**	**27,383,000**
	Total long-term assets	2589	+	**34,667,000**	**25,466,000**
	*** Assets held in trust**	2590	+		
	Total assets (mandatory field)	2599	=	**1,382,180,000**	**1,245,993,000**
	Liabilities				
	Total current liabilities	3139	+	223,369,000	160,947,000
		3450			749,387,000
	Total long-term liabilities	3460	+	797,893,000	
		3470			
	* Subordinated debt		+		
	* Amounts held in trust		+		910,334,000
	Shareholder equity				
	Total shareholder equity (mandatory field)	3620	+	360,918,000	335,659,000
	Total liabilities and shareholder equity	3640	=	1,382,180,000	1,245,993,000
	Retained earnings				
	Retained earnings/deficit – end (mandatory field)	3849	=	193,837,000	168,578,000

* Generic item

Canada Revenue Agency / Agence du revenu du Canada

SCHEDULE 125

Form identifier 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

Income statement information

Description GIFI

Operating name 0001
Description of the operation 0002
Sequence number 0003 01

Account	Description	GIFI		Current year	Prior year
	Income statement information				
	Total sales of goods and services	8089	+	1,085,410,000	1,110,462,000
	Cost of sales	8518	–	864,442,000	910,810,000
	Gross profit/loss	8519	=	220,968,000	199,652,000
	Cost of sales	8518	+	864,442,000	910,810,000
	Total operating expenses	9367	+	170,491,000	150,022,000
	Total expenses (mandatory field)	9368	=	1,034,933,000	1,060,832,000
	Total revenue (mandatory field)	8299	+	1,085,410,000	1,110,462,000
	Total expenses (mandatory field)	9368	–	1,034,933,000	1,060,832,000
	Net non-farming income	9369	=	50,477,000	49,630,000
	Farming income statement information				
	Total farm revenue (mandatory field)	9659	+		
	Total farm expenses (mandatory field)	9898	–		
	Net farm income	9899	=		
	Net income/loss before taxes and extraordinary items	9970	=	50,477,000	49,630,000
	Total other comprehensive income	9998	=		
	Extraordinary items and income (linked to Schedule 140)				
	Extraordinary item(s)	9975	–		
	Legal settlements	9976	–		
	Unrealized gains/losses	9980	+		
	Unusual items	9985	–		
	Current income taxes	9990	–	4,689,000	3,828,000
		9995			9,342,000
	Future (deferred) income tax provision	9998	–	8,629,000	
		9999			36,460,000
	Total - Other comprehensive income		+		

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Schedule 141

Notes Checklist

Corporation's name	Business number	Tax Year End Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Parts 1, 2, and 3 of this schedule must be completed from the perspective of the person (referred to in these parts as the accountant) who prepared or reported on the financial statements. If the person preparing the tax return is not the accountant referred to above, they must still complete Parts 1, 2, 3, and 4, as applicable.
- For more information, see Guide RC4088, General Index of Financial Information (GIFI) and T4012, T2 Corporation – Income Tax Guide.
- Complete this schedule and include it with your T2 return along with the other GIFI schedules.

Part 1 – Information on the accountant who prepared or reported on the financial statements

	Line	Yes	No
Does the accountant have a professional designation?	095	X	
Is the accountant connected* with the corporation?	097		X

Note
If the accountant does not have a professional designation or is connected to the corporation, you do not have to complete Parts 2 and 3 of this schedule. However, you do have to complete Part 4, as applicable.

* A person connected with a corporation can be: (i) a shareholder of the corporation who owns more than 10% of the common shares; (ii) a director, an officer, or an employee of the corporation; or (iii) a person not dealing at arm's length with the corporation.

Part 2 – Type of involvement with the financial statements

Choose the option that represents the highest level of involvement of the accountant: 198

Completed an auditor's report	1	X
Completed a review engagement report	2	
Conducted a compilation engagement	3	

Part 3 – Reservations

If you selected option 1 or 2 under Type of involvement with the financial statements above, answer the following question:

	Line	Yes	No
Has the accountant expressed a reservation?	099		X

Part 4 – Other information

If you have a professional designation and are not the accountant associated with the financial statements in Part 1 above, choose one of the following options: 110

Prepared the tax return (financial statements prepared by client)	1	
Prepared the tax return and the financial information contained therein (financial statements have not been prepared)	2	

	Line	Yes	No
Were notes to the financial statements prepared?	101	X	
If yes, complete lines 104 to 107 below:			
Are subsequent events mentioned in the notes?	104		X
Is re-evaluation of asset information mentioned in the notes?	105		X
Is contingent liability information mentioned in the notes?	106	X	
Is information regarding commitments mentioned in the notes?	107	X	
Does the corporation have investments in joint venture(s) or partnership(s)?	108		X

Part 4 – Other information (continued)

Impairment and fair value changes

In any of the following assets, was an amount recognized in net income or other comprehensive income (OCI) as a result of an impairment loss in the tax year, a reversal of an impairment loss recognized in a previous tax year, or a change in fair value during the tax year? . . . . . 200 Yes [X] No [ ]

If yes, enter the amount recognized:

		In net income Increase(decrease)		In OCI Increase(decrease)
Property, plant, and equipment	210	603,201	211	
Intangible assets	215		216	
Investment property	220			
Biological assets	225			
Financial instruments	230		231	
Other	235		236	

Financial instruments

Did the corporation derecognize any financial instrument(s) during the tax year (other than trade receivables)? . . . . . 250 Yes [ ] No [X]

Did the corporation apply hedge accounting during the tax year? . . . . . 255 Yes [ ] No [X]

Did the corporation discontinue hedge accounting during the tax year? . . . . . 260 Yes [ ] No [X]

Adjustments to opening equity

Was an amount included in the opening balance of retained earnings or equity, in order to correct an error, to recognize a change in accounting policy, or to adopt a new accounting standard in the current tax year? . . . . . 265 Yes [ ] No [X]

If yes, you have to maintain a separate reconciliation.

SCHEDULE 100

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Form identifier 100

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

Assets – lines 1000 to 2599

1060	162,814,000	1484	3,928,000	1599	166,742,000
1680	90,073,000	1681	-12,939,000	1740	1,187,770,000
1741	-152,645,000	1900	2,338,000	2008	1,280,181,000
2009	-165,584,000	2010	103,065,000	2011	-36,891,000
2178	103,065,000	2179	-36,891,000	2420	34,667,000
2589	34,667,000	2599	1,382,180,000		

Liabilities – lines 2600 to 3499

2620	147,854,000	2680	842,000	2860	27,673,000
2863	47,000,000	3139	223,369,000	3140	597,185,000
3220	115,769,000	3240	25,806,000	3270	12,367,000
3320	46,766,000	3450	797,893,000	3499	1,021,262,000

Shareholder equity – lines 3500 to 3640

3500	167,081,000	3600	193,837,000	3620	360,918,000
3640	1,382,180,000				

Retained earnings – lines 3660 to 3849

3660	168,578,000	3680	37,159,000	3700	-11,900,000
3849	193,837,000				

SCHEDULE 125

GENERAL INDEX OF FINANCIAL INFORMATION – GIFI

Form identifier 125

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

Description

Sequence number 0003 01

Revenue – lines 8000 to 8299

8000	1,085,410,000	8089	1,085,410,000	8299	1,085,410,000

Cost of sales – lines 8300 to 8519

8320	864,442,000	8518	864,442,000	8519	220,968,000

Operating expenses – lines 8520 to 9369

8570	9,508,000	8670	40,148,000	8740	19,759,000
9010	8,331,000	9060	77,285,000	9110	30,168,000
9270	-14,692,000	9284	-16,000	9367	170,491,000
9368	1,034,933,000	9369	50,477,000		

Extraordinary items and taxes – lines 9970 to 9999

9970	50,477,000	9990	4,689,000	9995	8,629,000
9999	37,159,000				

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Net Income (Loss) for Income Tax Purposes

Schedule 1

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- The purpose of this schedule is to provide a reconciliation between the corporation's net income (loss) as reported on the financial statements and its net income (loss) for tax purposes. For more information, see the T2 Corporation – Income Tax Guide.
- All legislative references are to the Income Tax Act.

Net income (loss) after taxes and extraordinary items from line 9999 of Schedule 125 .... 37,159,000 A

Add:

Provision for income taxes – current	101	4,689,000	
Interest and penalties on taxes	103	4,286	
Amortization of tangible assets	104	40,148,000	
Amortization of intangible assets	106	9,508,000	
Loss on disposal of assets	111	871,729	
Charitable donations and gifts from Schedule 2	112	578,098	
Non-deductible meals and entertainment expenses	121	67,645	
Other reserves on lines 270 and 275 from Schedule 13	125	2,370,974	
Reserves from financial statements – balance at the end of the year	126	2,733,266	
Subtotal of additions		60,970,998 ►	60,970,998

Other additions:

Miscellaneous other additions:

	1 Description 605	2 Amount 295
1	Employee Future Benefits expensed in F/S	735,700
2	Bonus not paid in 180 days after the YE	142,201
	Total of column 2	877,901

Total of column 2	296	877,901	
Subtotal of other additions	199	877,901 ►	877,901
Total additions	500	61,848,899 ►	61,848,899 B

Amount A plus amount B .... 99,007,899 C

Deduct:

Capital cost allowance from Schedule 8	403	69,572,209	
Other reserves on line 280 from Schedule 13	413	2,367,712	
Reserves from financial statements – balance at the beginning of the year	414	3,183,844	
Subtotal of deductions		75,123,765 ►	75,123,765

Other deductions:

Miscellaneous other deductions:

	1 Description 705	2 Amount 395
1	AFUDC	2,495,854
2	Employee Future Benefits paid during the year	648,600
3	Deferred Revenue Amortizarion	2,950,000
4	IBM lease payment	185,644
5	Reversal of impairment of asset	603,201
	Total of column 2	6,883,299

Total of column 2 ► 396 6,883,299

Subtotal of other deductions	499	6,883,299 ▶	6,883,299	
Total deductions	510	82,007,064 ▶	82,007,064	D
Net income (loss) for income tax purposes (amount C minus amount D)			17,000,835	E

Enter amount E on line 300 of the T2 return.

Canada Revenue Agency / Agence du revenu du Canada

Schedule 2

Charitable Donations and Gifts

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- For use by corporations to claim any of the following:
  - – the eligible amount of charitable donations to qualified donees
  - – the Ontario, Nova Scotia, and British Columbia food donation tax credits for farmers
  - – the eligible amount of gifts of certified cultural property
  - – the eligible amount of gifts of certified ecologically sensitive land or
  - – the additional deduction for gifts of medicine made before March 22, 2017
- All legislative references are to the federal Income Tax Act, unless stated otherwise.
- The eligible amount of a gift is the amount by which the fair market value of the gifted property exceeds the amount of an advantage, if any, for the gift.
- The donations and gifts can be carried forward for 5 years except for gifts of certified ecologically sensitive land made after February 10, 2014, which can be carried forward for 10 years. Provincial food donation tax credits must be applied in the current tax year.
- Use this schedule to show a transfer of unused amounts from previous years following an amalgamation or the wind-up of a subsidiary as described under subsections 87(1) and 88(1).
- Subsection 110.1(1.2) provides as follows:
  - – Where a particular corporation has undergone an acquisition of control, for tax years that end on or after the acquisition of control, no corporation can claim a deduction for a gift made by the particular corporation to a qualified donee before the acquisition of control.
  - – If a particular corporation makes a gift to a qualified donee pursuant to an arrangement under which both the gift and the acquisition of control is expected, no corporation can claim a deduction for the gift unless the person acquiring control of the particular corporation is the qualified donee.
- An eligible medical gift made before March 22, 2017, to a qualifying organization for activities outside of Canada may be eligible for an additional deduction. Calculate the additional deduction in Part 5.
- File one completed copy of this schedule with your T2 Corporation Income Tax Return.
- For more information, see the T2 Corporation – Income Tax Guide.

Part 1 – Charitable donations

Charity/Recipient	Amount ($100 or more only)
The Ottawa Hospital	100
Alzheimer Society	100
CanadaHelps CanaDon	100
Canadian Cancer Society	100
Heart & Stroke	100
Parkinson Canada	100
Victoria's Quilts Canada	100
Wounded Warriors Canada	100
Riverview Presbyterian Church	100
The Ottawa Hospital	214,423
MySafeWork	250
Spina Bifida&Hydrocephalus Associaiton of Canada	500
Rideau Valley Wildlife	500
Operation Come Home	650
Community Living Renfrew County South	2,450
United Way	5,000
CHEO	15,000
CHEO	58,465
CHEO	89,195
The Ottawa Hospital	190,765
Subtotal	578,098
Add: Total donations of less than $100 each	
Total donations in current tax year	578,098

Part 1 – Charitable donations

	Line	Federal		Québec	Alberta
Charitable donations at the end of the previous tax year			A		
Charitable donations expired after 5 tax years*	239				
Charitable donations at the beginning of the current tax year (amount A minus line 239)	240				
Charitable donations transferred on an amalgamation or the wind-up of a subsidiary					
Total charitable donations made in the current year (include this amount on line 112 of Schedule 1 Net Income (Loss) for Income Tax Purposes)		578,098		578,098	578,098
Subtotal (line 250 plus line 210)		578,098	B	578,098	578,098
Subtotal (line 240 plus amount B)		578,098	C	578,098	578,098
Adjustment for an acquisition of control	255				
Total charitable donations available (amount C minus line 255)		578,098	D	578,098	578,098
Amount applied in the current year against taxable income (cannot be more than amount L in Part 2) (enter this amount on line 311 of the T2 return)	260	578,098		578,098	578,098
Charitable donations closing balance (amount D minus line 260)	280				

	Line	Amount	
The amount of qualifying donations for the Ontario community food program donation tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2013)	262		
Ontario community food program donation tax credit for farmers (amount on line 262 multiplied by 25 %)			1

Enter amount 1 on line 420 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum you can claim in the current year is whichever is less: the Ontario income tax otherwise payable or amount 1. For more information, see section 103.1.2 of the Taxation Act, 2007 (Ontario).

	Line	Amount	
The amount of qualifying donations for the Nova Scotia food bank tax credit for farmers included in the amount on line 260 (for donations made after December 31, 2015)	263		
Nova Scotia food bank tax credit for farmers (amount on line 263 multiplied by 25 %)			2

Enter amount 2 on line 570 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum you can claim in the current year is whichever is less: the Nova Scotia income tax otherwise payable or amount 2. For more information, see section 50A of the Nova Scotia Income Tax Act.

	Line	Amount	
The amount of qualifying gifts for the British Columbia farmers' food donation tax credit included in the amount on line 260 (for donations made after February 16, 2016 and before January 1, 2020)	265		
British Columbia farmers' food donation tax credit (amount on line 265 multiplied by 25 %)			3

Enter amount 3 on line 683 of Schedule 5, Tax Calculation Supplementary – Corporations. The maximum you can claim in the current year is whichever is less: the British Columbia income tax otherwise payable or amount 3. For more information, see section 20.1 of the British Columbia Income Tax Act.

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amounts carried forward – Charitable donations

Year of origin:		Federal	Québec	Alberta
1st prior year	2017-12-31			
2nd prior year	2016-12-31			
3rd prior year	2015-12-31			
4th prior year	2014-12-31			
5th prior year	2013-12-31			
6th prior year*	2012-12-31			
7th prior year	2011-12-31			
8th prior year	2010-12-31			
9th prior year	2009-12-31			
10th prior year	2008-12-31			
11th prior year	2007-12-31			
12th prior year	2006-12-31			
13th prior year	2005-12-31			
14th prior year	2004-12-31			
15th prior year	2003-12-31			
16th prior year	2002-12-31			
17th prior year	2001-12-31			
18th prior year	2001-09-30			
19th prior year	2000-09-30			
20th prior year	1999-09-30			
21st prior year*	1998-09-30			
Total (to line A)				

* For federal and Alberta tax purposes, donations and gifts included on line 6th prior year expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, that are included on line 6th prior year and donations and gifts that are included on line 21st prior year expire automatically in the current tax year.

Part 2 – Maximum allowable deduction for charitable donations

Net income for tax purposes* multiplied by 75 % .... 12,750,626 E

Taxable capital gains arising in respect of gifts of capital property included in Part 1 ** .... 225 ______

Taxable capital gain in respect of a disposition of a non-qualifying security under subsection 40(1.01) .... 227 ______

The amount of the recapture of capital cost allowance in respect of charitable donations .... 230 ______

Proceeds of disposition, less outlays and expenses** .... ______ F

Capital cost** .... ______ G

Amount F or G, whichever is less .... 235 ______

Amount on line 230 or 235, whichever is less .... ______ H

Subtotal (add line 225, 227, and amount H) ______ I

Amount I multiplied by 25 % ______ J

Subtotal (amount E plus amount J) 12,750,626 K

Maximum allowable deduction for charitable donations (enter amount D from Part 1, amount K, or net income for tax purposes, whichever is less) .... 578,098 L

* For credit unions, subsection 137(2) states that this amount is before the deduction of payments pursuant to allocations in proportion to borrowing and bonus interest.

** This amount must be prorated by the following calculation: eligible amount of the gift divided by the proceeds of disposition of the gift.

Part 3 – Gifts of certified cultural property

		Federal		Québec	Alberta
Gifts of certified cultural property at the end of the previous tax year			M		
Gifts of certified cultural property expired after 5 tax years*	439				
Gifts of certified cultural property at the beginning of the current tax year (amount M minus line 439)	440				
Gifts of certified cultural property transferred on an amalgamation or the wind-up of a subsidiary	450				
Total gifts of certified cultural property in the current year (include this amount on line 112 of Schedule 1)	410				
Subtotal (line 450 plus line 410)			N		
Subtotal (line 440 plus amount N)			O		
Adjustment for an acquisition of control	455				
Amount applied in the current year against taxable income (enter this amount on line 313 of the T2 return)	460				
Subtotal (line 455 plus line 460)			P		
Gifts of certified cultural property closing balance (amount O minus amount P)	480				

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amount carried forward – Gifts of certified cultural property

Year of origin:		Federal	Québec	Alberta
1st prior year	2017-12-31			
2nd prior year	2016-12-31			
3rd prior year	2015-12-31			
4th prior year	2014-12-31			
5th prior year	2013-12-31			
6th prior year*	2012-12-31			
7th prior year	2011-12-31			
8th prior year	2010-12-31			
9th prior year	2009-12-31			
10th prior year	2008-12-31			
11th prior year	2007-12-31			
12th prior year	2006-12-31			
13th prior year	2005-12-31			
14th prior year	2004-12-31			
15th prior year	2003-12-31			
16th prior year	2002-12-31			
17th prior year	2001-12-31			
18th prior year	2001-09-30			
19th prior year	2000-09-30			
20th prior year	1999-09-30			
21st prior year*	1998-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts included on line 6th prior year expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 24, 2006, that are included on line 6th prior year and donations and gifts that are included on line 21st prior year expire automatically in the current tax year.

Part 4 – Gifts of certified ecologically sensitive land

	Line	Federal	Québec	Alberta
Gifts of certified ecologically sensitive land at the end of the previous tax year		. Q		
Gifts of certified ecologically sensitive land expired after 5 tax years, or after 10 tax years for gifts made after February 10, 2014*	539			
Gifts of certified ecologically sensitive land at the beginning of the current tax year (amount Q minus line 539)	540			
Gifts of certified ecologically sensitive land transferred on an amalgamation or the wind-up of a subsidiary	550			
Total current-year gifts of certified ecologically sensitive land made before February 11, 2014 (include this amount on line 112 of Schedule 1)	510			
Total current-year gifts of certified ecologically sensitive land made after February 10, 2014 (include this amount on line 112 of Schedule 1)	520			
Subtotal (add lines 550, 510, and 520)		R		
Subtotal (line 540 plus amount R)		S		
Adjustment for an acquisition of control	555			
Amount applied in the current year against taxable income (enter this amount on line 314 of the T2 return)	560			
Subtotal (line 555 plus line 560)		T		
Gifts of certified ecologically sensitive land closing balance (amount S minus amount T)	580			

* For federal and Alberta tax purposes, donations and gifts made before February 11, 2014, expire after five tax years and gifts made after February 10, 2014, expire after ten tax years. For Québec tax purposes, donations and gifts made during a tax year that ended before March 24, 2006, expire after five tax years; otherwise, donation and gifts expire after twenty tax years.

Amounts carried forward – Gifts of certified ecologically sensitive land

Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date . . . . ________

Year of origin:		Federal	Québec	Alberta
1st prior year	2017-12-31			
2nd prior year	2016-12-31			
3rd prior year	2015-12-31			
4th prior year	2014-12-31			
5th prior year	2013-12-31			
6th prior year*	2012-12-31			
7th prior year	2011-12-31			
8th prior year	2010-12-31			
9th prior year	2009-12-31			
10th prior year	2008-12-31			
11th prior year*	2007-12-31			
12th prior year	2006-12-31			
13th prior year	2005-12-31			
14th prior year	2004-12-31			
15th prior year	2003-12-31			
16th prior year	2002-12-31			
17th prior year	2001-12-31			
18th prior year	2001-09-30			
19th prior year	2000-09-30			
20th prior year	1999-09-30			
21st prior year*	1998-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts made before February 11, 2014, that are included on line 6th prior year and gifts that are included on line 11th prior year expire automatically in the current year.

The field "Amount of carried forward gifts made on or after February 11, 2014, in the tax year including this date" is used to distinguish the portion of the gifts made in the tax year straddling February 11, 2014, that expires after ten tax years, from the portion that expires in the current tax year.

For Québec tax purposes, donations and gifts made during a tax year that ended before March 24, 2006, that are included on line 6th prior year and gifts that are included on line 21st prior year expire automatically in the current tax year.

Part 5 – Additional deduction for gifts of medicine

	Line	Federal		Québec	Alberta
Additional deduction for gifts of medicine at the end of the previous tax year			U		
Additional deduction for gifts of medicine expired after 5 tax years*	639				
Additional deduction for gifts of medicine at the beginning of the current tax year (amount U minus line 639)	640				
Additional deduction for gifts of medicine made before March 22, 2017 transferred on an amalgamation or the wind-up of a subsidiary	650				
Additional deduction for gifts of medicine made before March 22, 2017:					
Proceeds of disposition	602				
Cost of gifts of medicine made before March 22, 2017	601				
Subtotal (line 602 minus line 601)			V		
Amount V multiplied by 50 %			W		
Eligible amount of gifts	600				

Federal

a ______ x (b ______ / c) = Additional deduction for gifts of medicine made before March 22, 2017 .... 610 ______

Québec

a ______ x (b ______ / c) = Additional deduction for gifts of medicine made before March 22, 2017 .... ______

Alberta

a ______ x (b ______ / c) = Additional deduction for gifts of medicine made before March 22, 2017 .... ______

where:

a is the lesser of line 601 and amount W

b is the eligible amount of gifts (line 600)

c is the proceeds of disposition (line 602)

	Line	Federal		Québec	Alberta
Subtotal (line 650 plus line 610)			X		
Subtotal (line 640 plus amount X)			Y		
Adjustment for an acquisition of control	655				
Amount applied in the current year against taxable income (enter this amount on line 315 of the T2 return)	660				
Subtotal (line 655 plus line 660)			Z		
Additional deduction for gifts of medicine closing balance (amount Y minus amount Z)	680				

* For federal and Alberta tax purposes, donations and gifts expire after five tax years. For Québec tax purposes, donations and gifts made in a tax year that ended before March 19, 2007, expire after five tax years; otherwise, donations and gifts expire after twenty tax years.

Amounts carried forward – Additional deduction for gifts of medicine

Year of origin:		Federal	Québec	Alberta
1st prior year	2017-12-31			
2nd prior year	2016-12-31			
3rd prior year	2015-12-31			
4th prior year	2014-12-31			
5th prior year	2013-12-31			
6th prior year*	2012-12-31			
7th prior year	2011-12-31			
8th prior year	2010-12-31			
9th prior year	2009-12-31			
10th prior year	2008-12-31			
11th prior year	2007-12-31			
12th prior year	2006-12-31			
13th prior year	2005-12-31			
14th prior year	2004-12-31			
15th prior year	2003-12-31			
16th prior year	2002-12-31			
17th prior year	2001-12-31			
18th prior year	2001-09-30			
19th prior year	2000-09-30			
20th prior year	1999-09-30			
21st prior year*	1998-09-30			
Total				

* For federal and Alberta tax purposes, donations and gifts included on line 6th prior year expire automatically in the current tax year. For Québec tax purposes, donations and gifts made in a tax year that ended before March 19, 2007, that are included on line 6th prior year and donations and gifts that are included on line 21st prior year expire automatically in the current tax year.

Québec – Gifts of musical instruments

Gifts of musical instruments at the end of the previous tax year		A
Deduct: Gifts of musical instruments expired after twenty tax years		B
Gifts of musical instruments at the beginning of the tax year		C
Add:		
Gifts of musical instruments transferred on an amalgamation or the wind-up of a subsidiary		D
Total current-year gifts of musical instruments		E
Subtotal (line D plus line E)		F
Deduct: Adjustment for an acquisition of control		G
Total gifts of musical instruments available		H
Deduct: Amount applied against taxable income (enter this amount on line 255 of form CO-17)		I
Gifts of musical instruments closing balance		J

Amounts carried forward – Gifts of musical instruments

Year of origin:		Québec
1st prior year	2017-12-31	
2nd prior year	2016-12-31	
3rd prior year	2015-12-31	
4th prior year	2014-12-31	
5th prior year	2013-12-31	
6th prior year*	2012-12-31	
7th prior year	2011-12-31	
8th prior year	2010-12-31	
9th prior year	2009-12-31	
10th prior year	2008-12-31	
11th prior year	2007-12-31	
12th prior year	2006-12-31	
13th prior year	2005-12-31	
14th prior year	2004-12-31	
15th prior year	2003-12-31	
16th prior year	2002-12-31	
17th prior year	2001-12-31	
18th prior year	2001-09-30	
19th prior year	2000-09-30	
20th prior year	1999-09-30	
21st prior year*	1998-09-30	
Total		

* These gifts expired in the current year.

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Schedule 3

Dividends Received, Taxable Dividends Paid, and Part IV Tax Calculations

Corporation'sname	Business number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Corporations must use this schedule to report:
  - non-taxable dividends under section 83;
  - deductible dividends under subsection 138(6);
  - taxable dividends deductible from income under section 112, subsection 113(2) and paragraphs 113(1)(a),(a.1), (b) or (d); or
  - taxable dividends paid in the tax year that qualify for a dividend refund.
- All legislative references are to the federal Income Tax Act.
- The calculations in this schedule apply only to private or subject corporations.
- A recipient corporation is connected with a payer corporation at any time in a tax year, if at that time the recipient corporation:
  - controls the payer corporation, other than because of a right referred to in paragraph 251(5)(b); or
  - owns more than 10% of the issued share capital (with full voting rights), and shares that have a fair market value of more than 10% of the fair market value of all shares of the payer corporation.
- If you need more space, continue on a separate schedule.
- File one completed copy of this schedule with your T2 Corporation Income Tax Return.
- Column A1 – Enter "X" if dividends received from a foreign source.
- Column F1 – Enter the amount of dividends received reported in column 240 that are eligible.
- Column F2 – Enter the code that applies to the deductible taxable dividend.

Part 1 – Dividends received in the tax year

- Do not include dividends received from foreign non-affiliates.
- Complete columns B, C, D, H and I only if the payer corporation is connected.

Important instructions to follow if the payer corporation is connected

- If your corporation's tax year-end is different than that of the connected payer corporation, dividends could have been received from more than one tax year of the payer corporation. If so, use a separate line to provide the information according to each tax year of the payer corporation.
- When completing column J and K use the special calculations provided in the notes.

	A Name of payer corporation (from which the corporation received the dividend) 200	A1	B Enter 1 if payer corporation is connected 205	C Business Number of connected corporation 210	D Tax year-end of the payer corporation in which the sections 112/113 and subsection 138(6) dividends in column F were paid YYYY/MM/DD 220	E Non-taxable dividends under section 83 230
1			1			
					Total of column E (enter amount on line 402 of Schedule 1)	

	F Taxable dividends deductible from taxable income under section 112, subsections 113(2) and 138(6), and paragraphs 113(1)(a), (a.1),(b), or (d)[note 1] 240	F1 Eligible dividends (included in column F)	F2	G Dividends included in column F that was received before 2016 241	H Total taxable dividends paid by connected payer corporation (for tax year in column D) 250	I Dividend refund of the connected payer corporation (for tax year in column D)[note 2] 260	J Part IV tax before deductions. Dividends (from column G) received before 2016 multiplied by 33 1/3%[note 3] 270	K Part IV tax before deductions. Dividends received after 2015 (column F minus column G) multiplied by 38 1/3%[note 4] 275
1								
	Total of column F (include this amount on line 320 of the T2 Return)						Total of column J (enter amount on line a in Part 2)	Total of column K (enter amount on line b in Part 2)

1 If taxable dividends are received, enter the amount in column 240, but if the corporation is not subject to Part IV tax (such as a public corporation other than a subject corporation as defined in subsection 186(3)), enter "0" in column 270 or column 275 as applicable according to the date received. Life insurers are not subject to Part IV tax on subsection 138(6) dividends.

2 If the connected payer corporation's tax year ends after the corporation's balance-due day for the tax year (two or three months, as applicable), you have to estimate the payer's dividend refund when you calculate the corporation's Part IV tax payable.

3 For dividends received before 2016 from connected corporations, Part IV tax on dividends is equal to: column G multiplied by column I divided by column H.

4 For dividends received after 2015 from connected corporations, Part IV tax on dividends is equal to: column I divided by column H multiplied by the result of column F minus column G.

Part 2 – Calculation of Part IV tax payable

Part IV tax on dividends received before 2016, before deductions (total of column J in part 1) ______ a

Part IV tax on dividends received after 2015, before deductions (total of column K in part 1) ______ b

Part IV tax before deductions (amount a plus amount b) ______ ▶ ______ L

Deduct:

Part IV.I tax payable on dividends subject to Part IV tax (from line 360 of Schedule 43) **320** ______

Subtotal (amount L minus line 320) ______ M

Deduct:

Current-year non-capital loss claimed to reduce Part IV tax **330** ______ c

Non-capital losses from previous years claimed to reduce Part IV tax **335** ______ d

Current-year farm loss claimed to reduce Part IV tax **340** ______ e

Farm losses from previous years claimed to reduce Part IV tax **345** ______ f

Total losses applied against Part IV tax (total of amounts c to f) ______ g

If your tax year begins after December 31, 2015:

Amount g multiplied by 38 1 / 3 % ______ h

If your tax year begins before January 1, 2016:

Amount b or M whichever is less

______ ÷ 38 1 / 3 % . . . = ______ 1

Amount 1 or g, whichever is less ______ 2

Amount g minus amount 2 ______ 3

Amount 2 ______ x 38 1 / 3 % = ______ i

Amount 3 ______ x 33 1 / 3 % = ______ j

Subtotal (amount i plus amount j) ______ k

Amount h or amount k, whichever applies depending on your tax year start date ______ N

Part IV tax payable (amount M minus amount N, if negative enter "0") (enter amount on line 712 of the T2 return) **360** ______

Part of the amount on line 360 attributable to:

– Eligible dividends received from unconnected corporations ______ N1

– Taxable dividends received from connected corporations which generated a dividend refund from their ERDTOH account ______ N2

– Other taxable dividends ______ N3

Note: The total of amounts N1, N2 and N3 cannot be greater than the amount on line 360. For more information, consult the Help (F1).

Part 3 – Taxable dividends paid in the tax year that qualify for a dividend refund

If your corporation's tax year-end is different than that of the connected recipient corporation, your corporation could have paid dividends in more than one tax year of the recipient corporation. If so, use a separate line to provide the information according to each tax year of the recipient corporation.

	O Name of connected recipient corporation 400	P Business Number 410	Q Tax year-end of connected recipient corporation in which the dividends in column R were received YYYY/MM/DD 420	R Taxable dividends paid to connected corporations 430	R1 Eligible dividends (included in column R)
1	Hydro Ottawa Holding Inc.	89411 0816 RC0001	2018-12-31	11,900,000	
2					

Total of column R 11,900,000

Total taxable dividends paid in the tax year to other than connected corporations **450** ______

Eligible dividends (included in line 450) 450a ______

Total taxable dividends paid in the tax year that qualify for a dividend refund (total of column R plus line 450) **460** 11,900,000

Part 4 – Total dividends paid in the tax year

Complete this part if the total taxable dividends paid in the tax year that qualify for a dividend refund (line 460) is different from the total dividends paid in the tax year.

Total taxable dividends paid in the tax year for the purposes of a dividend refund (from above)		11,900,000
Other dividends paid in the tax year (total of 510 to 540)		
Total dividends paid in the tax year	500	11,900,000

Deduct:

Dividends paid out of capital dividend account	510	
Capital gains dividends	520	
Dividends paid on shares described in subsection 129(1.2)	530	
Taxable dividends paid to a controlling corporation that was bankrupt at any time in the year	540	
Subtotal (total of lines 510 to 540)		S

Total taxable dividends paid in the tax year that qualify for a dividend refund (Line 500 minus amount S) 11,900,000 T

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Schedule 5

Tax Calculation Supplementary – Corporations

Corporation's name	Business Number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Use this schedule if, during the tax year, your corporation:
  - had a permanent establishment in more than one jurisdiction (corporations that have no taxable income should only complete columns A, B and D in Part 1);
  - is claiming provincial or territorial tax credits or rebates (see Part 2); or
  - has to pay taxes, other than income tax, for Newfoundland and Labrador, or Ontario (see Part 2).
- All legislative references are to the Income Tax Regulations.
- For more information, see the T2 Corporation – Income Tax Guide.
- Enter the regulation number in field 100 of Part 1.

Part 1 – Allocation of taxable income

100 ______ Enter the Regulation that applies (402 to 413).

A Jurisdiction Tick yes if the corporation had a permanent establishment in the jurisdiction during the tax year.*		B Total salaries and wages paid in jurisdiction	C (B x taxable income) / G	D Gross revenue	E (D x taxable income) / H	F Allocation of taxable income (C + E) x 1/2** (where either G or H is nil, do not multiply by 1/2)
Newfoundland and Labrador	003 Yes ☐	103		143		
Newfoundland and Labrador Offshore	004 Yes ☐	104		144		
Prince Edward Island	005 Yes ☐	105		145		
Nova Scotia	007 Yes ☐	107		147		
Nova Scotia Offshore	008 Yes ☐	108		148		
New Brunswick	009 Yes ☐	109		149		
Quebec	011 Yes ☐	111		151		
Ontario	013 Yes ☐	113		153		
Manitoba	015 Yes ☐	115		155		
Saskatchewan	017 Yes ☐	117		157		
Alberta	019 Yes ☐	119		159		
British Columbia	021 Yes ☐	121		161		
Yukon	023 Yes ☐	123		163		
Northwest Territories	025 Yes ☐	125		165		
Nunavut	026 Yes ☐	126		166		
Outside Canada	027 Yes ☐	127		167		
Total		129 G		169 H		

* "Permanent establishment" is defined in subsection 400(2).

** For corporations other than those described under section 402, use the appropriate calculation described in the Regulations to allocate taxable income.

Notes:
1. After determining the allocation of taxable income, you have to calculate the corporation's provincial or territorial tax payable. For more information on how to calculate the tax for each province or territory, see the instructions for Schedule 5 in the T2 Corporation – Income Tax Guide.
2. If the corporation has provincial or territorial tax payable, complete Part 2.
3. If the corporation is a member of a partnership and the partnership had a permanent establishment in a jurisdiction, select the jurisdiction in Column A and include your proportionate share of the partnership's salaries and wages and gross revenue in columns B and D, respectively.

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Canada

Part 2 – Ontario tax payable, tax credits, and rebates

Total taxable income	Income eligible for small business deduction	Provincial or territorial allocation of taxable income	Provincial or territorial tax payable before credits
16,422,737		16,422,737	1,888,615

	Line	Amount		Total
Ontario basic income tax (from Schedule 500)	270	1,888,615		
Ontario small business deduction (from Schedule 500)	402			
Subtotal (line 270 minus line 402)		1,888,615	▶	1,888,615 5A
Ontario transitional tax debits (from Schedule 506)	276			
Recapture of Ontario research and development tax credit (from Schedule 508)	277			
Subtotal (line 276 plus line 277)			▶	5B
Gross Ontario tax (amount 5A plus amount 5B)				1,888,615 5C
Ontario resource tax credit (from Schedule 504)	404			
Ontario tax credit for manufacturing and processing (from Schedule 502)	406			
Ontario foreign tax credit (from Schedule 21)	408			
Ontario credit union tax reduction (from Schedule 500)	410			
Ontario political contributions tax credit (from Schedule 525)	415			
Ontario non-refundable tax credits (total of lines 404 to 415)			▶	5D
Subtotal (amount 5C minus amount 5D) (if negative, enter "0")				1,888,615 5E
Ontario research and development tax credit (from Schedule 508)			416	
Ontario corporate income tax payable before Ontario corporate minimum tax credit and Ontario community food program donation tax credit for farmers (amount 5E minus line 416) (if negative, enter "0")				1,888,615 5F
Ontario corporate minimum tax credit (from Schedule 510)			418	
Ontario community food program donation tax credit for farmers (from Schedule 2)			420	
Ontario corporate income tax payable (amount 5F minus the total of lines 418 and 420) (if negative enter "0")				1,888,615 5G
Ontario corporate minimum tax (from Schedule 510)	278			
Ontario special additional tax on life insurance corporations (from Schedule 512)	280			
Subtotal (line 278 plus line 280)			▶	5H
Total Ontario tax payable before refundable tax credits (amount 5G plus amount 5H)				1,888,615 5I
Ontario qualifying environmental trust tax credit	450			
Ontario co-operative education tax credit (from Schedule 550)	452	62,555		
Ontario apprenticeship training tax credit (from Schedule 552)	454	71,262		
Ontario computer animation and special effects tax credit (from Schedule 554)	456			
Ontario film and television tax credit (from Schedule 556)	458			
Ontario production services tax credit (from Schedule 558)	460			
Ontario interactive digital media tax credit (from Schedule 560)	462			
Ontario sound recording tax credit (from Schedule 562)	464			
Ontario book publishing tax credit (from Schedule 564)	466			
Ontario innovation tax credit (from Schedule 566)	468			
Ontario business-research institute tax credit (from Schedule 568)	470			
Ontario refundable tax credits (total of lines 450 to 470)		133,817	▶	133,817 5J
Net Ontario tax payable or refundable tax credit (amount 5I minus amount 5J) (if a credit, enter amount in brackets) Include this amount on line 255.			290	1,754,798

Summary

Enter the total net tax payable or refundable tax credits for all provinces and territories on line 255.

Net provincial and territorial tax payable or refundable tax credits **255** 1,754,798

If the amount on line 255 is positive, enter the net provincial and territorial tax payable on line 760 of the T2 return.
If the amount on line 255 is negative, enter the net provincial and territorial refundable tax credits on line 812 of the T2 return.

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Schedule 8

Capital Cost Allowance (CCA)

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

For more information, see the section called "Capital Cost Allowance" in the T2 Corporation Income Tax Guide.

Is the corporation electing under Regulation 1101(5q)? 101 Yes [ ] No [X]

	1 Class number * 200	Description	2 Undepreciated capital cost at the beginning of the year (amount from column 12 of last year's schedule 8) 201	3 Cost of acquisitions during the year (new property must be available for use) (see note 1 below) 203	4 Adjustments and transfers (see note 2 below) 205	5 Proceeds of dispositions during the year (amount not to exceed the capital cost) 207	6 50% rule (1/2 of the amount, if any, by which the net cost of acquisitions exceeds column 5) (see notes 3 and 7 below) 211	7 Reduced undepreciated capital cost (column 2 plus column 3 plus or minus column 4 minus column 5 minus column 6) (see note 7 below)	8 CCA rate % (see note 4 below) 212	9 Recapture of capital cost allowance (line 107 of Schedule 1) (see note 5 below) 213	10 Terminal loss (line 404 of Schedule 1) 215	11 Capital cost allowance (for declining balance method, column 7 multiplied by column 8, or a lower amount) (line 403 of Schedule 1) (see notes 6 and 7 below) 217	12 Undepreciated capital cost at the end of the year (column 6 plus column 7 minus column 11) 220
1.	1		171,747,810			0		171,747,810	4	0	0	6,869,912	164,877,898
2.	1b		22,850,130	2,214,088		0	1,107,044	24,962,202	6	0	0	1,497,732	23,566,486
3.	2	Dist equip pre 88	52,742,586			0		52,742,586	6	0	0	3,164,555	49,578,031
4.	3	buildings pre 88	8,294,060			0		8,294,060	5	0	0	414,703	7,879,357
5.	8		13,786,530	2,890,545		3,775	1,443,385	15,278,658	20	0	0	3,055,732	13,617,568
6.	10		4,298,618	236,821		45,685	95,568	4,498,234	30	0	0	1,349,470	3,140,284
7.	12		6,919,829	1,604,249		0	624,352	7,899,726	100	0	0	7,899,726	624,352
8.	42		1,022,274	564,474		0	282,237	1,347,429	12	0	0	161,691	1,425,057
9.	43.2	SOLAR ASSETS	10,696			0		10,696	50	0	0	5,348	5,348
10.	45		4,349			0		4,349	45	0	0	1,957	2,392
11.	47		480,983,521	86,076,026		0	43,038,013	538,274,566	8	0	0	43,061,965	523,997,582
12.	50		1,135,192	1,996,122		0	998,061	2,170,378	55	0	0	1,193,708	1,937,606
13.	14.1	Pre 2017 ECE	11,592,459			0		11,592,459	5	0	0	811,472	10,780,987
14.	14.1	Land Rights / Line connection	597,691	2,174,141		0	1,087,071	1,684,761	5	0	0	84,238	2,687,594
		Totals	775,985,745	97,756,466		49,460	48,675,731	840,507,914				69,572,209	804,120,542

* Class numbers followed by a letter indicate the basic rate of the class taking into account the additional deduction allowed.
Class 1a: 4% + 6% = 10% (class 1 to 10%), class 1b: 4% + 2% = 6% (class 1 to 6%).

Note 1. Include any property acquired in previous years that has now become available for use. This property would have been previously excluded from column 3. List separately any acquisitions that are not subject to the 50% rule, see Regulation 1100(2) and (2.2).

Note 2. Enter in column 4, "Adjustments and transfers", amounts that increase or reduce the undepreciated capital cost. Items that increase the undepreciated capital cost include amounts transferred under section 85, or transferred on amalgamation or winding-up of a subsidiary. Items that reduce the undepreciated capital cost include government assistance received or entitled to be received in the year, or a reduction of capital cost after the application of section 80. See the T2 Corporation Income Tax Guide for other examples of adjustments and transfers to include in column 4.

Note 3. The net cost of acquisitions is the cost of acquisitions (column 3) plus or minus certain adjustments and transfers from column 4. For information on the exceptions to the 50% rule, as well as how to calculate the amounts to enter in column 6 in those cases, see Interpretation Bulletin IT-285, Capital Cost Allowance - General Comments.

Note 4. Enter a rate only if you are using the declining balance method. For any other method (for example the straight-line method, where calculations are always based on the cost of acquisitions), enter N/A. Then enter the amount you are claiming in column 11.

Note 5. For every entry in column 9, "Recapture of capital cost allowance", there must be a corresponding entry in column 5, "Proceeds of dispositions during the year". The recapture and terminal loss rules do not apply to passenger vehicles in Class 10.1.

Note 6. If the tax year is shorter than 365 days, prorate the CCA claim. Some classes of property do not have to be prorated. See the T2 Corporation Income Tax Guide for more information.

Note 7. At the time the program was released, the official CRA Schedule 8 had not yet been updated to take into account the new measures added to subsection 1100(2) ITR, as proposed in the Notice of Ways and Means Motion to amend the Income Tax Act and the Income Tax Regulations published on November 21, 2018. Therefore, the amounts calculated in columns 6 and 7 do not reflect these new measures. However, the CCA amount calculated in column 12 takes these new measures into account.

T2 SCH 8 (17)

Canada

Fixed Assets Reconciliation

Reconciliation of change in fixed assets per financial statements to amounts used per tax return.

Tax return

Additions for tax purposes – Schedule 8 regular classes		97,756,466		
Additions for tax purposes – Schedule 8 leasehold improvements	+			
Operating leases capitalized for book purposes	+			
Capital gain deferred	+			
Recapture deferred	+			
Deductible expenses capitalized for book purposes – Schedule 1	+			
Other (specify):				
Increase in CIP from 2017 to 2018	+	68,687,714		
AFUDC	+	2,495,854		
Land	+	3,509		
Impairment - NBV	+	603,201		
Rounding	+	445		
Total additions per books	=	169,547,189	▶	169,547,189
Proceeds up to original cost – Schedule 8 regular classes		49,460		
Proceeds up to original cost – Schedule 8 leasehold improvements	+			
Proceeds in excess of original cost – capital gain	+			
Recapture deferred – as above	+			
Capital gain deferred – as above	+			
Pre V-day appreciation	+			
Other (specify):				
	+			
Total proceeds per books	=	49,460	▶ –	49,460
Depreciation and amortization per accounts – Schedule 1			–	46,707,000
Loss on disposal of fixed assets per accounts			–	871,729
Gain on disposal of fixed assets per accounts			+	
Net change per tax return			=	121,919,000

Financial statements

Fixed assets (excluding land) per financial statements

Closing net book value		1,065,002,000
Opening net book value	–	943,083,000
Net change per financial statements	=	121,919,000

If the amounts from the tax return and the financial statements differ, explain why below.

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SCHEDULE 9

RELATED AND ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Complete this schedule if the corporation is related to or associated with at least one other corporation.
- For more information, see the T2 Corporation Income Tax Guide.

	Name 100	Country of residence (other than Canada) 200	Business number (see note 1) 300	Relationship code (see note 2) 400	Number of common shares you own 500	% of common shares you own 550	Number of preferred shares you own 600	% of preferred shares you own 650	Book value of capital stock 700
1.	Hydro Ottawa Holding Inc./Societe		89411 0816 RC0001	1					
2.	Energy Ottawa Inc./Energie Ottawa		86338 9961 RC0001	3					
3.	Telecom Ottawa Holding Inc. / Soci		86202 9337 RC0001	3					
4.	PowerTrail Inc.		82829 3944 RC0001	3					
5.	Moose Creek Energy Inc.		82851 1311 RC0001	3					
6.	Chaudiere Hydro Inc. Hydro Chaudi		81281 3103 RC0001	3					
7.	Chaudiere Water Power Inc/Energie		10093 1955 RC0001	3					
8.	2425932 ONTARIO INC.		80053 3846 RC0001	3					
9.	CHAUDIERE HYDRO NORTH INC.		79821 6321 RC0001	3					
10.	EO GENERATION GP INC.		83966 8308 RC0001	3					
11.	THE GANANOQUE WATER POWER		10521 4068 RC0001	3					
12.	SOLARTRAIL GP INC.		81087 4164 RC0001	3					
13.	EONY GENERATION HOLDING INC.	US	NR	3					
14.	EONY GENERATION LIMITED	US	NR	3					
15.	9927891 CANADA INC.		74962 8699 RC0001	3					
16.	CPS CURRENT POWER SERVICES (		78232 7522 RC0001	3					
17.	ENERGY OTTAWA CABLE TESTING		74276 6892 RC0001	3					
18.	HULL ENERGY GP INC.		74882 0321 RC0001	3					
19.	Smart City Lighting Inc.		79280 8719 RC0001	3					
20.	Envari Holding Inc.		72236 3918 RC0001	3					
21.	Envari Energy Solutions Inc.		72236 3710 RC0001	3					

Note 1: Enter "NR" if the corporation is not registered or does not have a business number.
Note 2: Enter the code number of the relationship that applies from the following order: 1 - Parent 2 - Subsidiary 3 - Associated 4 - Related but not associated

T2 SCH 9 (11)

Canada

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SCHEDULE 13

CONTINUITY OF RESERVES

Name of corporation	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- For use by corporations to provide a continuity of all reserves claimed which are allowed for tax purposes.
- File one completed copy of this schedule with the corporation's T2 Corporation Income Tax Return.
- For more information, see the T2 Corporation Income Tax Guide.

Part 1 – Capital gains reserves

	Description of property 001	Balance at the beginning of the year $ 002	Transfer on an amalgamation or the wind-up of a subsidiary $ 003	Add $	Deduct $	Balance at the end of the year $ 004
1						
	Totals	008	009			010

The amount from line 008 plus the amount from line 009 should be entered on line 880 of Schedule 6, Summary of Dispositions of Capital Property. The amount from line 010 should be entered on line 885 of Schedule 6.

Part 2 – Other reserves

Description	Balance at the beginning of the year $	Transfer on an amalgamation or the wind-up of a subsidiary $	Add $	Deduct $	Balance at the end of the year $
Reserve for doubtful debts .... [X]	110 2,370,974	115		3,262	120 2,367,712
Reserve for undelivered goods and services not rendered ...... [ ]	130	135			140
Reserve for prepaid rent .... [ ]	150	155			160
Reserve for refundable containers .. [ ]	190	195			200
Reserve for unpaid amounts ..... [ ]	210	215			220
Other tax reserves .... [ ]	230	235			240
Totals	270 2,370,974	275		3,262	280 2,367,712

Enter "X" in the column above if the tax reserve has also been reported on the corporation's financial statements. This allows offsetting entries on Schedule 1, resulting in a zero effect on net income for tax purposes.

The amount from line 270 plus the amount from line 275 should be entered on line 125 of Schedule 1, Net Income (Loss) for Income Tax Purposes, as an addition. The amount from line 280 should be entered on line 413 of Schedule 1 as a deduction.

Continuity of financial statement reserves (not deductible)

Financial statement reserves (not deductible)

	Description	Balance at the beginning of the year	Transfer on an amalgamation or the wind-up of a subsidiary	Add	Deduct	Balance at the end of the year
1	Allowance for Doubtful Debts					
2	Contingent Liability	812,870			447,316	365,554
3						
	Reserves from Part 2 of Schedule 13	2,370,974			3,262	2,367,712
	Totals	3,183,844			450,578	2,733,266

The total opening balance plus the total transfers should be entered on line 414 of Schedule 1 as a deduction.
The total closing balance should be entered on line 126 of Schedule 1 as an addition.

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Schedule 15

Deferred Income Plans

Corporation's name	Business number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Complete the information below if the corporation deducted payments from its income made to a registered pension plan (RPP), a registered supplementary unemployment benefit plan (RSUBP), a deferred profit sharing plan (DPSP), a pooled registered pension plan (PRPP), or an employee profit sharing plan (EPSP).
- If the trust that governs an employee profit sharing plan is not resident in Canada, please indicate if the T4PS, Statement of Employees Profit Sharing Plan Allocations and Payments, Supplementary slip(s) were filed for the last calendar year, and whether they were filed by the trustee or the employer.

	Type of plan (see note 1) 100	Amount of contribution $ (see note 2) 200	Registration number (RPP, RSUBP, PRPP, and DPSP only) 300	Name of EPSP trust 400	Address of EPSP trust 500	T4PS slip(s) (see note 3) 600
1	1	5,905,000	345983			

Note 1

Enter the applicable code number:

1 – RPP
2 – RSUBP
3 – DPSP
4 – EPSP
5 – PRPP

Note 2

You do not need to add to Schedule 1 any payments you made to deferred income plans.
To reconcile such payments, calculate the following amount:

Total of all amounts indicated in column 200 of this schedule . . . . 5,905,000 A

Less:

Total of all amounts for deferred income plans deducted in your financial statements . . . . . 5,905,000 B

Deductible amount for contributions to deferred income plans
(amount A minus amount B) (if negative, enter "0") C

Enter amount C on line 417 of Schedule 1

Note 3

T4PS slip(s) filed by: 1 – Trustee
2 – Employer
(EPSP only)

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Schedule 23

Agreement Among Associated Canadian-Controlled Private Corporations to Allocate the Business Limit

- For use by a Canadian-controlled private corporation (CCPC) to identify all associated corporations and to assign a percentage for each associated corporation. This percentage will be used to allocate the business limit for purposes of the small business deduction. Information from this schedule will also be used to determine the date the balance of tax is due and to calculate the reduction to the business limit.
- An associated CCPC that has more than one tax year ending in a calendar year is required to file an agreement for each tax year ending in that calendar year.

Column 1: Enter the legal name of each of the corporations in the associated group, including those deemed to be associated under subsection 256(2) of the Income Tax Act.

Column 2: Provide the business number for each corporation (if a corporation is not registered, enter "NR").

Column 3: Enter the association code from the list below that applies to each corporation:

1 – Associated for purposes of allocating the business limit (unless association code 5 applies)
2 – CCPC that is a third corporation as referred to in subsection 256(2) and has filed Schedule 28, Election not to be Associated Through a Third Corporation
3 – Non-CCPC that is a third corporation
4 – Associated non-CCPC
5 – Associated CCPC to which association code 1 does not apply because a third corporation has filed Schedule 28

Column 4: Enter the business limit for the year of each corporation in the associated group. Enter "0" if the corporation has association code 2, 3 or 4 in column 3 (except if the corporation is a cooperative or a credit union eligible for the SBD and it has association code 4).

Column 5: Assign a percentage to allocate the business limit to each corporation that has association code 1 in column 3. The total of all percentages in column 5 cannot exceed 100%.

Column 6: Enter the business limit allocated to each corporation by multiplying the amount in column 4 by the percentage in column 5. Add all business limits allocated in column 6 and enter the total at line A.

Ensure that the total at line A does not exceed $500,000.

Allocating the business limit

Date filed (do not use this area) . . . . . 025 Year Month Day

Enter the calendar year to which the agreement applies . . . . . 050 Year 2018

Is this an amended agreement for the above calendar year that is intended to replace an agreement previously filed by any of the associated corporations listed below? . . . . . 075 ☐ Yes ☒ No

	1 Name of associated corporations 100	2 Business number of associated corporations 200	3 Association code 300	4 Business limit for the year before the allocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400
1	Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	1	500,000	100.0000	500,000
2	Hydro Ottawa Holding Inc./Societe De Portefe	89411 0816 RC0001	1	500,000		
3	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	1	500,000		
4	Telecom Ottawa Holding Inc. / Societe De Port	86202 9337 RC0001	1	500,000		
5	PowerTrail Inc.	82829 3944 RC0001	1	500,000		
6	Moose Creek Energy Inc.	82851 1311 RC0001	1	500,000		
7	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	1	500,000		
8	Chaudiere Water Power Inc/Energie Hydrauliqu	10093 1955 RC0001	1	500,000		
9	2425932 ONTARIO INC.	80053 3846 RC0001	1	500,000		
10	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	1	500,000		
11	EO GENERATION GP INC.	83966 8308 RC0001	1	500,000		
12	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	1	500,000		
13	SOLARTRAIL GP INC.	81087 4164 RC0001	1	500,000		
14	EONY GENERATION HOLDING INC.	NR	4			
15	EONY GENERATION LIMITED	NR	4			
16	9927891 CANADA INC.	74962 8699 RC0001	1	500,000		
17	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	1	500,000		
18	ENERGY OTTAWA CABLE TESTING SERVICES I	74276 6892 RC0001	1	500,000		

	1 Name of associated corporations 100	2 Business number of associated corporations 200	3 Asso-ciation code 300	4 Business limit for the year before the allocation $	5 Percentage of the business limit % 350	6 Business limit allocated* $ 400	
19	HULL ENERGY GP INC.	74882 0321 RC0001	1	500,000			
20	Smart City Lighting Inc.	79280 8719 RC0001	1	500,000			
21	Envari Holding Inc.	72236 3918 RC0001	1	500,000			
22	Envari Energy Solutions Inc.	72236 3710 RC0001	1	500,000			
				Total	100.0000	500,000	A

Business limit reduction under subsection 125(5.1) of the Act

The business limit reduction is calculated in the small business deduction area of the T2 return. One of the factors used in this calculation is the "large corporation amount" at line 415 of the T2 return. The amount at line 415 is determined using the formula 0.225% x (D - $10,000,000). Details of this formula and variable D are in subsection 125(5.1) of the Act.

* Each corporation will enter on line 410 of the T2 return, the amount allocated to it in column 6. However, if the corporation's tax year is less than 51 weeks, prorate the amount in column 6 by the number of days in the tax year divided by 365, and enter the result on line 410 of the T2 return.

Special rules for business limit

Special rules apply under subsection 125(5) if a CCPC has more than one tax year ending in the same calendar year and it is associated in more than one of those tax years with another CCPC that has a tax year ending in that calendar year. The business limit for the second or later tax year will be equal to the business limit determined for the first tax year ending in the calendar year or the business limit determined for the second or later tax year ending in the same calendar year, whichever is less.

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Schedule 31

Investment Tax Credit – Corporations

General information

- Use this schedule:
  - to calculate an investment tax credit (ITC) earned during the tax year;
  - to claim a deduction against Part I tax payable;
  - to claim a refund of credit earned during the current tax year;
  - to claim a carryforward of credit from previous tax years;
  - to transfer a credit following an amalgamation or the wind-up of a subsidiary, as described under subsections 87(1) and 88(1);
  - to request a credit carryback to one or more previous years;
  - if you are subject to a recapture of ITC; or
  - if you are claiming:
    - the Ontario Research and Development Tax Credit;
    - the Ontario Innovation Tax Credit.
- Unless otherwise stated, all legislative references are to the Income Tax Act and the Income Tax Regulations.
- The ITC is eligible for a three-year carryback (if not deductible in the year earned). It is also eligible for a twenty-year carryforward.
- Investments or expenditures, described in subsection 127(9) and Regulation Part XLVI, that earn an ITC are:
  - qualified property and qualified resource property (Parts 4 to 7 of this schedule);
  - qualified scientific research and experimental development (SR&ED) expenditures (Parts 8 to 17). File Form T661, Scientific Research and Experimental Development (SR&ED) Expenditures Claim;
  - pre-production mining expenditures (Parts 18 to 20);
  - apprenticeship job creation expenditures (Parts 21 to 23); and
  - child care spaces expenditures (Parts 24 to 28).
    - Expenditures related to child care spaces incurred after March 21, 2017 no longer qualify for the investment tax credit. If you entered into a written agreement before March 22, 2017, eligible expenditures incurred before 2020 will remain eligible for the credit.
- File this schedule with the T2 Corporation Income Tax Return. If you need more space, attach additional schedules.
- For more information on ITCs, see "Investment Tax Credit" in Guide T4012, T2 Corporation – Income Tax Guide and read Information Circular IC78-4, Investment Tax Credit Rates, and its related Special Release.
- For more information on SR&ED, see guide T4088, Guide to Form T661 – Scientific Research and Experimental Development (SR&ED) Expenditures Claim.

Detailed information

- For the purpose of this schedule, investment means the capital cost of the property (excluding amounts added by an election under section 21), determined without reference to subsections 13(7.1) and 13(7.4), minus the amount of any government or non-government assistance that the corporation has received, is entitled to receive, or can reasonably be expected to receive for that property when it files the income tax return for the year in which the property was acquired.
- An ITC deducted or refunded in a tax year for a depreciable property, other than a depreciable property deductible under paragraph 37(1)(b), reduces both the capital cost of that property and the undepreciated capital cost of that class in the next tax year. An ITC for SR&ED deducted or refunded in a tax year will reduce the balance in the pool of deductible SR&ED expenditures and the adjusted cost base (ACB) of an interest in a partnership in the next tax year. An ITC from pre-production mining expenditures deducted in a tax year reduces the balance in the pool of deductible cumulative Canadian exploration expenses in the next tax year.
- Property acquired has to be available for use before a claim for an ITC can be made. See subsections 127(11.2) and 248(19) for more information.
- Expenditures for SR&ED and capital costs for a property qualifying for an ITC must be identified by the claimant on Form T661 and Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Expenditures for pre-production mining, apprenticeship, or child care space for an ITC must be identified by the claimant on Schedule 31 no later than 12 months after the claimant's income tax return is due for the tax year in which it incurred the expenditures or capital costs.
- Partnership allocations – Subsection 127(8) provides for the allocation of the amount that may reasonably be considered to be a partner's share of the ITCs of the partnership at the end of the fiscal period of the partnership. An allocation of ITCs is generally considered to be the partner's reasonable share of the ITCs if it is made in the same proportion in which the partners have agreed to share any income or loss and if section 103 is not applicable for the agreement to share any income or loss. Special rules apply to specified members of a partnership and limited partners. For more information, see Guide T4068, Guide for the Partnership Information Return.
- For tax purposes, Canada includes the exclusive economic zone of Canada as defined in the Oceans Act (which generally consists of an area of the sea that is within 200 nautical miles from the Canadian coastline), including the airspace, seabed and subsoil of that zone.
- For the purpose of this schedule, the expression Atlantic Canada includes the Gaspé Peninsula and the provinces of Newfoundland and Labrador, Prince Edward Island, Nova Scotia, and New Brunswick, as well as their respective offshore regions (prescribed in Regulation 4609).
- For the purpose of this schedule, qualified property means property in Atlantic Canada that is used primarily for manufacturing and processing, farming or fishing, logging, storing grain, or harvesting peat. Property in Atlantic Canada that is used primarily for oil and gas, and mining activities is considered qualified property only if acquired by the taxpayer before March 29, 2012. Qualified property includes new buildings and new machinery and equipment (prescribed in Regulation 4600), and if acquired by the taxpayer after March 28, 2012, new energy generation and conservation property (prescribed in Regulation 4600). Qualified property can also be used primarily to produce or process electrical energy or steam in a prescribed area (as described in Regulation 4610). See the definition of qualified property in subsection 127(9) for more information.

Detailed information (continued)

- For the purpose of this schedule, qualified resource property means property in Atlantic Canada that is used primarily for oil and gas, and mining activities, if acquired by the taxpayer after March 28, 2012, and before January 1, 2016. Qualified resource property includes new buildings and new machinery and equipment (prescribed in Regulation 4600). See the definition of qualified resource property in subsection 127(9) for more information.
- For the purpose of this schedule, pre-production mining exploration expenditures are pre-production mining expenditures incurred after March 28, 2012, by the taxpayer to determine the existence, location, extent, or quality of certain mineral resources in Canada, excluding expenses incurred in the exploration of an oil or gas well. See subparagraph (a)(i) of the definition of pre-production mining expenditure in subsection 127(9) for more information.
- For the purpose of this schedule, pre-production mining development expenditures are pre-production mining expenditures incurred after March 28, 2012, by the taxpayer to bring a new mineral resource mine in Canada into production, excluding expenses in the development of a bituminous sands deposit or an oil shale deposit. See subparagraph (a)(ii) of the definition of pre-production mining expenditure in subsection 127(9) for more information.

Part 1 – Investments, expenditures, and percentages

Investments	Specified percentage
Qualified property acquired primarily for use in Atlantic Canada	10 %
Qualified resource property acquired primarily for use in Atlantic Canada and acquired:	
– after March 28, 2012, and before 2014	10 %
– after 2013 and before 2016	5 %
– after 2015*	0 %
Expenditures	
If you are a Canadian-controlled private corporation (CCPC), this percentage may apply to the portion that you claim of the SR&ED qualified expenditure pool that does not exceed your expenditure limit (see Part 10)	35 %
Note: If your current year's qualified expenditures are more than your expenditure limit (see Part 10), the excess is eligible for an ITC calculated at the 15 % rate.	
If you are a corporation that is not a CCPC and have incurred qualified expenditures for SR&ED in any area in Canada:	
– before 2014**	20 %
– after 2013**	15 %
If you are a taxable Canadian corporation that incurred pre-production mining expenditures before March 29, 2012	10 %
If you are a taxable Canadian corporation that incurred pre-production mining exploration expenditures:	
– after March 28, 2012, and before 2013	10 %
– in 2013	5 %
– after 2013	0 %
If you are a taxable Canadian corporation that incurred pre-production mining development expenditures***:	
– after March 28, 2012, and before 2014	10 %
– in 2014	7 %
– in 2015	4 %
– after 2015	0 %
If you paid salary and wages to apprentices in the first 24 months of their apprenticeship contract for employment	10 %
If you incurred expenditures after March 18, 2007 and before March 22, 2017 (or before 2020 if you entered into a written agreement before March 22, 2017) for the creation of licensed child care spaces for the children of your employees and, potentially, for other children	25 %

* A transitional relief rate of 10% may apply to property acquired after 2013 and before 2017, if the property is acquired under a written agreement entered into before March 29, 2012, or the property is acquired as part of a phase of a project where the construction or the engineering and design work for the construction started before March 29, 2012. See paragraph (a.1) of the definition of specified percentage in subsection 127(9) for more information.

** The reduction of the rate from 20% to 15% applies to 2014 and later tax years, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013.

*** A transitional relief rate may apply to expenditures incurred after 2013 and before 2016, if the expenditure is incurred under a written agreement entered into before March 29, 2012, or the expenditure is incurred as part of the development of a new mine where the construction or the engineering and design work for the construction of the new mine started before March 29, 2012. See subparagraphs (k)(ii) and (iii) of the definition of specified percentage in subsection 127(9) for more information.

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

Part 2 – Determination of a qualifying corporation

Is the corporation a qualifying corporation? . . . . . 101 1 Yes [ ] 2 No [X]

For the purpose of a refundable ITC, a qualifying corporation is defined under subsection 127.1(2). The corporation has to be a CCPC and its taxable income (before any loss carrybacks) for its previous tax year cannot be more than its qualifying income limit for the particular tax year. If the corporation is associated with any other corporations during the tax year, the total of the taxable incomes of the corporation and the associated corporations (before any loss carrybacks), for their last tax year ending in the previous calendar year, cannot be more than their qualifying income limit for the particular tax year.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered not associated for the calculation of a refundable ITC if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of both corporations; and
- one of the corporations has at least one shareholder who is not common to both corporations.

If you are a qualifying corporation, you will earn a 100% refund on your share of any ITCs earned at the 35% rate on qualified current expenditures for SR&ED, up to the allocated expenditure limit. The 100% refund does not apply to qualified capital expenditures eligible for the 35% credit rate. They are only eligible for the 40% refund*.

Some CCPCs that are not qualifying corporations may also earn a 100% refund on their share of any ITCs earned at the 35% rate on qualified current expenditures for SR&ED, up to the allocated expenditure limit. The expenditure limit can be determined in Part 10. The 100% refund does not apply to qualified capital expenditures eligible for the 35% credit rate. They are only eligible for the 40% refund*.

The 100% refund will not be available to a corporation that is an excluded corporation as defined under subsection 127.1(2). A corporation is an excluded corporation if, at any time during the year, it is a corporation that is either controlled by (directly or indirectly, in any manner whatever) or is related to:

a) one or more persons exempt from Part I tax under section 149;
b) Her Majesty in right of a province, a Canadian municipality, or any other public authority; or
c) any combination of persons referred to in a) or b) above.

* Capital expenditures incurred after December 31, 2013, including lease payments for property that would have been a capital expenditure if purchased directly, are not qualified SR&ED expenditures and are not eligible for an ITC on SR&ED expenditures.

Part 3 – Corporations in the farming industry

Complete this area if the corporation is making SR&ED contributions.

Is the corporation claiming a contribution in the current year to an agricultural organization whose goal is to finance SR&ED work (for example, check-off dues)? . . . . . 102 1 Yes [ ] 2 No [X]

If yes, complete Schedule 125, Income Statement Information, to identify the type of farming industry the corporation is involved in.

Contributions to agricultural organizations for SR&ED* . . . . . 103 ______
Enter on line 350 of Part 8.

* Enter only contributions not already included on Form T661.
Include 80% of the contributions made after 2012. For contributions made before 2013, include all of the contributions.

Qualified Property and Qualified Resource Property

Part 4 – Eligible investments for qualified property and qualified resource property from the current tax year

Capital cost allowance class number 105	Description of investment 110	Date available for use 115	Location used in Atlantic Canada (province) 120	Amount of investment 125

Total of investments for qualified property and qualified resource property ______ A1

Part 5 – Current-year credit and account balances – ITC from investments in qualified property and qualified resource property

ITC at the end of the previous tax year			B1
Credit deemed as a remittance of co-op corporations	210		
Credit expired	215		
Subtotal (line 210 plus line 215)		▶	C1
ITC at the beginning of the tax year (amount B1 minus amount C1)		220	
Credit transferred on an amalgamation or the wind-up of a subsidiary	230		
ITC from repayment of assistance	235		
Qualified property; and qualified resource property acquired after March 28, 2012, and before January 1, 2014* (applicable part from amount A1 in Part 4) ______ x 10 % =	240		
Qualified resource property acquired after December 31, 2013, and before January 1, 2016 (applicable part from amount A1 in Part 4) ______ x 5 % =	242		
Credit allocated from a partnership	250		
Subtotal (total of lines 230 to 250)		▶	D1
Total credit available (line 220 plus amount D1)			E1
Credit deducted from Part I tax	260		
Credit carried back to previous years (amount H1 in Part 6)	a		
Credit transferred to offset Part VII tax liability	280		
Subtotal (total of line 260, amount a, and line 280)		▶	F1
Credit balance before refund (amount E1 minus amount F1)			G1
Refund of credit claimed on investments from qualified property and qualified resource property (from Part 7)		310	
ITC closing balance of investments from qualified property and qualified resource property (amount G1 minus line 310)		320	

* Include investments acquired after 2013 and before 2017 that are eligible for transitional relief.

Part 6 – Request for carryback of credit from investments in qualified property and qualified resource property

	Year	Month	Day			
1st previous tax year				Credit to be applied	901	
2nd previous tax year				Credit to be applied	902	
3rd previous tax year				Credit to be applied	903	
				Total of lines 901 to 903 Enter at amount a in Part 5.		H1

Part 7 – Refund of ITC for qualifying corporations on investments from qualified property and qualified resource property

Current-year ITCs (total of lines 240, 242, and 250 in Part 5)	I1
Credit balance before refund (from amount G1 in Part 5)	J1
Refund (40 % of amount I1 or J1, whichever is less)	K1

Enter amount K1 or a lesser amount on line 310 in Part 5 (also enter on line 780 of the T2 return if you do not claim an SR&ED ITC refund).

SR&ED

Part 8 – Qualified SR&ED expenditures

Current expenditures (from line 557 on Form T661) . . . .

Contributions to agricultural organizations for SR&ED . . . .

Deduct:

Government assistance, non-government assistance, or contract payment . . . .

Contributions to agricultural organizations for SR&ED for the federal ITC (this amount is updated to line 103 of Part 3. For more details, consult the Help.)* . . . . + ▶

Current expenditures (line 557 on Form T661 plus line 103 in Part 3)* . . . . ▶ 350

Capital expenditures incurred before 2014 (from line 558 on Form T661)** 360

Repayments made in the year (from line 560 on Form T661) 370

Qualified SR&ED expenditures (total of lines 350 to 370) 380

* If you are claiming only contributions made to agricultural organizations for SR&ED, line 350 should equal line 103 in Part 3. Do not file Form T661.

** Capital expenditures incurred after December 31, 2013, are not qualified SR&ED expenditures. Capital cost allowance can be claimed for depreciable property acquired for use in SR&ED after 2013.

Part 9 – Components of the SR&ED expenditure limit calculation

Part 9 only applies if you are a CCPC.

Note: A CCPC considered associated with another corporation under subsection 256(1) will be considered not associated for the calculation of an SR&ED expenditure limit if:

- one corporation is associated with another corporation solely because one or more persons own shares of the capital stock of the corporation; and
- one of the corporations has at least one shareholder who is not common to both corporations.

Is the corporation associated with another CCPC for the purpose of calculating the SR&ED expenditure limit? . . . . 385 1 Yes ☐ 2 No ☒

If you answered no to the question on line 385 or if you are not associated with any other corporations, complete lines 390 and 398.
If you answered yes, the amounts for associated corporations will be determined on Schedule 49.

Enter your taxable income for the previous tax year* (prior to any loss carrybacks applied) 390 16,157,263

Enter your taxable capital employed in Canada for the previous tax year 928,950,812
minus $10 million. If this amount is nil or negative, enter "0".
If this amount is over $40 million, enter $40 million 398 40,000,000

* If the tax year referred to on line 390 is less than 51 weeks, multiply the taxable income by the following result: 365 divided by the number of days in that tax year.

Part 10 – SR&ED expenditure limit for a CCPC

For a stand-alone (not associated) corporation: $ 8,000,000

Taxable income for the previous tax year (line 390 in Part 9) or $500,000, whichever is more 16,157,263 x 10 = 161,572,630 A2

Excess ($8,000,000 minus amount A2; if negative, enter "0") B2

$ 40,000,000 minus line 398 in Part 9 . . . . b

Amount b divided by $ 40,000,000 . . . . C2

Expenditure limit for the stand-alone corporation (amount B2 multiplied by amount C2)* D2

For an associated corporation:

If associated, the allocation of the SR&ED expenditure limit, as provided on Schedule 49* 400 E2

If your tax year is less than 51 weeks, calculate the amount of the expenditure limit as follows:

Amount D2 or E2 ______ x Number of days in the tax year 365 / 365 = ... F2

Your SR&ED expenditure limit for the year (enter amount D2, E2, or F2, whichever applies) 410

* Amount D2 or E2 cannot be more than $3,000,000.

Part 11 – Investment tax credits on SR&ED expenditures

Current expenditures (from line 350 in Part 8) or the expenditure limit (from line 410 in Part 10), whichever is less* . . . . 420 ______ x 35 % = ______ G2

Line 350 minus line 410 (if negative, enter "0") . . . . 430 ______

Amount from line 430 ______ x (Number of days in the tax year before 2014 / Number of days in the tax year) x 20% = ______ c

Amount from line 430** ______ x (Number of days in the tax year after 2013 / Number of days in the tax year) 365 / 365 x 15 % = ______ d

Subtotal (amount c plus amount d) . . . . ______ ▶ ______ H2

Line 410 minus line 350 (if negative, enter "0") . . . . ______ e

Capital expenditures (line 360 in Part 8) or amount e, whichever is less* . . . . 440 ______ x 35 % = ______ I2

Line 360 minus amount e (if negative, enter "0") . . . . 450 ______

Amount from line 450 ______ x (Number of days in the tax year before 2014 / Number of days in the tax year) x 20% = ______ f

Amount from line 450** ______ x (Number of days in the tax year after 2013 / Number of days in the tax year) 365 / 365 x 15 % = ______ g

Subtotal (amount f plus amount g) . . . . ______ ▶ ______ J2

If a corporation makes a repayment of any government or non-government assistance, or contract payments that reduced the amount of qualified expenditures for ITC purposes, the amount of the repayment is eligible for a credit.

Repayments (amount from line 370 in Part 8) . . . . . ______

Enter the amount of the repayment on the line that corresponds to the appropriate rate.

Repayment of assistance that reduced a qualifying expenditure for a CCPC*** . . . . 460 ______ x 35 % = ______ h

Repayment of assistance made after September 16, 2016 that reduced a qualifying expenditure incurred before 2015 . . . . 480 ______ x 20 % = ______ i

Repayment of assistance made after September 16, 2016 that reduced a qualifying expenditure incurred after 2014 . . . . . 490 ______ x 15 % = ______ j

Subtotal (add amounts h to j) ______ ▶ ______ K2

Current-year SR&ED ITC (total of amounts G2 to K2; enter on line 540 in Part 12) . . . . ______ L2

* For corporations that are not CCPCs, enter "0" for amounts G2 and I2.

** For tax years that end after 2013, the general SR&ED ITC rate is reduced from 20% to 15%, except that, for 2014 tax years that start before 2014, the reduction is pro-rated based on the number of days in the tax year that are after 2013. For tax years that have a start date after 2013, multiply the amount by 15%.

*** If you were a Canadian-controlled private corporation (CCPC), this percentage was applied to the portion that you claimed of the SR&ED qualified expenditure pool that did not exceed your expenditure limit at the time. This percentage includes the rate under subsection 127(10.1), additions to investment tax credit. See subsection 127(10.1) for details about exceptions. For expenditures not eligible for this rate use line 480 or 490 as appropriate.

Part 12 – Current-year credit and account balances – ITC from SR&ED expenditures

ITC at the end of the previous tax year				M2
Credit deemed as a remittance of co-op corporations	510			
Credit expired	515			
Subtotal (line 510 plus line 515)			▶	N2
ITC at the beginning of the tax year (amount M2 minus amount N2)			520	
Credit transferred on an amalgamation or the wind-up of a subsidiary	530			
Total current-year credit (from amount L2 in Part 11)	540			
Credit allocated from a partnership	550			
Subtotal (total of lines 530 to 550)			▶	O2
Total credit available (line 520 plus amount O2)				P2
Credit deducted from Part I tax	560			
Credit carried back to previous years (amount S2 in Part 13)		k		
Credit transferred to offset Part VII tax liability	580			
Subtotal (total of line 560, amount k, and line 580)			▶	Q2
Credit balance before refund (amount P2 minus amount Q2)				R2
Refund of credit claimed on SR&ED expenditures (from Part 14 or 15, whichever applies)			610	
ITC closing balance on SR&ED (amount R2 minus line 610)			620	

Part 13 – Request for carryback of credit from SR&ED expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	911	
2nd previous tax year				Credit to be applied	912	
3rd previous tax year				Credit to be applied	913	
				Total of lines 911 to 913 Enter at amount k in Part 12.		S2

Part 14 – Refund of ITC for qualifying corporations – SR&ED

Complete this part only if you are a qualifying corporation as determined on line 101 in Part 2.

Is the corporation an excluded corporation as defined under subsection 127.1(2)?	650	1 Yes [ ] 2 No [X]
Current-year ITC (lines 540 plus 550 in Part 12 minus amount K2 in Part 11)		l
Refundable credits (amount l or amount R2 in Part 12, whichever is less)*		T2
Amount T2 or amount G2 in Part 11, whichever is less		U2
Net amount (amount T2 minus amount U2; if negative, enter "0")		V2
Amount V2 multiplied by 40 %		W2
Amount U2		X2
Refund of ITC (amount W2 plus amount X2 – enter this, or a lesser amount, on line 610 in Part 12)		Y2

Enter the total of line 310 in Part 5 and line 610 in Part 12 on line 780 of the T2 return.

* If you are also an excluded corporation, as defined in subsection 127.1(2), this amount must be multiplied by 40%. Claim this, or a lesser amount, as your refund of ITC for amount Y2.

Part 15 – Refund of ITC for CCPCs that are not qualifying or excluded corporations – SR&ED

Complete this part only if you are a CCPC that is not a qualifying or excluded corporation as determined on line 101 in Part 2.

Credit balance before refund (amount R2 in Part 12)		Z2
Amount Z2 or amount G2 in Part 11, whichever is less		AA2
Net amount (amount Z2 minus amount AA2; if negative, enter "0")		BB2
Amount CC2 multiplied by 40 %		DD2
Amount AA2		EE2
Refund of ITC (amount DD2 plus amount EE2)		FF2

Recapture – SR&ED

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED

You will have a recapture of ITC in a year when all of the following conditions are met:

- you acquired a particular property in the current year or in any of the 20 previous tax years, and the credit was earned in a tax year ending after 1997 and did not expire before 2008;
- you claimed the cost of the property as a qualified expenditure for SR&ED on Form T661;
- the cost of the property was included in calculating your ITC or was the subject of an agreement made under subsection 127(13) to transfer qualified expenditures; and
- you disposed of the property or converted it to commercial use after February 23, 1998. This condition is also met if you disposed of or converted to commercial use a property that incorporates the particular property previously referred to.

Note:

The recapture does not apply if you disposed of the property to a non-arm's-length purchaser who intended to use it all or substantially all for SR&ED. When the non-arm's-length purchaser later sells or converts the property to commercial use, the recapture rules will apply to the purchaser based on the historical ITC rate of the original user.

You will report a recapture on the T2 return for the year in which you disposed of the property or converted it to commercial use. In the following tax year, add the amount of the ITC recapture to the SR&ED expenditure pool.

If you have more than one disposition for calculations 1 and 2, complete the columns for each disposition for which a recapture applies, using the calculation formats below.

Calculation 1 – If you meet all of the above conditions

Amount of ITC you originally calculated for the property you acquired, or the original user's ITC where you acquired the property from a non-arm's length party, as described in the note above 700	Amount calculated using ITC rate at the date of acquisition (or the original user's date of acquisition) on either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value of the property (in any other case) 710	Amount from column 700 or 710, whichever is less

Subtotal
Enter at amount C3 in Part 17. ______ A3

Calculation 2 – Only if you transferred all or a part of the qualified expenditure to another person under an agreement described in subsection 127(13); otherwise, enter nil on line B3.

A Rate that the transferee used in determining its ITC for qualified expenditures under a subsection 127(13) agreement 720	B Proceeds of disposition of the property if you dispose of it to an arm's length person; or, in any other case, enter the fair market value of the property at conversion or disposition 730	C Amount, if any, already provided for in Calculation 1 (This allows for the situation where only part of the cost of a property is transferred under a subsection 127(13) agreement.) 740	D Amount determined by the formula (A x B) – C	E ITC earned by the transferee for the qualified expenditures that were transferred 750	F Amount from column D or E, whichever is less

Subtotal (total of column F)
Enter at amount D3 in Part 17. ______ B3

Part 16 – Recapture of ITC for corporations and partnerships – SR&ED (continued)

Calculation 3

As a member of the partnership, you will report your share of the SR&ED ITC of the partnership after the SR&ED ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 550 in Part 12. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 760.

Corporate partner's share of the excess of SR&ED ITC **760** ____________
Enter at amount E3 in Part 17.

Part 17 – Total recapture of SR&ED investment tax credit

Recaptured ITC from calculation 1, amount A3 in Part 16		C3
Recaptured ITC from calculation 2, amount B3 in Part 16		D3
Recaptured ITC from calculation 3, line 760 in Part 16		E3
Total recapture of SR&ED investment tax credit (total of amounts C3 to E3) Enter at amount A8 in Part 29.		F3

Pre-Production Mining

Part 18 – Pre-production mining expenditures

Exploration information

A mineral resource that qualifies for the credit means a mineral deposit from which the principal mineral to be extracted is diamond, a base or precious metal deposit, or a mineral deposit from which the principal mineral to be extracted is an industrial mineral that, when refined, results in a base or precious metal.

In column 800, list all minerals for which pre-production mining expenditures have taken place in the tax year.

For each of the minerals reported in column 800, identify each project (in column 805), mineral title (in column 806), and mining division (in column 807) where title is registered. If there is no mineral title, identify only the project and mining division.

List of minerals 800	Project name 805

Mineral title 806	Mining division 807

Pre-production mining expenditures*

Exploration:

Pre-production mining expenditures that you incurred in the tax year (before January 1, 2014) for the purpose of determining the existence, location, extent, or quality of a mineral resource in Canada:

Prospecting . . . . . 810 ________

Geological, geophysical, or geochemical surveys . . . . . 811 ________

Drilling by rotary, diamond, percussion, or other methods . . . . . 812 ________

Trenching, digging test pits, and preliminary sampling . . . . . 813 ________

Development:

Pre-production mining expenditures incurred in the tax year for bringing a new mine in a mineral resource in Canada into production in reasonable commercial quantities and incurred before the new mine comes into production in such quantities:

Clearing, removing overburden, and stripping . . . . . 820 ________

Sinking a mine shaft, constructing an adit, or other underground entry . . . . . 821 ________

Other pre-production mining expenditures incurred in the tax year:

Description 825	Amount 826

Total of column 826 ________ ► ________ A4

Total pre-production mining expenditures (total of lines 810 to 821 and amount A4) . . . . . 830 ________

Total of all assistance (grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to on line 830 above . . . . . 832 ________

Excess (line 830 minus line 832) (if negative, enter "0") . . . . . ________ B4

Repayments of government and non-government assistance . . . . . 835 ________

Pre-production mining expenditures (amount B4 plus line 835) . . . . . ________ C4

* A pre-production mining expenditure is defined under subsection 127(9).

Part 19 – Current-year credit and account balances – ITC from pre-production mining expenditures

ITC at the end of the previous tax year D4

Credit deemed as a remittance of co-op corporations 841

Credit expired 845

Subtotal (line 841 plus line 845) ▶ E4

ITC at the beginning of the tax year (amount D4 minus amount E4) 850

Credit transferred on an amalgamation or the wind-up of a subsidiary 860

Pre-production mining expenditures* incurred before January 1, 2013 (applicable part from amount C4 in Part 18) . . 870 x 10 % = m

Pre-production mining exploration expenditures** incurred in 2013 (applicable part from amount C4 in Part 18) . . 872 x 5 % = n

Pre-production mining development expenditures incurred in 2014 (applicable part from amount C4 in Part 18) . . 874 x 7 % = o

Pre-production mining development expenditures incurred in 2015 (applicable part from amount C4 in Part 18) . . 876 x 4 % = p

Current year credit (total of amounts m to p) 880 ▶ F4

Total credit available (total of lines 850, 860, and amount F4) G4

Credit deducted from Part I tax 885

Credit carried back to previous years (amount I4 in Part 20) . . . . q

Subtotal (line 885 plus amount q) ▶ H4

ITC closing balance from pre-production mining expenditures (amount G4 minus amount H4) 890

* Also include pre-production mining development expenditures incurred before 2014 and pre-production mining development expenditures incurred after 2013 and before 2016 that are eligible for transitional relief.

** Also include pre-production mining development expenditures incurred in 2015 if the expense is described in subparagraph (a)(ii) of the definition pre-production mining expenditure in subsection 127(9) of the Act because of paragraph (g.4) of the definition Canadian exploration expense in subsection 66.1(6) of the Act.

Part 20 – Request for carryback of credit from pre-production mining expenditures

	Year	Month	Day			
1st previous tax year				. . . . Credit to be applied	921	
2nd previous tax year				. . . . Credit to be applied	922	
3rd previous tax year				. . . . Credit to be applied	923	

Total of lines 921 to 923 I4
Enter at amount q in Part 19.

Apprenticeship Job Creation

Part 21 – Total current-year credit – ITC from apprenticeship job creation expenditures

If you are a related person as defined under subsection 251(2), has it been agreed in writing that you are the only employer who will be claiming the apprenticeship job creation tax credit for this tax year for each apprentice whose contract number (or social insurance number (SIN) or name) appears below? (If not, you cannot claim the tax credit.) . . . . 611 1 Yes [X] 2 No [ ]

For each apprentice in their first 24 months of the apprenticeship, enter the apprenticeship contract number registered with Canada, or a province or territory, under an apprenticeship program designed to certify or license individuals in the trade. For the province, the trade must be a Red Seal trade. If there is no contract number, enter the SIN or the name of the eligible apprentice.

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
1.	[redacted]	[redacted]	23,000	2,300	2,000
2.	[redacted]	[redacted]	30,197	3,020	2,000

	A Contract number (SIN or name of apprentice) 601	B Name of eligible trade 602	C Eligible salary and wages* 603	D Column C x 10 % 604	E Lesser of column D or $ 2,000 605
3.	[redacted]	[redacted]	23,025	2,303	2,000
4.	[redacted]	[redacted]	39,583	3,958	2,000
5.	[redacted]	[redacted]	44,050	4,405	2,000
6.	[redacted]	[redacted]	42,056	4,206	2,000
7.	[redacted]	[redacted]	42,598	4,260	2,000
8.	[redacted]	[redacted]	73,332	7,333	2,000
9.	[redacted]	[redacted]	64,065	6,407	2,000
10.	[redacted]	[redacted]	83,787	8,379	2,000
11.	[redacted]	[redacted]	82,900	8,290	2,000
12.	[redacted]	[redacted]	93,081	9,308	2,000
13.	[redacted]	[redacted]	70,416	7,042	2,000

Total current-year credit (total of column E) 26,000 A5
Enter on line 640 in Part 22.

* Other than qualified expenditure incurred, and net of any other government or non-government assistance received or to be received. Eligible salary and wages, and qualified expenditures are defined under subsection 127(9).

Part 22 – Current-year credit and account balances – ITC from apprenticeship job creation expenditures

ITC at the end of the previous tax year			B5
Credit deemed as a remittance of co-op corporations	612		
Credit expired after 20 tax years	615		
Subtotal (line 612 plus line 615)		▶	C5
ITC at the beginning of the tax year (amount B5 minus amount C5)	625		
Credit transferred on an amalgamation or the wind-up of a subsidiary	630		
ITC from repayment of assistance	635		
Total current-year credit (amount A5 in Part 21)	640	26,000	
Credit allocated from a partnership	655		
Subtotal (total of lines 630 to 655)		26,000 ▶	26,000 D5
Total credit available (line 625 plus amount D5)			26,000 E5
Credit deducted from Part I tax	660	26,000	
Credit carried back to previous years (amount G5 in Part 23)		r	
Subtotal (line 660 plus amount r)		26,000 ▶	26,000 F5
ITC closing balance from apprenticeship job creation expenditures (amount E5 minus amount F5)	690		

Part 23 – Request for carryback of credit from apprenticeship job creation expenditures

	Year	Month	Day			
1st previous tax year				Credit to be applied	931	
2nd previous tax year				Credit to be applied	932	
3rd previous tax year				Credit to be applied	933	

Total of lines 931 to 933 G5
Enter at amount r in Part 22.

Child Care Spaces

Part 24 – Eligible child care spaces expenditures

Enter the eligible expenditures that you incurred after March 18, 2007 and before March 22, 2017* to create licensed child care spaces for the children of the employees and, potentially, for other children. You cannot be carrying on a child care services business. The eligible expenditures include:

- the cost of depreciable property (other than specified property); and
- the specified child care start-up expenditures.

Properties should be acquired and expenditures should be incurred only to create new child care spaces at a licensed child care facility.

Cost of depreciable property from the current tax year

	Capital cost allowance class number 665	Description of investment 675	Date available for use 685	Amount of investment 695
1.				

Total cost of depreciable property from the current tax year (total of column 695) 715 ____

Specified child care start-up expenditures from the current tax year . . . . 705 ____

Total gross eligible expenditures for child care spaces (line 715 plus line 705) . . . . ____ A6

Total of all assistance (including grants, subsidies, rebates, and forgivable loans) or reimbursements that the corporation has received or is entitled to receive in respect of the amounts referred to in amount A6 . . . . 725 ____

Excess (amount A6 minus line 725) (if negative, enter "0") . . . . ____ B6

Repayments by the corporation of government andnon-government assistance . . . . 735 ____

Total eligible expenditures for child care spaces (amount B6 plus line 735) . . . . 745 ____

* If you entered into a written agreement before March 22, 2017, eligible expenditures incurred before 2020 will remain eligible for the credit.

Part 25 – Current-year credit – ITC from child care spaces expenditures

The credit is equal to 25% of eligible child care spaces expenditures incurred to a maximum of $10,000 per child care space created in a licensed child care facility.

Eligible expenditures (from line 745 in Part 24) . . . . ____ x 25 % = ____ C6

Number of child care spaces . . . . 755 ____ x $ 10,000 = ____ D6

ITC from child care spaces expenditures (amount C6 or D6, whichever is less) . . . . ____ E6

Part 26 – Current-year credit and account balances – ITC from child care spaces expenditures

ITC at the end of the previous tax year				F6
Credit deemed as a remittance of co-op corporations	765			
Credit expired after 20 tax years	770			
Subtotal (line 765 plus line 770)			▶	G6
ITC at the beginning of the tax year (amount F6 minus amount G6)			775	
Credit transferred on an amalgamation or the wind-up of a subsidiary	777			
Total current-year credit (amount E6 in Part 25)	780			
Credit allocated from a partnership	782			
Subtotal (total of lines 777 to 782)			▶	H6
Total credit available (line 775 plus amount H6)				I6
Credit deducted from Part I tax	785			
Credit carried back to previous years (amount K6 in Part 27)		s		
Subtotal (line 785 plus amount s)			▶	J6
ITC closing balance from child care spaces expenditures (amount I6 minus amount J6)			790	

Part 27 – Request for carryback of credit from child care space expenditures

	Year Month Day			
1st previous tax year	2017-12-31	Credit to be applied	941	
2nd previous tax year	2016-12-31	Credit to be applied	942	
3rd previous tax year	2015-12-31	Credit to be applied	943	
		Total of lines 941 to 943 Enter at amount s in Part 26.		K6

Recapture – Child Care Spaces

Part 28 – Recapture of ITC for corporations and partnerships – Child care spaces

The ITC will be recovered against the taxpayer's tax otherwise payable under Part I of the Act if, at any time within 60 months of the day on which the taxpayeracquiredtheproperty:

- the new child care space is no longer available; or
- property that was an eligible expenditure for the child care space is:
  - disposed of or leased to a lessee; or
  - converted to another use.

If the property disposed of is a child care space, the amount that can reasonably be considered to have been included in the original ITC (paragraph 127(27.12)(a)) . . . 792 ______

In the case of eligible expenditures (paragraph 127(27.12)(b)), the lesser of:

The amount that can reasonably be considered to have been included in the original ITC . . . . 795 ______

25% of either the proceeds of disposition (if sold in an arm's length transaction) or the fair market value (in any other case) of the property . . . 797 ______

Amount from line 795 or line 797, whichever is less . . . ______ A7

Partnerships

As a member of the partnership, you will report your share of the child care spaces ITC of the partnership after the child care spaces ITC has been reduced by the amount of the recapture. If this amount is a positive amount, you will report it on line 782 in Part 26. However, if the partnership does not have enough ITC otherwise available to offset the recapture, then the amount by which reductions to ITC exceed additions (the excess) will be determined and reported on line 799 below.

Corporate partner's share of the excess of ITC 799 ______

Total recapture of child care spaces investment tax credit (total of line 792, amount A7, and line 799) . . . ______ B7
Enter at amount B8 in Part 29.

Summary of Investment Tax Credits

Part 29 – Total recapture of investment tax credit

Recaptured SR&ED ITC (amount F3 in Part 17)		A8
Recaptured child care spaces ITC (amount B7 in Part 28)		B8
Total recapture of investment tax credit (amount A8 plus amount B8) Enter on line 602 of the T2 return.		C8

Part 30 – Total ITC deducted from Part I tax

ITC from investments in qualified property deducted from Part I tax (line 260 in Part 5)		D8
ITC from SR&ED expenditures deducted from Part I tax (line 560 in Part 12)		E8
ITC from pre-production mining expenditures deducted from Part I tax (line 885 in Part 19)		F8
ITC from apprenticeship job creation expenditures deducted from Part I tax (line 660 in Part 22)	26,000	G8
ITC from child care space expenditures deducted from Part I tax (line 785 in Part 26)		H8
Total ITC deducted from Part I tax (total of amounts D8 to H8) Enter on line 652 of the T2 return.	26,000	I8

Summary of Investment Tax Credit Carryovers

Continuity of investment tax credit carryovers

CCA class number 97 Apprenticeship job creation ITC

Current year

Addition current year (A)	Applied current year (B)	Claimed as a refund (C)	Carried back (D)	ITC end of year (A-B-C-D)
26,000	26,000			

Prior years

Taxation year	ITC beginning of year (E)	Adjustments (F)	Applied current year (G)	ITC end of year (E-F-G)
2017-12-31				
2016-12-31				
2015-12-31				
2014-12-31				
2013-12-31				
2012-12-31				
2011-12-31				
2010-12-31				
2009-12-31				
2008-12-31				*
2007-12-31				
2006-12-31				
2005-12-31				
2004-12-31				
2003-12-31				
2002-12-31				
2001-12-31				
2001-09-30				
2000-09-30				
1999-09-30				*
Total				

B+C+D+G **Total ITC utilized** 26,000

*** The ITC end of year includes the amount of ITC expired from the 10th preceding year if it is before January 1, 1998, or the amount of ITC expired from the 20th preceding year if it is after December 31, 1997. Note that this credit expires at the end of the tax year and any expired credit will be posted to line 215, 515, 615, 770 or 845, as applicable, in Schedule 31 the following year.**

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Schedule 33

Taxable Capital Employed in Canada – Large Corporations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Use this schedule in determining if the total taxable capital employed in Canada of the corporation (other than a financial institution or an insurance corporation) and its related corporations is greater than $10,000,000.
- If the total taxable capital employed in Canada of the corporation and its related corporations is greater than $10,000,000, file a completed Schedule 33 with your T2 Corporation Income Tax Return no later than six months from the end of the tax year.
- Unless otherwise noted, all legislative references are to the Income Tax Act and the Income Tax Regulations.
- Subsection 181(1) defines the terms financial institution, long-term debt, and reserves.
- Subsection 181(3) provides the basis to determine the carrying value of a corporation's assets or any other amount under Part I.3 for its capital, investment allowance, taxable capital, or taxable capital employed in Canada, or for a partnership in which it has an interest.
- If the corporation was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada, go to Part 4, Taxable capital employed in Canada.

Part 1 – Capital

Add the following year-end amounts:

	Line	Amount	
Reserves that have not been deducted in calculating income for the year under Part I	101	427,587	
Capital stock (or members' contributions if incorporated without share capital)	103	167,081,000	
Retained earnings	104	193,837,000	
Contributed surplus	105		
Any other surpluses	106		
Deferred unrealized foreign exchange gains	107		
All loans and advances to the corporation	108	630,662,512	
All indebtedness of the corporation represented by bonds, debentures, notes, mortgages, hypothecary claims, bankers' acceptances, or similar obligations	109		
Any dividends declared but not paid by the corporation before the end of the year	110		
All other indebtedness of the corporation (other than any indebtedness for a lease) that has been outstanding for more than 365 days before the end of the year	111		
The total of all amounts, each of which is the amount, if any, in respect of a partnership in which the corporation held a membership interest at the end of the year, either directly or indirectly through another partnership (see note below)	112		
Subtotal (add lines 101 to 112)		992,008,099 ▶	992,008,099 A

Note:

Line 112 is determined by the formula (A – B) x C/D (as per paragraph 181.2(3)(g)) where:

A is the total of all amounts that would be determined for lines 101, 107, 108, 109, and 111 in respect of the partnership for its last fiscal period that ends at or before the end of the year if
- a) those lines applied to partnerships in the same manner that they apply to corporations, and
- b) those amounts were computed without reference to amounts owing by the partnership
  - (i) to any corporation that held a membership interest in the partnership either directly or indirectly through another partnership, or
  - (ii) to any partnership in which a corporation described in subparagraph (i) held a membership interest either directly or indirectly through another partnership.

B is the partnership's deferred unrealized foreign exchange losses at the end of the period,

C is the share of the partnership's income or loss for the period to which the corporation is entitled either directly or indirectly through another partnership, and

D is the partnership's income or loss for the period.

Part 1 – Capital (continued)

Subtotal A (from page 1)		992,008,099 A
Deduct the following amounts:		
Deferred tax debit balance at the end of the year	121	
Any deficit deducted in calculating its shareholders' equity (including, for this purpose, the amount of any provision for the redemption of preferred shares) at the end of the year	122	
To the extent that the amount may reasonably be regarded as being included in any of lines 101 to 112 above for the year, any amount deducted under subsection 135(1) in calculating income under Part I for the year.	123	
Deferred unrealized foreign exchange losses at the end of the year	124	
Subtotal (add lines 121 to 124)	▶	B
Capital for the year (amount A minus amount B) (if negative, enter "0")	190	992,008,099

Part 2 – Investment allowance

Add the carrying value at the end of the year of the following assets of the corporation:

A share of another corporation	401	
A loan or advance to another corporation (other than a financial institution)	402	3,928,000
A bond, debenture, note, mortgage, hypothecary claim, or similar obligation of another corporation (other than a financial institution)	403	
Long-term debt of a financial institution	404	
A dividend payable on a share of the capital stock of another corporation	405	
A loan or advance to, or a bond, debenture, note, mortgage, hypothecary claim or similar obligation of, a partnership each member of which was, throughout the year, another corporation (other than a financial institution) that was not exempt from tax under this Part (otherwise than because of paragraph 181.1(3)(d)), or another partnership described in paragraph 181.2(4)(d.1)	406	
An interest in a partnership (see note 2 below)	407	
Investment allowance for the year (add lines 401 to 407)	490	3,928,000

Notes:

1. Lines 401 to 405 should not include the carrying value of a share of the capital stock of, a dividend payable by, or indebtedness of a corporation that is exempt from tax under Part I.3 (other than a non-resident corporation that at no time in the year carried on business in Canada through a permanent establishment).
2. Where the corporation has an interest in a partnership held either directly or indirectly through another partnership, refer to subsection 181.2(5) for additional rules regarding the carrying value of an interest in a partnership.
3. Where a trust is used as a conduit for loaning money from a corporation to another related corporation (other than a financial institution), the loan will be considered to have been made directly from the lending corporation to the borrowing corporation. Refer to subsection 181.2(6) for special rules that may apply.

Part 3 – Taxable capital

Capital for the year (line 190)		992,008,099 C
Deduct: Investment allowance for the year (line 490)		3,928,000 D
Taxable capital for the year (amount C minus amount D) (if negative, enter "0")	500	988,080,099

Part 4 – Taxable capital employed in Canada

To be completed by a corporation that was resident in Canada at any time in the year

Taxable capital for the year (line 500)			Taxable income earned in Canada			Taxable capital employed in Canada	
988,080,099	x	610	16,422,737	=	690	988,080,099	
		Taxable income	16,422,737				

Notes:
1. Regulation 8601 gives details on calculating the amount of taxable income earned in Canada.
2. Where a corporation's taxable income for a tax year is "0," it shall, for the purposes of the above calculation, be deemed to have a taxable income for that year of $1,000.
3. In the case of an airline corporation, Regulation 8601 should be considered when completing the above calculation.

To be completed by a corporation that was a non-resident of Canada throughout the year and carried on a business through a permanent establishment in Canada

Total of all amounts each of which is the carrying value at the end of the year of an asset of the corporation used in the year or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . 701 ____________

Deduct the following amounts:

Corporation's indebtedness at the end of the year [other than indebtedness described in any of paragraphs 181.2(3)(c) to (f)] that may reasonably be regarded as relating to a business it carried on during the year through a permanent establishment in Canada . . . . 711 ____________

Total of all amounts each of which is the carrying value at the end of year of an asset described in subsection 181.2(4) of the corporation that it used in the year, or held in the year, in the course of carrying on any business during the year through a permanent establishment in Canada . . . . 712 ____________

Total of all amounts each of which is the carrying value at the end of year of an asset of the corporation that is a ship or aircraft the corporation operated in international traffic, or personal or movable property used or held by the corporation in carrying on any business during the year through a permanent establishment in Canada (see note below) . . . . 713 ____________

Total deductions (add lines 711, 712, and 713) ____________ ▶ ____________ E

Taxable capital employed in Canada (line 701 minus amount E) (if negative, enter "0") . . . . 790 ____________

Note: Complete line 713 only if the country in which the corporation is resident did not impose a capital tax for the year on similar assets, or a tax for the year on the income from the operation of a ship or aircraft in international traffic, of any corporation resident in Canada during the year.

Part 5 – Calculation for purposes of the small business deduction

This part is applicable to corporations that are not associated in the current year, but were associated in the prior year.

Taxable capital employed in Canada (amount from line 690) . . . . ____________ F

Deduct: . . . . 10,000,000 G

Excess (amount F minus amount G) (if negative, enter "0") ____________ H

Calculation for purposes of the small business deduction (amount H x 0.225%) . . . . ____________ I

Enter this amount at line 415 of the T2 return.

Attached Schedule with Total

Part 1 – All loans and advances to the corporation

Title Part 1 – All loans and advances to the corporation

Description	Operator (Note)	Amount	
Notes Payable		597,185,000	00
Tender Deposits	+	1,246,386	00
Key Deposits	+	1,210,392	00
Retailer Prudentials	+		
Customer credit balances	+	10,963,731	00
Customer deposits	+	20,057,003	00
	Total	630,662,512	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

Attached Schedule with Total

Part 1 – Reserves that have not been deducted in calculating income for the year under Part I

Title Part 1 – Reserves that have not been deducted in computing income for th

Description	Operator (Note)	Amount	
Non deductible reserve per Schedule 13S		365,554	00
Assets Retirement Obligations	+	62,033	00
	+		
	Total	427,587	00

Note: The calculations are performed one at a time, from the first to the last line, and not according to the priority rules of the operations. For example, the formula 1+2*3 will not result in the same thing as the formula 1+3*2.

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SCHEDULE 50

SHAREHOLDER INFORMATION

Name of corporation	Business Number	Tax year end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

All private corporations must complete this schedule for any shareholder who holds 10% or more of the corporation's common and/or preferred shares.

	Name of shareholder (after name, indicate in brackets if the shareholder is a corporation, partnership, individual, or trust)	Provide only one number per shareholder: Business Number (If a corporation is not registered, enter "NR")	Social insurance number	Trust number	Percentage common shares	Percentage preferred shares
	100	200	300	350	400	500
1	Hydro Ottawa Holding Inc. (Corporation)	89411 0816 RC0001			100.000	
2						
3						
4						
5						
6						
7						
8						
9						
10						

Canada

Canada Revenue Agency / Agence du revenu du Canada

Schedule 53

General Rate Income Pool (GRIP) Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

On: 2018-12-31

- If you are a Canadian-controlled private corporation (CCPC) or a deposit insurance corporation (DIC), use this schedule to determine the general rate income pool (GRIP).
- Credit unions are not required to complete this schedule.
- All legislative references are to the Income Tax Act and the Income Tax Regulations.
- When an eligible dividend was paid in the tax year or there was a change in the GRIP balance, file a completed copy of this schedule with your T2 Corporation Income Tax Return. Do not send your worksheets with your return, but keep them in your records in case we ask to see them later.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool, and low rate income pool.

Eligibility for the various additions

Answer the following questions to determine the corporation's eligibility for the various additions:

2006 addition

1. Is this the corporation's first taxation year that includes January 1, 2006? ☐ Yes ☒ No
2. If not, what is the date of the taxation year end of the corporation's first year that includes January 1, 2006? Enter the date and go directly to question 4: 2006-12-31
3. During that first year, was the corporation a CCPC or would it have been a CCPC if not for the election of subsection 89(11) ITA? ☒ Yes ☐ No
   If the answer to question 3 is yes, complete Part "GRIP addition for 2006".

Change in the type of corporation

4. Was the corporation a CCPC during its preceding taxation year? ☒ Yes ☐ No
5. Corporations that become a CCPC or a DIC ☐ Yes ☒ No
   If the answer to question 5 is yes, complete Part 4.

Amalgamation (first year of filing after amalgamation)

6. Corporations that were formed as a result of an amalgamation ☐ Yes ☒ No
   If the answer to question 6 is yes, answer questions 7 and 8. If the answer is no, go to question 9.
7. Was one or more of the predecessor corporations neither a CCPC nor a DIC? ☐ Yes ☐ No
   If the answer to question 7 is yes, complete Part 4.
8. Was one or more of the predecessor corporation a CCPC or a DIC during the taxation year that ended immediately before amalgamation? ☐ Yes ☐ No
   If the answer to question 8 is yes, complete Part 3.

Winding-up

9. Has the corporation wound-up a subsidiary in the preceding taxation year? ☐ Yes ☒ No
   If the answer to question 9 is yes, answer questions 10 and 11. If the answer is no, go to Part 1.
10. Was the subsidiary neither a CCPC nor a DIC during its last taxation year? ☐ Yes ☐ No
    If the answer to question 10 is yes, complete Part 4.
11. Was the subsidiary a CCPC or a DIC during its last taxation year? ☐ Yes ☐ No
    If the answer to question 11 is yes, complete Part 3.

Part 1 – General rate income pool (GRIP)

GRIP at the end of the previous tax year . . . . 100 217,601,770 A

Taxable income for the year (DICs enter "0") * . . . . 110 16,422,737 B

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less * . . . . 130 ______

For a CCPC, the lesser of aggregate investment income (line 440 of the T2 return) and taxable income * . . . . . . 140 ______

Subtotal (line 130 plus line 140) ______ ▶ ______ C

Income taxable at the general corporate rate (amount B minus amount C) (if negative enter "0") 150 16,422,737

After-tax income (line 150 multiplied by 0.72 (the general rate factor for the tax year)) . . . . 190 11,824,371 D

Eligible dividends received in the tax year . . . . 200 ______

Dividends deductible under section 113 received in the tax year . . . . 210 ______

Subtotal (line 200 plus line 210) ______ ▶ ______ E

Becoming a CCPC (amount W5 in Part 4) . . . . [redacted] ______

Post-amalgamation (total of amounts E4 in Part 3 and amounts W5 in Part 4) . . . . . . ______

Post-wind-up (total of amounts E4 in Part 3 and amounts W5 in Part 4) . . . . 240 ______

Subtotal (add lines 220, 230, and 240) 290 ______ ▶ ______ F

Subtotal (add amounts A, D, E, and F) 229,426,141 G

Eligible dividends paid in the previous tax year . . . . [redacted] ______

Excessive eligible dividend designations made in the previous tax year . . . . . . -

(If becoming a CCPC (subsection 89(4) applies), enter "0" on lines 300 and 310.)

Subtotal (line 300 minus line 310) ______ ▶ ______ H

GRIP before adjustment for specified future tax consequences (amount G minus amount H) (amount can be negative) 490 229,426,141

Total GRIP adjustment for specified future tax consequences to previous tax years (amount N3 in Part 2) . . . . 560 ______

GRIP at the end of the tax year (line 490 minus line 560) 590 229,426,141

Enter this amount on line 160 of Schedule 55.

* For lines 110, 130, and 140, the income amount is the amount before considering specified future tax consequences. This phrase is defined in subsection 248(1). It includes the deduction of a loss carryback from subsequent tax years, a reduction of Canadian exploration expenses and Canadian development expenses that were renounced in subsequent tax years (e.g., flow-through share renunciations), reversals of income inclusions where an option is exercised in subsequent tax years, and the effect of certain foreign tax credit adjustments.

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years

Complete this part if the corporation's taxable income of any of the previous three tax years took into account the specified future tax consequences defined in subsection 248(1) from the current tax year. Otherwise, enter "0" on line 560.

First previous tax year 2017-12-31

Taxable income before specified future tax consequences from the current tax year 16,157,263 A1

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ____ B1

Aggregate investment income (line 440 of the T2 return) . . . . ____ C1

Subtotal (amount B1 plus amount C1) ____ ▶ 16,157,263 D1 ▶ 16,157,263 E1

Subtotal (amount A1 minus amount D1) (if negative, enter "0")

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	Capital loss carry-back	Restricted farm loss carry-back	Farm loss carry-back	Other	Total carrybacks

Taxable income after specified future tax consequences . . . . ____ F1

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ____ G1

Aggregate investment income (line 440 of the T2 return) . . . . ____ H1

Subtotal (amount G1 plus amount H1) ____ ▶ ____ I1

Subtotal (amount F1 minus amount I1) (if negative, enter "0") ____ ▶ ____ J1

Subtotal (amount E1 minus amount J1) (if negative, enter "0") ____ K1

GRIP adjustment for specified future tax consequences to the first previous tax year (amount K1 multiplied by 0.72) . . . . 500 ____

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Second previous tax year 2016-12-31

Taxable income before specified future tax consequences from the current tax year 17,477,603 A2

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ B2

Aggregate investment income (line 440 of the T2 return) . . . . ______ C2

Subtotal (amount B2 plus amount C2) ______ ▶ ______ D2

Subtotal (amount A2 minus amount D2) (if negative, enter "0") 17,477,603 ▶ 17,477,603 E2

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	Capital loss carry-back	Restricted farm loss carry-back	Farm loss carry-back	Other	Total carrybacks

Taxable income after specified future tax consequences . . . . ______ F2

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ______ G2

Aggregate investment income (line 440 of the T2 return) . . . . ______ H2

Subtotal (amount G2 plus amount H2) ______ ▶ ______ I2

Subtotal (amount F2 minus amount I2) (if negative, enter "0") ______ ▶ ______ J2

Subtotal (amount E2 minus amount J2) (if negative, enter "0") ______ K2

GRIP adjustment for specified future tax consequences to the second previous tax year (amount K2 multiplied by 0.72) . . . . 520 ______

Part 2 – GRIP adjustment for specified future tax consequences to previous tax years (continued)

Third previous tax year 2015-12-31

Taxable income before specified future tax consequences from the current tax year 1,715,538 A3

Enter the following amounts before specified future tax consequences from the current tax year:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ____ B3

Aggregate investment income (line 440 of the T2 return) . . . . ____ C3

Subtotal (amount B3 plus amount C3) ____ ▶ ____ D3

Subtotal (amount A3 minus amount D3) (if negative, enter "0") 1,715,538 ▶ 1,715,538 E3

Future tax consequences that occur for the current year Amount carried back from the current year to a prior year					
Non-capital loss carry-back (paragraph 111 (1)(a) ITA)	Capital loss carry-back	Restricted farm loss carry-back	Farm loss carry-back	Other	Total carrybacks

Taxable income after specified future tax consequences . . . . ____ F3

Enter the following amounts after specified future tax consequences:

Amount on line 400, 405, 410, or 427 of the T2 return, whichever is less . . . . ____ G3

Aggregate investment income (line 440 of the T2 return) . . . . ____ H3

Subtotal (amount G3 plus amount H3) ____ ▶ ____ I3

Subtotal (amount F3 minus amount I3) (if negative, enter "0") ____ ▶ ____ J3

Subtotal (amount E3 minus amount J3) (if negative, enter "0") ____ K3

GRIP adjustment for specified future tax consequences to the third previous tax year (amount K3 multiplied by 0.72) . . . . 540 ____

Total GRIP adjustment for specified future tax consequences to previous tax years: (add lines 500, 520, and 540) (if negative, enter "0") . . . . ____ L3

Enter amount L3 on line 560 in part 1.

Part 3 – Worksheet to calculate the GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year)

nb. 1 Postamalgamation . . . ☐ Post wind-up . . . . . . ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary corporation was a CCPC or a DIC in its last tax year. The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

Calculate the GRIP addition of a successor corporation following an amalgamation at the end of its first tax year.

Calculate the GRIP addition of a parent corporation upon wind-up at the end of the tax year that ends immediately after the tax year in which the parent has received the assets of the subsidiary.

In the calculation below, corporation means a predecessor or a subsidiary. Complete a separate worksheet for each predecessor and each subsidiary that was a CCPC or a DIC in its last tax year. Keep a copy of this calculation for your records, in case we ask to see it later.

Corporation's GRIP at the end of its last tax year . . . . ______ A4

Eligible dividends paid by the corporation in its last tax year . . . . ______ B4

Excessive eligible dividend designations made by the corporation in its last tax year . . . . ______ C4

Subtotal (amount B4 minus amount C4) ______ ► ______ D4

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was a CCPC or a DIC in its last tax year) (amount A4 minus amount D4) . . . . ______ E4

After you complete this calculation for each predecessor and each subsidiary, calculate the total of all the E4 amounts. Enter this total amount on:

- line 230 for post-amalgamation; or
- line 240 for post-wind-up.

Part 4 – Worksheet to calculate the GRIP addition post-amalgamation, post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC

nb. 1 Corporation becoming a CCPC . . . . . . ☐ Postamalgamation . . . . ☐ Post wind-up . . . . ☐

Complete this part when there has been an amalgamation (within the meaning assigned by subsection 87(1)) or a wind-up (to which subsection 88(1) applies) and the predecessor or subsidiary was not a CCPC or a DIC in its last tax year.The last tax year for a predecessor corporation was its tax year that ended immediately before the amalgamation and for a subsidiary corporation was its tax year during which its assets were distributed to the parent on the wind-up.

Calculate the GRIP addition of a successor corporation following an amalgamation at the end of its first tax year.

Calculate the GRIP addition of a parent corporation upon wind-up at the end of the tax year that ends immediately after the tax year in which the parent has received the assets of the subsidiary.

In the calculation below, corporation means a predecessor or a subsidiary. Complete a separate worksheet for each predecessor and each subsidiary that was a CCPC or a DIC in its last year. Keep a copy of this calculation for your records, in case we ask to see it later.

Cost amount to the corporation of all property immediately before the end of its previous/last tax year . . . . ____ A5

The corporation's money on hand immediately before the end of its previous/last tax year . . . . ____

B5 Total of subsection 111(1) losses that would have been deductible in calculating the corporation's taxable income for the previous/last tax year if the corporation had had unlimited income from each business carried on and each property held and had realized an unlimited amount of capital gains for the previous/last tax year:

Non-capital losses . . . . ____ C5
Net capital losses . . . . ____ D5
Farm losses . . . . ____ E5
Restricted farm losses . . . . ____ F5
Limited partnership losses . . . . ____ G5

Subtotal (add amounts C5 to G5) ____ ▶ ____ H5

Total of all amounts deducted under subsection 111(1) in calculating the corporation's taxable income for the previous/last tax year:

Non-capital losses . . . . ____ I5
Net capital losses . . . . ____ J5
Farm losses . . . . ____ K5
Restricted farm losses . . . . ____ L5
Limited partnership losses . . . . ____ M5

Subtotal (add amounts I5 to M5) ____ ▶ ____ N5

Unused and unexpired losses at the end of the corporation's previous/last tax year (amount H5 minus amount N5) ____ ▶ ____ O5

Subtotal (add amounts A5, B5, and O5) ____ P5

All the corporation's debts and other obligations to pay that were outstanding immediately before the end of its previous/last tax year . . . . ____ Q5

Paid-up capital of all the corporation's issued and outstanding shares of capital stock immediately before the end of its previous/last tax year . . . . ____ R5

All the corporation's reserves deducted in its previous/last tax year . . . . ____ S5

The corporation's capital dividend account immediately before the end of its previous/last tax year . . . . ____ T5

The corporation's low rate income pool immediately before the end of its previous/last tax year . . . . ____ U5

Subtotal (add amounts Q5 to U5) ____ ▶ ____ V5

GRIP addition post-amalgamation or post-wind-up (predecessor or subsidiary was not a CCPC or a DIC in its last tax year), or the corporation is becoming a CCPC (amount P5 minus amount V5) (if negative, enter "0") . . . . ____ W5

After you complete this worksheet for each predecessor and each subsidiary, calculate the total of all the W5 amounts. Enter this total amount on:

– line 220 for a corporation becoming a CCPC;
– line 230 for post-amalgamation; or
– line 240 for post-wind-up.

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Schedule 55

Part III.1 Tax on Excessive Eligible Dividend Designations

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

Do not use this area

- Every corporation resident in Canada that pays a taxable dividend (other than a capital gains dividend within the meaning assigned by subsection 130.1(4) or 131(1)) in the tax year must file this schedule.
- Canadian-controlled private corporations (CCPC) and deposit insurance corporations (DIC) must complete Part 1 of this schedule. All other corporations must complete Part 2.
- Every corporation that has paid an eligible dividend must also file Schedule 53, General Rate Income Pool (GRIP) Calculation, or Schedule 54, Low Rate Income Pool (LRIP) Calculation, whichever is applicable.
- File the completed schedules with your T2 Corporation Income Tax Return no later than six months from the end of the tax year.
- All legislative references are to the Income Tax Act and the Income Tax Regulations.
- Subsection 89(1) defines the terms eligible dividend, excessive eligible dividend designation, general rate income pool (GRIP), and low rate income pool (LRIP).
- The calculations in Part 1 and Part 2 do not apply if the excessive eligible dividend designation arises from the application of paragraph (c) of the definition of excessive eligible dividend designation in subsection 89(1). This paragraph applies when an eligible dividend is paid to artificially maintain or increase the GRIP or to artificially maintain or decrease the LRIP.

Part 1 – Canadian-controlled private corporations and deposit insurance corporations

	Line	Amount	Line	Amount	
Taxable dividends paid in the tax year not included in Schedule 3					
Taxable dividends paid in the tax year included in Schedule 3		11,900,000			
Total taxable dividends paid in the tax year	100	11,900,000			
Total eligible dividends paid in the tax year			150		A
GRIP at the end of the tax year (line 590 on Schedule 53) (if negative, enter "0")			160	229,426,141	B
Excessive eligible dividend designation (line 150 minus line 160)					C
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			180		D
Subtotal (amount C minus amount D)					E
Part III.1 tax on excessive eligible dividend designations – CCPC or DIC (amount E multiplied by 20 %)			190		F

Enter the amount from line 190 on line 710 of the T2 return.

Part 2 – Other corporations

	Line	Amount	Line	Amount	
Taxable dividends paid in the tax year not included in Schedule 3					
Taxable dividends paid in the tax year included in Schedule 3					
Total taxable dividends paid in the tax year	200				
Total excessive eligible dividend designations in the tax year (amount from line A of Schedule 54)					G
Deduct:					
Excessive eligible dividend designations elected under subsection 185.1(2) to be treated as ordinary dividends *			280		H
Subtotal (amount G minus amount H)					I
Part III.1 tax on excessive eligible dividend designations – Other corporations (amount I multiplied by 20 %)			290		J

Enter the amount from line 290 on line 710 of the T2 return.

* You can elect to treat all or part of your excessive eligible dividend designation as a separate taxable dividend in order to eliminate or reduce the Part III.1 tax otherwise payable. You must file the election on or before the day that is 90 days after the day the notice of assessment for Part III.1 tax was sent. We will accept an election before the assessment of the tax. For more information on how to make this election, go to www.cra.gc.ca/eligibledividends.

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Schedule 500

Ontario Corporation Tax Calculation

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Use this schedule if the corporation had a permanent establishment, under section 400 of the federal Income Tax Regulations, in Ontario at any time in the tax year and had Ontario taxable income in the year.
- Legislative references are to the federal Income Tax Act and Income Tax Regulations.
- This schedule is a worksheet only and is not required to be filed with your T2 Corporation Income Tax Return.

Part 1 – Ontario basic income tax

Ontario taxable income *	16,422,737	A
Ontario basic rate of tax for the year	11.5 %	B
Ontario basic income tax (amount A multiplied by amount B **)	1,888,615	C

* If the corporation has a permanent establishment only in Ontario, enter the amount from line 360 or amount Z, whichever applies, of the T2 return. Otherwise, enter the taxable income allocated to Ontario from column F in Part 1 of Schedule 5.

** If the corporation has a permanent establishment in more than one jurisdiction, or is claiming an Ontario tax credit in addition to Ontario basic income tax, or has Ontario corporate minimum tax or Ontario special additional tax on life insurance corporations payable, enter amount C on line 270 of Schedule 5, Tax Calculation Supplementary – Corporations. Otherwise, enter it on line 760 of the T2 return.

Part 2 – Ontario small business deduction (OSBD)

Complete this part if the corporation claimed the federal small business deduction under subsection 125(1).

Amount from line 400 of the T2 return	17,000,835	1		
Amount from line 405 of the T2 return	16,422,737	2		
Amount from line 427 of the T2 return (note)		3		
Enter the least of amounts 1, 2 or 3		▶		D
Ontario domestic factor (ODF): Taxable income for Ontario * / Taxable income for all provinces **	16,422,737.00 / 16,422,737	=	1.00000	E
Amount D multiplied by amount E		4		
Ontario taxable income (amount A from Part 1)	16,422,737	5		
Ontario small business income (lesser of amount 4 or amount 5)		▶		F

Ontario small business deduction rate for the year

Number of days in the tax year before January 1, 2018 / Number of days in the tax year	/ 365	x 7 %	=	%	G1
Number of days in the tax year after December 31, 2017 / Number of days in the tax year	365 / 365	x 8 %	=	8.00000 %	G2

OSBD rate for the year (rate G1 plus rate G2)	8.00000 %	▶	8.00000 %	G
Ontario small business deduction (amount F multiplied by rate G)				H

Enter amount H on line 402 of Schedule 5.

* Enter amount A from Part 1.

** Includes the territories and the offshore jurisdictions for Nova Scotia and Newfoundland and Labrador.

Note: On November 15, 2018, the Government of Ontario announced, in Bill 57, that the reduction in the business limit relating to the amount of passive investment income for taxation years starting after December 31, 2018, will not be applied when calculating the Ontario small business deduction. As a result, the calculation on line 3 does not take the amount on line E2 of Schedule 200 (Jump Code: J) into account.

Part 3 – Ontario adjusted small business income

Complete this part if the corporation was a Canadian-controlled private corporation throughout the tax year and is claiming the Ontario tax credit for manufacturing and processing or the Ontario credit union tax reduction.

Ontario adjusted small business income (lesser of amount D and amount 5) . . . . ____________ I

Enter amount I at amount K in Part 4 of this schedule or at amount B in Part 2 of Schedule 502, Ontario Tax Credit for Manufacturing and Processing, whichever applies.

Part 4 – Credit union tax reduction

Complete this part and Schedule 17, Credit Union Deductions, if the corporation was a credit union throughout the tax year.

Amount 2H from Schedule 17 . . . . ____________ J

Ontario adjusted small business income (amount I) . . . . ____________ K

Subtotal (amount J minus amount K, if negative, enter "0") ____________ L

Amount L multiplied by amount G . . . . ____________ M

Ontario domestic factor (amount E) . . . . 1.00000 N

Ontario credit union tax reduction (amount M multiplied by amount N) . . . . ____________ O
Enter amount O on line 410 of Schedule 5.

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Schedule 510

Ontario Corporate Minimum Tax

Corporation's name	Business number	Tax year-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- File this schedule if the corporation is subject to Ontario corporate minimum tax (CMT). CMT is levied under section 55 of the Taxation Act, 2007 (Ontario), referred to as the "Ontario Act".
- Complete Part 1 to determine if the corporation is subject to CMT for the tax year.
- A corporation not subject to CMT in the tax year is still required to file this schedule if it is deducting a CMT credit, has a CMT credit carryforward, or has a CMT loss carryforward or a current year CMT loss.
- A corporation that has Ontario special additional tax on life insurance corporations (SAT) payable in the tax year must complete Part 4 of this schedule even if it is not subject to CMT for the tax year.
- A corporation is exempt from CMT if, throughout the tax year, it was one of the following:
  1) a corporation exempt from income tax under section 149 of the federal Income Tax Act;
  2) a mortgage investment corporation under subsection 130.1(6) of the federal Act;
  3) a deposit insurance corporation under subsection 137.1(5) of the federal Act;
  4) a congregation or business agency to which section 143 of the federal Act applies;
  5) an investment corporation as referred to in subsection 130(3) of the federal Act; or
  6) a mutual fund corporation under subsection 131(8) of the federal Act.
- File this schedule with the T2 Corporation Income Tax Return.

Part 1 – Determination of CMT applicability

Total assets of the corporation at the end of the tax year *	112	1,382,180,000
Share of total assets from partnership(s) and joint venture(s) *	114	
Total assets of associated corporations (amount from line 450 on Schedule 511)	116	1,519,262,775
Total assets (total of lines 112 to 116)		2,901,442,775
Total revenue of the corporation for the tax year **	142	1,085,410,000
Share of total revenue from partnership(s) and joint venture(s) **	144	
Total revenue of associated corporations (amount from line 550 on Schedule 511)	146	141,938,482
Total revenue (total of lines 142 to 146)		1,227,348,482

The corporation is subject to CMT if:
- for tax years ending before July 1, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are more than $5,000,000, or the total revenue for the year of the corporation or the associated group of corporations is more than $10,000,000.
- for tax years ending after June 30, 2010, the total assets at the end of the year of the corporation or the associated group of corporations are equal to or more than $50,000,000, and the total revenue for the year of the corporation or the associated group of corporations is equal to or more than $100,000,000.

If the corporation is not subject to CMT, do not complete the remaining parts unless the corporation is deducting a CMT credit, or has a CMT credit carryforward, a CMT loss carryforward, a current year CMT loss, or SAT payable in the year.

* Rules for total assets
- Report total assets according to generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Do not include unrealized gains and losses on assets and foreign currency gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.
- The amount on line 114 is determined at the end of the last fiscal period of the partnership or joint venture that ends in the tax year of the corporation. Add the proportionate share of the assets of the partnership(s) and joint venture(s), and deduct the recorded asset(s) for the investment in partnerships and joint ventures.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

** Rules for total revenue
- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the tax year is less than 51 weeks, multiply the total revenue of the corporation or the partnership, whichever applies, by 365 and divide by the number of days in the tax year.
- The amount on line 144 is determined for the partnership or joint venture fiscal period that ends in the tax year of the corporation. If the partnership or joint venture has 2 or more fiscal periods ending in the filing corporation's tax year, multiply the sum of the total revenue for each of the fiscal periods by 365 and divide by the total number of days in all the fiscal periods.
- A corporation's share in a partnership or joint venture is determined under paragraph 54(5)(b) of the Ontario Act and, if the partnership or joint venture had no income or loss, is calculated as if the partnership's or joint venture's income were $1 million. For a corporation with an indirect interest in a partnership or joint venture, determine the corporation's share according to paragraph 54(5)(c) of the Ontario Act.

T2 SCH 510 E (14)

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Part 2 – Adjusted net income/loss for CMT purposes

Net income/loss per financial statements * 210 37,159,000

Add (to the extent reflected in income/loss):

Provision for current income taxes/cost of current income taxes	220	4,689,000	
Provision for deferred income taxes (debits)/cost of future income taxes	222		
Equity losses from corporations	224		
Financial statement loss from partnerships and joint ventures	226		
Dividends deducted on financial statements (subsection 57(2) of the Ontario Act), excluding dividends paid by credit unions under subsection 137(4.1) of the federal Act	230		
Other additions (see note below):			
Share of adjusted net income of partnerships and joint ventures **	228		
Total patronage dividends received, not already included in net income/loss	232		
281	282		
283	284		
Subtotal		4,689,000 ▶	4,689,000 A

Deduct (to the extent reflected in income/loss):

Provision for recovery of current income taxes/benefit of current income taxes	320		
Provision for deferred income taxes (credits)/benefit of future income taxes	322		
Equity income from corporations	324		
Financial statement income from partnerships and joint ventures	326		
Dividends deductible under section 112, section 113, or subsection 138(6) of the federal Act	330		
Dividends not taxable under section 83 of the federal Act (from Schedule 3)	332		
Gain on donation of listed security or ecological gift	340		
Accounting gain on transfer of property to a corporation under section 85 or 85.1 of the federal Act ***	342		
Accounting gain on transfer of property to/from a partnership under section 85 or 97 of the federal Act ****	344		
Accounting gain on disposition of property under subsection 13(4), subsection 14(6), or section 44 of the federal Act *****	346		
Accounting gain on a windup under subsection 88(1) of the federal Act or an amalgamation under section 87 of the federal Act	348		
Other deductions (see note below):			
Share of adjusted net loss of partnerships and joint ventures **	328		
Tax payable on dividends under subsection 191.1(1) of the federal Act multiplied by 3	334		
Interest deducted/deductible under paragraph 20(1)(c) or (d) of the federal Act, not already included in net income/loss	336		
Patronage dividends paid (from Schedule 16) not already included in net income/loss	338		
381	382		
383	384		
385	386		
387	388		
389	390		
Subtotal			B

Adjusted net income/loss for CMT purposes (line 210 plus amount A minus amount B) 490 41,848,000

If the amount on line 490 is positive and the corporation is subject to CMT as determined in Part 1, enter the amount on line 515 in Part 3.

If the amount on line 490 is negative, enter the amount on line 760 in Part 7 (enter as a positive amount).

Note

In accordance with Ontario Regulation 37/09, when calculating net income for CMT purposes, accounting income should be adjusted to:

– exclude unrealized gains and losses due to mark-to-market changes or foreign currency changes on specified mark-to-market property (assets only);
– include realized gains and losses on the disposition of specified mark-to-market property not already included in the accounting income, if the property is not a capital property or is a capital property disposed in the year or in a previous tax year ended after March 22, 2007.

"Specified mark-to-market property" is defined in subsection 54(1) of the Ontario Act.

These rules also apply to partnerships. A corporate partner's share of a partnership's adjusted income flows through on a proportionate basis to the corporate partner.

* Rules for net income/loss

– Banks must report net income/loss as per the report accepted by the Superintendent of Financial Institutions under the federal Bank Act, adjusted so consolidation and equity methods are not used.

Part 2 – Calculation of adjusted net income/loss for CMT purposes (continued)

– Life insurance corporations must report net income/loss as per the report accepted by the federal Superintendent of Financial Institutions or equivalent provincial insurance regulator, before SAT and adjusted so consolidation and equity methods are not used. If the life insurance corporation is resident in Canada and carries on business in and outside of Canada, multiply the net income/loss by the ratio of the Canadian reserve liabilities divided by the total reserve liability. The reserve liabilities are calculated in accordance with Regulation 2405(3) of the federal Act.

– Other corporations must report net income/loss in accordance with generally accepted accounting principles, except that consolidation and equity methods must not be used. When the equity method has been used for accounting purposes, equity losses and equity income are removed from book income/loss on lines 224 and 324 respectively.

– Corporations, other than insurance corporations, should report net income from line 9999 of the GIFI (Schedule 125) on line 210.

** The share of the adjusted net income of a partnership or joint venture is calculated as if the partnership or joint venture were a corporation and the tax year of the partnership or joint venture were its fiscal period. For a corporation with an indirect interest in a partnership through one or more partnerships, determine the corporation's share according to clause 54(5)(c) of the Ontario Act.

*** A joint election will be considered made under subsection 60(1) of the Ontario Act if there is an entry on line 342, and an election has been made for transfer of property to a corporation under subsection 85(1) of the federal Act.

**** A joint election will be considered made under subsection 60(2) of the Ontario Act if there is an entry on line 344, and an election has been made under subsection 85(2) or 97(2) of the federal Act.

***** A joint election will be considered made under subsection 61(1) of the Ontario Act if there is an entry on line 346, and an election has been made under subsection 13(4) or 14(6) and/or section 44 of the federal Act.

For more information on how to complete this part, see the T2 Corporation – Income Tax Guide.

Part 3 – CMT payable

Adjusted net income for CMT purposes (line 490 in Part 2, if positive)	515		41,848,000	
Deduct:				
CMT loss available (amount R from Part 7)				
Minus: Adjustment for an acquisition of control *	518			
Adjusted CMT loss available				C
Net income subject to CMT calculation (if negative, enter "0")	520		41,848,000	

Amount from line 520		Number of days in the tax year before July 1, 2010 / Number of days in the tax year				Rate	Result	
41,848,000	x	/ 365	x	4 % =				1
41,848,000	x	365 / 365 (year after June 30, 2010)	x	2.7 % =			1,129,896	2

Subtotal (amount 1 plus amount 2) 1,129,896 3

Gross CMT: amount on line 3 above x OAF **	540	1,129,896	
Deduct:			
Foreign tax credit for CMT purposes ***	550		
CMT after foreign tax credit deduction (line 540 minus line 550) (if negative, enter "0")		1,129,896	D
Deduct:			
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,888,615	
Net CMT payable (if negative, enter "0")			E

Enter amount E on line 278 of Schedule 5, Tax Calculation Supplementary – Corporations, and complete Part 4.

* Enter the portion of CMT loss available that exceeds the adjusted net income for the tax year from carrying on a business before the acquisition of control. See subsection 58(3) of the Ontario Act.

*** Enter "0" on line 550 for life insurance corporations as they are not eligible for this deduction. For all other corporations, enter the cumulative total of amount J for the province of Ontario from Part 9 of Schedule 21 on line 550.

** Calculation of the Ontario allocation factor (OAF):

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "Ontario," enter "1" on line F.

If the provincial or territorial jurisdiction entered on line 750 of the T2 return is "multiple," complete the following calculation, and enter the result on line F:

Ontario taxable income **** / Taxable income ***** =

Ontario allocation factor 1.00000 F

**** Enter the amount allocated to Ontario from column F in Part 1 of Schedule 5. If the taxable income is nil, calculate the amount in column F as if the taxable income were $1,000.

*****Enter the taxable income amount from line 360 or amount Z of the T2 return, whichever applies. If the taxable income is nil, enter "1,000".

Part 4 – Calculation of CMT credit carryforward

CMT credit carryforward at the end of the previous tax year *				G
Deduct:				
CMT credit expired *	600			
CMT credit carryforward at the beginning of the current tax year * (see note below)			620	
Add:				
CMT credit carryforward balances transferred on an amalgamation or the windup of a subsidiary (see note below)			650	
CMT credit available for the tax year (amount on line 620 plus amount on line 650)				H
Deduct:				
CMT credit deducted in the current tax year (amount P from Part 5)				I
Subtotal (amount H minus amount I)				J
Add:				
Net CMT payable (amount E from Part 3)				
SAT payable (amount O from Part 6 of Schedule 512)				
Subtotal				K
CMT credit carryforward at the end of the tax year (amount J plus amount K)			670	L

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line G or line 600;
- for line 620, enter the amount from line 2336 of Ontario CT23 Schedule 101, Corporate Minimum Tax (CMT), for the last tax year that ended in 2008.

For other tax years, enter on line G the amount from line 670 of Schedule 510 from the previous tax year.

Note: If you entered an amount on line 620 or line 650, complete Part 6.

Part 5 – Calculation of CMT credit deducted from Ontario corporate income tax payable

CMT credit available for the tax year (amount H from Part 4)				M
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,888,615 1		
For a corporation that is not a life insurance corporation:				
CMT after foreign tax credit deduction (amount D from Part 3)	1,129,896 2			
For a life insurance corporation:				
Gross CMT (line 540 from Part 3)	3			
Gross SAT (line 460 from Part 6 of Schedule 512)	4			
The greater of amounts 3 and 4	5			
Deduct: line 2 or line 5, whichever applies:		1,129,896 6		
Subtotal (if negative, enter "0")		758,719 ▶	758,719	N
Ontario corporate income tax payable before CMT credit (amount F6 from Schedule 5)		1,888,615		
Deduct:				
Total refundable tax credits excluding Ontario qualifying environmental trust tax credit (amount J6 minus line 450 from Schedule 5)		133,817		
Subtotal (if negative, enter "0")		1,754,798 ▶	1,754,798	O
CMT credit deducted in the current tax year (least of amounts M, N, and O)				P

Enter amount P on line 418 of Schedule 5 and on line I in Part 4 of this schedule.

Is the corporation claiming a CMT credit earned before an acquisition of control? 675 1 Yes ☐ 2 No ☒

If you answered yes to the question at line 675, the CMT credit deducted in the current tax year may be restricted. For information on how the deduction may be restricted, see subsections 53(6) and (7) of the Ontario Act.

Part 6 – Analysis of CMT credit available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	CMT credit balance *
10th previous tax year	680
9th previous tax year	681
8th previous tax year	682
7th previous tax year	683
6th previous tax year	684
5th previous tax year	685
4th previous tax year	686
3rd previous tax year	687
2nd previous tax year	688
1st previous tax year	689
Total **	

* CMT credit that was earned (by the corporation, predecessors of the corporation, and subsidiaries wound up into the corporation) in each of the previous 10 tax years and has not been deducted.

** Must equal the total of the amounts entered on lines 620 and 650 in Part 4.

Part 7 – Calculation of CMT loss carryforward

CMT loss carryforward at the end of the previous tax year * . . . . ______ Q

Deduct:

CMT loss expired * . . . . 700 ______

CMT loss carryforward at the beginning of the tax year * (see note below) . . . . ______ ▶ 720 ______

Add:

CMT loss transferred on an amalgamation under section 87 of the federal Act ** (see note below) . . . . 750 ______

CMT loss available (line 720 plus line 750) . . . . ______ R

Deduct:

CMT loss deducted against adjusted net income for the tax year (lesser of line 490 (if positive) and line C in Part 3) . . . . ______

Subtotal (if negative, enter "0") ______ S

Add:

Adjusted net loss for CMT purposes (amount from line 490 in Part 2, if negative) (enter as a positive amount) . . . . 760 ______

CMT loss carryforward balance at the end of the tax year (amount S plus line 760) . . . . 770 ______ T

* For the first harmonized T2 return filed with a tax year that includes days in 2009:
- do not enter an amount on line Q or line 700;
- for line 720, enter the amount from line 2214 of Ontario CT23 Schedule 101, Corporate Minimum Tax (CMT), for the last tax year that ended in 2008.

For other tax years, enter on line Q the amount from line 770 of Schedule 510 from the previous tax year.

** Do not include an amount from a predecessor corporation if it was controlled at any time before the amalgamation by any of the other predecessor corporations.

Note: If you entered an amount on line 720 or line 750, complete Part 8.

Part 8 – Analysis of CMT loss available for carryforward by year of origin

Complete this part if:
- the tax year includes January 1, 2009; or
- the previous tax year-end is deemed to be December 31, 2008, under subsection 249(3) of the federal Act.

Year of origin	Balance earned in a tax year ending before March 23, 2007 *	Balance earned in a tax year ending after March 22, 2007 **
10th previous tax year	810	820
9th previous tax year	811	821
8th previous tax year	812	822
7th previous tax year	813	823
6th previous tax year	814	824
5th previous tax year	815	825
4th previous tax year	816	826
3rd previous tax year	817	827
2nd previous tax year	818	828
1st previous tax year		829
Total ***		

* Adjusted net loss for CMT purposes that was earned (by the corporation, by subsidiaries wound up into or amalgamated with the corporation before March 22, 2007, and by other predecessors of the corporation) in each of the previous 10 tax years that ended before March 23, 2007, and has not been deducted.

** Adjusted net loss for CMT purposes that was earned (by the corporation and its predecessors, but not by a subsidiary predecessor) in each of the previous 20 tax years that ended after March 22, 2007, and has not been deducted.

*** The total of these two columns must equal the total of the amounts entered on lines 720 and 750.

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SCHEDULE 511

ONTARIO CORPORATE MINIMUM TAX – TOTAL ASSETS AND REVENUE FOR ASSOCIATED CORPORATIONS

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- For use by corporations to report the total assets and total revenue of all the Canadian or foreign corporations with which the filing corporation was associated at any time during the tax year. These amounts are required to determine if the filing corporation is subject to corporate minimum tax.
- Total assets and total revenue include the associated corporation's share of any partnership(s)/joint venture(s) total assets and total revenue.
- Attach additional schedules if more space is required.
- File this schedule with the T2 Corporation Income Tax Return.

	Names of associated corporations 200	Business number (Canadiancorporationonly) (see Note 1) 300	Total assets* (see Note 2) 400	Totalrevenue** (see Note 2) 500
1	Hydro Ottawa Holding Inc./Societe De Portefeuille D'	89411 0816 RC0001	1,047,961,000	61,043,000
2	Energy Ottawa Inc./Energie Ottawa Inc.	86338 9961 RC0001	242,698,000	67,388,000
3	Telecom Ottawa Holding Inc. / Societe De Portefeuill	86202 9337 RC0001	17,170,000	42,000
4	PowerTrail Inc.	82829 3944 RC0001	12,326,000	3,598,000
5	Moose Creek Energy Inc.	82851 1311 RC0001	201	0
6	Chaudiere Hydro Inc. Hydro Chaudiere Inc.	81281 3103 RC0001	100	0
7	Chaudiere Water Power Inc/Energie Hydraulique De	10093 1955 RC0001	1,026,000	4,244,000
8	2425932 ONTARIO INC.	80053 3846 RC0001	110,528,318	3,804,382
9	CHAUDIERE HYDRO NORTH INC.	79821 6321 RC0001	101	0
10	EO GENERATION GP INC.	83966 8308 RC0001	303	0
11	THE GANANOQUE WATER POWER COMPANY	10521 4068 RC0001	55,000	0
12	SOLARTRAIL GP INC.	81087 4164 RC0001	100	0
13	EONY GENERATION HOLDING INC.	NR	0	0
14	EONY GENERATION LIMITED	NR	0	0
15	9927891 CANADA INC.	74962 8699 RC0001	56,780,605	0
16	CPS CURRENT POWER SERVICES (2016) LTD.	78232 7522 RC0001	440,011	1,294,717
17	ENERGY OTTAWA CABLE TESTING SERVICES INC.	74276 6892 RC0001	2,451,034	524,383
18	HULL ENERGY GP INC.	74882 0321 RC0001	1	0
19	Smart City Lighting Inc.	79280 8719 RC0001	1	0
20	Envari Holding Inc.	72236 3918 RC0001	5,275,000	0
21	Envari Energy Solutions Inc.	72236 3710 RC0001	22,551,000	0
		Total	450 1,519,262,775	550 141,938,482

Enter the total assets from line 450 on line 116 in Part 1 of Schedule 510, Ontario Corporate Minimum Tax.
Enter the total revenue from line 550 on line 146 in Part 1 of Schedule 510.

Note 1: Enter ¨NR¨ if a corporation is not registered.

Note 2: If the associated corporation does not have a tax year that ends in the filing corporation's current tax year but was associated with the filing corporation in the previous tax year of the filing corporation, enter the total revenue and total assets from the tax year of the associated corporation that ends in the previous tax year of the filing corporation.

* Rules for total assets

- Report total assets in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- Include the associated corporation's share of the total assets of partnership(s) and joint venture(s) but exclude the recorded asset(s) for the investment in partnerships and joint ventures.
- Exclude unrealized gains and losses on assets that are included in net income for accounting purposes but not in income for corporate income tax purposes.

** Rules for total revenue

- Report total revenue in accordance with generally accepted accounting principles, adjusted so that consolidation and equity methods are not used.
- If the associated corporation has 2 or more tax years ending in the filing corporation's tax year, multiply the sum of the total revenue for each of those tax years by 365 and divide by the total number of days in all of those tax years.
- If the associated corporation's tax year is less than 51 weeks and is the only tax year of the associated corporation that ends in the filing corporation's tax year, multiply the associated corporation's total revenue by 365 and divide by the number of days in the associated corporation's tax year.
- Include the associated corporation's share of the total revenue of partnerships and joint ventures.
- If the partnership or joint venture has 2 or more fiscal periods ending in the associated corporation's tax year, multiply the sum of the total revenue for each of the fiscal periods by 365 and divide by the total number of days in all the fiscal periods.

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SCHEDULE 546

CORPORATIONS INFORMATION ACT ANNUAL RETURN FOR ONTARIO CORPORATIONS

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- This schedule should be completed by a corporation that is incorporated, continued, or amalgamated in Ontario and subject to the Ontario Business Corporations Act (BCA) or Ontario Corporations Act (CA), except for registered charities under the federal Income Tax Act. This completed schedule serves as a Corporations Information Act Annual Return under the Ontario Corporations Information Act.
- Complete parts 1 to 4. Complete parts 5 to 7 only to report change(s) in the information recorded on the Ontario Ministry of Government Services (MGS) public record.
- This schedule must set out the required information for the corporation as of the date of delivery of this schedule.
- A completed Ontario Corporations Information Act Annual Return must be delivered within six months after the end of the corporation's tax year-end. The MGS considers this return to be delivered on the date that it is filed with the Canada Revenue Agency (CRA) together with the corporation's income tax return.
- It is the corporation's responsibility to ensure that the information shown on the MGS public record is accurate and up-to-date. To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. Visit www.ServiceOntario.ca for more information.
- This schedule contains non-tax information collected under the authority of the Ontario Corporations Information Act. This information will be sent to the MGS for the purposes of recording the information on the public record maintained by the MGS.

Part 1 – Identification

100 Corporation's name (exactly as shown on the MGS public record)
Hydro Ottawa Limited/Hydro Ottawa Limitee

Jurisdiction incorporated, continued, or amalgamated, whichever is the most recent	110 Date of incorporation or amalgamation, whichever is the most recent (Year Month Day)	120 Ontario Corporation No.
Ontario	2000-10-03	1427586

Part 2 – Head or registered office address (P.O. box not acceptable as stand-alone address)

200 Care of (if applicable)

210 Street number	220 Street name/Rural route/Lot and Concession number	230 Suite number
2711	Hunt Club Rd	

240 Additional address information if applicable (line 220 must be completed first)
PO Box 8700

250 Municipality (e.g., city, town)	260 Province/state	270 Country	280 Postal/zip code
Ottawa	ON	CA	K1G 5Z9

Part 3 – Change identifier

Have there been any changes in any of the information most recently filed for the public record maintained by the MGS for the corporation with respect to names, addresses for service, and the date elected/appointed and, if applicable, the date the election/appointment ceased of the directors and five most senior officers, or with respect to the corporation's mailing address or language of preference? To review the information shown for the corporation on the public record maintained by the MGS, obtain a Corporation Profile Report. For more information, visit www.ServiceOntario.ca.

300 1 If there have been no changes, enter 1 in this box and then go to "Part 4 – Certification."
If there are changes, enter 2 in this box and complete the applicable parts on the next page, and then go to "Part 4 – Certification."

Part 4 – Certification

I certify that all information given in this Corporations Information Act Annual Return is true, correct, and complete.

450 Simpson (Last name) **451** Geoff (First name)

454 ______________________, (Middlename(s))

460 2 Please enter one of the following numbers in this box for the above-named person: 1 for director, 2 for officer, or 3 for other individual having knowledge of the affairs of the corporation. If you are a director and officer, enter 1 or 2.

Note: Sections 13 and 14 of the Ontario Corporations Information Act provide penalties for making false or misleading statements or omissions.

Complete the applicable parts to report changes in the information recorded on the MGS public record.

Part 5 – Mailing address

500 Please enter one of the following numbers in this box:
1 - Show no mailing address on the MGS public record.
2 - The corporation's mailing address is the same as the head or registered office address in Part 2 of this schedule.
3 - The corporation's complete mailing address is as follows:

510 Care of (if applicable)

520 Street number | 530 Street name/Rural route/Lot and Concession number | 540 Suite number

550 Additional address information if applicable (line 530 must be completed first)

560 Municipality (e.g., city, town) | 570 Province/state | 580 Country | 590 Postal/zip code

Part 6 – Language of preference

600 Indicate your language of preference by entering 1 for English or 2 for French. This is the language of preference recorded on the MGS public record for communications with the corporation. It may be different from line 990 on the T2 return.

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SCHEDULE 550

ONTARIO CO-OPERATIVE EDUCATION TAX CREDIT

Name of corporation	Business Number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Use this schedule to claim an Ontario co-operative education tax credit (CETC) under section 88 of the Taxation Act, 2007 (Ontario).
- The CETC is a refundable tax credit that is equal to an eligible percentage (10% to 30%) of the eligible expenditures incurred by a corporation for a qualifying work placement. The maximum credit amount is $1,000 for each qualifying work placement ending before March 27, 2009, and $3,000 for each qualifying work placement beginning after March 26, 2009. For a qualifying work placement that straddles March 26, 2009, the maximum credit amount is prorated.
- Eligible expenditures are salaries and wages (including taxable benefits) paid or payable to a student in a qualifying work placement, or fees paid or payable to an employment agency for services performed by the student in a qualifying work placement. These expenditures must be paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario. Expenditures for a work placement (WP) are not eligible expenditures if they are greater than the amounts that would be paid to an arm's length employee.
- A WP must meet all of the following conditions to be a qualifying work placement:
  - the student performs employment duties for a corporation under a qualifying co-operative education program (QCEP);
  - the WP has been developed or approved by an eligible educational institution as a suitable learning situation;
  - the terms of the WP require the student to engage in productive work;
  - the WP is for a period of at least 10 consecutive weeks or, in the case of an internship program, not less than 8 consecutive months and not more than 16 consecutive months;
  - the student is paid for the work performed in the WP;
  - the corporation is required to supervise and evaluate the job performance of the student in the WP;
  - the institution monitors the student's performance in the WP; and
  - the institution has certified the WP as a qualifying work placement.
- Make sure you keep a copy of the letter of certification from the Ontario eligible educational institution containing the name of the student, the employer, the institution, the term of the WP, and the name/discipline of the QCEP to support the claim. Do not submit the letter of certification with the T2 Corporation Income Tax Return.
- File this schedule with the T2 Corporation Income Tax Return.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephone number including area code
Bettina Yau	(613) 738-5499

Is the claim filed for a CETC earned through a partnership?* . . . . . **150** 1 Yes [ ] 2 No [X]

If you answered yes to the question at line 150, what is the name of the partnership? **160**

Enter the percentage of the partnership's CETC allocated to the corporation . . . . . **170** %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 550 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 550 to claim the partner's share of the partnership's CETC. The allocated amounts can not exceed the amount of the partnership's CETC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . **200** 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the Taxation Act, 2007 (Ontario)? . . . . . **210** 1 Yes [ ] 2 No [X]

If you answered no to question 1 or yes to question 2, then the corporation is not eligible for the CETC.

T2 SCH 550 E (09)

Canada

Part 3 – Eligible percentage for determining the eligible amount

Corporation's salaries and wages paid in the previous tax year * .300 74,021,000

For eligible expenditures incurred before March 27, 2009:

– If line 300 is $400,000 or less, enter 15% on line 310.
– If line 300 is $600,000 or more, enter 10% on line 310.
– If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 310 using the following formula:

$$\text{Eligible percentage} = 15\% - \left[5\% \times \left(\frac{\text{amount on line 300} \quad \text{minus} \quad \$ \; 400,000}{\$ \; 200,000} \right) \right]$$

Eligible percentage for determining the eligible amount .310 10.000 %

For eligible expenditures incurred after March 26, 2009:

– If line 300 is $400,000 or less, enter 30% on line 312.
– If line 300 is $600,000 or more, enter 25% on line 312.
– If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Eligible percentage} = 30\% - \left[5\% \times \left(\frac{\text{amount on line 300} \quad \text{minus} \quad \$ \; 400,000}{\$ \; 200,000} \right) \right]$$

Eligible percentage for determining the eligible amount .312 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 88(9) of the Taxation Act, 2007 (Ontario) applies, enter the salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Calculation of the Ontario co-operative education tax credit

Complete a separate entry for each student for each qualifying work placement that ended in the corporation's tax year. If a qualifying work placement would otherwise exceed four consecutive months, divide the WP into periods of four consecutive months and enter each full period of four consecutive months as a separate WP. If the WP does not divide equally into four-month periods and if the period that is less than 4 months is 10 or more consecutive weeks, then enter that period as a separate WP. If that period is less than 10 consecutive weeks, then include it with the WP for the last period of 4 consecutive months. Consecutive WPs with two or more associated corporations are deemed to be with only one corporation, as designated by the corporations.

	A Name of university, college, or other eligible educational institution 400	B Name of qualifying co-operative education program 405
1.	Algonquin College	Powerline Technician
2.	Algonquin College	Mechanical Engineering Technology (Fall Intake)
3.	Algonquin College	Powerline Technician
4.	Algonquin College	Powerline Technician
5.	Algonquin College	Powerline Technician
6.	Algonquin College	Powerline Technician
7.	Algonquin College	Powerline Technician
8.	Algonquin College	Powerline Technician
9.	Algonquin College	Powerline Technician
10.	Algonquin College	Mechanical Engineering Technology (Fall Intake)
11.	Algonquin College	Powerline Technician
12.	Algonquin College	Powerline Technician
13.	Carleton University	Bachelor of Commerce, Finance
14.	Carleton University	Bachelor of Engineering, Biomedical & Electrical
15.	Carleton University	Bachelor of Engineering, Biomedical & Electrical
16.	Carleton University	Bachelor of Engineering, Sustainable & Renewable Ene
17.	Carleton University	Bachelor of Commerce, Finance
18.	Carleton University	Bachelor of Engineering, Electrical
19.	Carleton University	Bachelor of Engineering, Mechanical
20.	Carleton University	Bachelor of Commerce, Accounting
21.	University of Ottawa	HR Management
22.	Carleton University	Bachelor of Engineering, Sustainable & Renewable Ene
23.	Carleton University	Bachelor of Commerce, Finance

	A Name of university, college, or other eligible educational institution 400	B Name of qualifying co-operativeeducationprogram 405
24.		

	C Name of student 410	D Start date of WP (see note 1 below) 430	E End date of WP (see note 2 below) 435
1.	[redacted]	2018-04-30	2018-08-31
2.	[redacted]	2018-09-10	2018-12-21
3.	[redacted]	2018-04-30	2018-08-31
4.	[redacted]	2018-04-30	2018-08-31
5.	[redacted]	2018-04-30	2018-08-31
6.	[redacted]	2018-04-30	2018-08-31
7.	[redacted]	2018-04-30	2018-08-31
8.	[redacted]	2018-04-30	2018-08-31
9.	[redacted]	2018-04-30	2018-08-31
10.	[redacted]	2018-09-10	2018-12-21
11.	[redacted]	2018-04-30	2018-08-31
12.	[redacted]	2018-04-30	2018-08-31
13.	[redacted]	2018-04-30	2018-08-31
14.	[redacted]	2018-09-04	2018-12-21
15.	[redacted]	2018-01-02	2018-04-27
16.	[redacted]	2018-04-30	2018-08-31
17.	[redacted]	2018-01-08	2018-04-27
18.	[redacted]	2018-01-08	2018-04-27
19.	[redacted]	2018-04-30	2018-08-31
20.	[redacted]	2018-01-08	2018-04-27
21.	[redacted]	2018-09-04	2018-12-21
22.	[redacted]	2018-09-03	2018-12-21
23.	[redacted]	2018-04-30	2018-08-31
24.			

Note 1: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the start date for the separate WP.

Note 2: When the WP has been divided into separate periods because it exceeds four consecutive months, enter the end date for the separate WP.

Part 4 – Calculation of the Ontario co-operative education tax credit (continued)

	F1 Eligible expenditures before March 27, 2009 (see note 1 below)	Eligible percentage before March 27, 2009 (from line 310 in Part 3)	F2 Eligible expenditures after March 26, 2009 (see note 1 below)	Eligible percentage after March 26, 2009 (from line 310a in Part 3)	X Number of consecutive weeks of the WP completed by the student before March 27, 2009 (see note 3 below)	Y Total number of consecutive weeks of the student's WP (see note 3 below)
1.		10.000 %	10,483	25.000 %		18
2.		10.000 %	9,086	25.000 %		15
3.		10.000 %	11,404	25.000 %		18
4.		10.000 %	11,642	25.000 %		18
5.		10.000 %	12,048	25.000 %		18
6.		10.000 %	10,825	25.000 %		18
7.		10.000 %	11,200	25.000 %		18
8.		10.000 %	10,662	25.000 %		18
9.		10.000 %	11,182	25.000 %		18
10.		10.000 %	9,086	25.000 %		15
11.		10.000 %	10,367	25.000 %		18
12.		10.000 %	12,114	25.000 %		18
13.		10.000 %	11,249	25.000 %		18
14.		10.000 %	10,799	25.000 %		15
15.		10.000 %	11,875	25.000 %		16
16.		10.000 %	11,054	25.000 %		18
17.		10.000 %	10,475	25.000 %		16
18.		10.000 %	21,690	25.000 %		16
19.		10.000 %	10,109	25.000 %		18
20.		10.000 %	9,174	25.000 %		16
21.		10.000 %	25,245	25.000 %		15
22.		10.000 %	11,054	25.000 %		16
23.		10.000 %	10,475	25.000 %		18
24.		10.000 %		25.000 %		

	G Eligible amount (eligible expenditures multiplied by eligible percentage) (see note 2 below)	H Maximum CETC per WP (see note 3 below)	I CETC on eligible expenditures (column G or H, whichever is less)	J CETC on repayment of government assistance (see note 4 below)	K CETC for each WP (column I or column J)
1.	2,621	3,000	2,621		2,621
2.	2,272	3,000	2,272		2,272
3.	2,851	3,000	2,851		2,851
4.	2,911	3,000	2,911		2,911
5.	3,012	3,000	3,000		3,000
6.	2,706	3,000	2,706		2,706
7.	2,800	3,000	2,800		2,800
8.	2,666	3,000	2,666		2,666
9.	2,796	3,000	2,796		2,796
10.	2,272	3,000	2,272		2,272
11.	2,592	3,000	2,592		2,592
12.	3,029	3,000	3,000		3,000
13.	2,812	3,000	2,812		2,812
14.	2,700	3,000	2,700		2,700
15.	2,969	3,000	2,969		2,969
16.	2,764	3,000	2,764		2,764
17.	2,619	3,000	2,619		2,619
18.	5,423	3,000	3,000		3,000
19.	2,527	3,000	2,527		2,527
20.	2,294	3,000	2,294		2,294

	G Eligible amount (eligible expenditures multiplied by eligible percentage) (see note 2 below)	H Maximum CETC per WP (see note 3 below)	I CETC on eligible expenditures (column G or H, whichever is less)	J CETC on repayment of government assistance (see note 4 below)	K CETC for each WP (column I or column J)
21.	6,311	3,000	3,000		3,000
22.	2,764	3,000	2,764		2,764
23.	2,619	3,000	2,619		2,619
24.					

Ontario co-operative education tax credit (total of amounts in column K) **500** 62,555 L

or, if the corporation answered yes at line 150 in Part 1, determine the partner's share of amount L:

Amount L ______ x percentage on line 170 in Part 1 ______ % = ... ______ M

Enter amount L or M, whichever applies, on line 452 of Schedule 5, Tax Calculation Supplementary – Corporations. If you are filing more than one Schedule 550, add the amounts from line L or M, whichever applies, on all the schedules and enter the total amount on line 452 of Schedule 5.

Note 1: Reduce eligible expenditures by all government assistance, as defined under subsection 88(21) of the Taxation Act, 2007 (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, for the eligible expenditures, on or before the filing due date of the T2 Corporation Income Tax Return for the tax year.

Note 2: Calculate the eligible amount (Column G) using the following formula:

Column G = (column F1 x percentage on line 310) + (column F2 x percentage on line 312)

Note 3: If the WP ends before March 27, 2009, the maximum credit amount for the WP is $1,000.
If the WP begins after March 26, 2009, the maximum credit amount for the WP is $3,000.
If the WP begins before March 27, 2009, and ends after March 26, 2009, calculate the maximum credit amount using the following formula:

($1,000 x X/Y) + [$3,000 x (Y – X)/Y]

where "X" is the number of consecutive weeks of the WP completed by the student before March 27, 2009, and "Y" is the total number of consecutive weeks of the student's WP.

Note 4: When claiming a CETC for repayment of government assistance, complete a separate entry for each repayment and complete columns A to E and J and K with the details for the previous year WP in which the government assistance was received.
Include the amount of government assistance repaid in the tax year multiplied by the eligible percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the CETC in that tax year.

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Schedule 552

Ontario Apprenticeship Training Tax Credit

Corporation'sname	Business number	Taxyear-end Year Month Day
Hydro Ottawa Limited/Hydro Ottawa Limitee	86339 1363 RC0001	2018-12-31

- Use this schedule to claim an Ontario apprenticeship training tax credit (ATTC) under section 89 of the Taxation Act, 2007 (Ontario).
- The ATTC is a refundable tax credit that is equal to a specified percentage (25% to 45%) of the eligible expenditures incurred by a corporation for a qualifying apprenticeship. For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015, the maximum credit for each qualifying apprenticeship is $10,000 per year to a maximum credit of $40,000 over the first 48-month period of the qualifying apprenticeship. For an apprenticeship program that began after April 23, 2015, the maximum credit for each qualifying apprenticeship is $5,000 per year to a maximum credit of $15,000 over the first 36-month period of the qualifying apprenticeship.
- Eligible expenditures are salaries and wages (including taxable benefits) paid to an apprentice in a qualifying apprenticeship or fees paid to an employment agency for the provision of services performed by the apprentice in a qualifying apprenticeship. These expenditures must be:
  - paid on account of employment or services, as applicable, at a permanent establishment of the corporation in Ontario;
  - for services provided by the apprentice during the first 48 months of the apprenticeship program, if an apprenticeship program began before April 24, 2015; and
  - for services provided by the apprentice during the first 36 months of the apprenticeship program, if an apprenticeship program began after April 23, 2015.
- An expenditure is not eligible for an ATTC if:
  - the same expenditure was used, or will be used, to claim a co-operative education tax credit; or
  - it is more than an amount that would be paid to an arm's length apprentice.
- An apprenticeship must meet the following conditions to be a qualifying apprenticeship:
  - the apprenticeship is in a qualifying skilled trade approved by the Ministry of Training, Colleges and Universities (Ontario) or a person designated by him or her; and
  - the corporation and the apprentice must be participating in an apprenticeship program in which the training agreement has been registered under the Ontario College of Trades and Apprenticeship Act, 2009, or the Apprenticeship and Certification Act, 1998, or in which the contract of apprenticeship has been registered under the Trades Qualification and Apprenticeship Act.
- Do not submit the training agreement or contract of apprenticeship with your T2 Corporation Income Tax Return. Keep a copy of the training agreement or contract of apprenticeship to support your claim.
- File this schedule with your T2 Corporation Income Tax Return.

Part 1 – Corporate information

110 Name of person to contact for more information	120 Telephonenumber
Bettina Yau	(613) 738-5499

Is the claim filed for an ATTC earned through a partnership? * . . . . . 150 1 Yes [ ] 2 No [X]

If you answered yes to the question at line 150, what is the name of the partnership? . 160

Enter the percentage of the partnership's ATTC allocated to the corporation . . . . . 170 %

* When a corporate member of a partnership is claiming an amount for eligible expenditures incurred by a partnership, complete a Schedule 552 for the partnership as if the partnership were a corporation. Each corporate partner, other than a limited partner, should file a separate Schedule 552 to claim the partner's share of the partnership's ATTC. The total of the partners' allocated amounts can never exceed the amount of the partnership's ATTC.

Part 2 – Eligibility

1. Did the corporation have a permanent establishment in Ontario in the tax year? . . . . . 200 1 Yes [X] 2 No [ ]
2. Was the corporation exempt from tax under Part III of the Taxation Act, 2007 (Ontario)? . . . . . 210 1 Yes [ ] 2 No [X]

If you answered no to question 1 or yes to question 2, then you are not eligible for the ATTC.

T2 SCH 552 E (15)

Part 3 – Specified percentage

Corporation's salaries and wages paid in the previous tax year * .300 74,021,000

For eligible expenditures incurred after March 26, 2009 for an apprenticeship program that began before April 24, 2015:
– If line 300 is $400,000 or less, enter 45% on line 312.
– If line 300 is $600,000 or more, enter 35% on line 312.
– If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 312 using the following formula:

$$\text{Specified percentage} = 45\% - \left[10\% \times \left(\frac{\text{amount on line 300} \quad \text{minus} \quad 400{,}000}{200{,}000} \right) \right]$$

Specified percentage .312 35.000 %

For eligible expenditures incurred for an apprenticeship program that began after April 23, 2015:
– If line 300 is $400,000 or less, enter 30% on line 314.
– If line 300 is $600,000 or more, enter 25% on line 314.
– If line 300 is more than $400,000 and less than $600,000, enter the percentage on line 314 using the following formula:

$$\text{Specified percentage} = 30\% - \left[5\% \times \left(\frac{\text{amount on line 300} \quad \text{minus} \quad 400{,}000}{200{,}000} \right) \right]$$

Specified percentage .314 25.000 %

* If this is the first tax year of an amalgamated corporation and subsection 89(6) of the Taxation Act, 2007 (Ontario) applies, enter salaries and wages paid in the previous tax year by the predecessor corporations.

Part 4 – Ontario apprenticeship training tax credit

Complete a separate entry for each apprentice for each qualifying apprenticeship with the corporation. When claiming an ATTC for repayment of government assistance, complete a separate entry for each repayment, and complete columns A to G and M and N with the details for the employment period in the previous tax year in which the government assistance was received.

	A Trade code 400	B Apprenticeship program/trade name 405	C Name of apprentice 410
1.	[redacted]	[redacted]	[redacted]
2.	[redacted]	[redacted]	[redacted]
3.	[redacted]	[redacted]	[redacted]
4.	[redacted]	[redacted]	[redacted]
5.	[redacted]	[redacted]	[redacted]
6.	[redacted]	[redacted]	[redacted]
7.	[redacted]	[redacted]	[redacted]
8.	[redacted]	[redacted]	[redacted]
9.	[redacted]	[redacted]	[redacted]
10.	[redacted]	[redacted]	[redacted]
11.	[redacted]	[redacted]	[redacted]
12.	[redacted]	[redacted]	[redacted]
13.	[redacted]	[redacted]	[redacted]
14.	[redacted]	[redacted]	[redacted]
15.	[redacted]	[redacted]	[redacted]
16.	[redacted]	[redacted]	[redacted]
17.	[redacted]	[redacted]	[redacted]
18.			

	D Original contract or training agreement number 420	E Original registration date of apprenticeship contract or training agreement (YYYYMMDD) (see note 1) 425	F Start date of employment as an apprentice in the tax year (YYYYMMDD) (see note 2) 430	G End date of employment as an apprentice in the tax year (YYYYMMDD) (see note 3) 435
1.	[redacted]	2015-08-12	2018-01-01	2018-08-12
2.	[redacted]	2015-08-12	2018-01-01	2018-08-12
3.	[redacted]	2015-08-12	2018-01-01	2018-08-12

	D Original contract or training agreementnumber 420	E Original registration date of apprenticeshipcontract or trainingagreement (YYYYMMDD) (see note 1) 425	F Start date of employment as an apprentice in the tax year (YYYYMMDD) (see note 2) 430	G End date of employment as an apprentice in the tax year (YYYYMMDD) (see note 3) 435
4.	[redacted]	2015-08-12	2018-01-01	2018-08-12
5.	[redacted]	2015-08-12	2018-01-01	2018-08-12
6.	[redacted]	2016-08-03	2018-01-01	2018-12-31
7.	[redacted]	2016-08-03	2018-01-01	2018-12-31
8.	[redacted]	2015-08-03	2018-01-01	2018-08-03
9.	[redacted]	2016-08-03	2018-01-01	2018-12-31
10.	[redacted]	2016-08-03	2018-01-01	2018-12-31
11.	[redacted]	2017-07-14	2018-01-01	2018-12-31
12.	[redacted]	2017-07-14	2018-01-01	2018-12-31
13.	[redacted]	2017-07-14	2018-01-01	2018-12-31
14.	[redacted]	2017-07-14	2018-01-01	2018-12-31
15.	[redacted]	2017-07-14	2018-01-01	2018-12-31
16.	[redacted]	2017-07-14	2018-01-01	2018-12-31
17.	[redacted]	2015-08-12	2018-01-01	2018-08-12
18.				

Note 1: Enter the original registration date of the apprenticeship contract or training agreement in all cases, even when multiple employers employedtheapprentice.

Note 2: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the first day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the start date of employment as an apprentice for the tax year in which the government assistance was received.

Note 3: When there are multiple employment periods as an apprentice in the tax year with the corporation, enter the date that is the last day of employment as an apprentice in the tax year with the corporation. When claiming an ATTC for repayment of government assistance, enter the end date of employment as an apprentice for the tax year in which the government assistance was received.

Part 4 – Ontario apprenticeship training tax credit (continued)

	H1 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began before April 24, 2015 (see note 1) 442	H2 Number of days in the tax year employed as an apprentice in a qualifying apprenticeship program that began after April 23, 2015 (see note 1) 443	I Maximum credit amount for the tax year (see note 2) 445
1.		223	3,055
2.		223	3,055
3.		223	3,055
4.		223	3,055
5.		223	3,055
6.		365	5,000
7.		365	5,000
8.		214	2,932
9.		365	5,000
10.		365	5,000
11.		365	5,000
12.		365	5,000
13.		365	5,000
14.		365	5,000
15.		365	5,000
16.		365	5,000
17.		223	3,055
18.			

Note 1: When there are multiple employment periods as an apprentice in the tax year with the corporation, do not include days in which the individual was not employed as an apprentice.
For H1: The days employed as an apprentice must be within 48 months of the registration date provided in column E.
For H2: The days employed as an apprentice must be within 36 months of the registration date provided in column E.

Note 2: Maximum credit = ($10,000 × H1/365*) or ($5,000 × H2/365*), whichever applies.
* 366 days, if the tax year includes February 29

	J1 Eligible expenditures incurred after March 26, 2009 for a qualifying apprenticeship program that began before April 24, 2015 (see note 3) 452	J2 Eligible expenditures incurred for a qualifying apprenticeship program that began after April 23, 2015 (see note 3) 453	K Eligible expenditures multiplied by specified percentage (see note 4) 460
1.		60,127	15,032
2.		63,949	15,987
3.		59,201	14,800
4.		59,794	14,949
5.		52,245	13,061
6.		75,688	18,922
7.		83,272	20,818
8.		49,502	12,376
9.		79,886	19,972
10.		80,807	20,202
11.		78,333	19,583
12.		69,066	17,267
13.		88,788	22,197
14.		87,900	21,975
15.		75,416	18,854
16.		98,082	24,521
17.		49,350	12,338
18.			

Note 3: Reduce eligible expenditures by all government assistance, as defined under subsection 89(19) of the Taxation Act, 2007 (Ontario), that the corporation has received, is entitled to receive, or may reasonably expect to receive, in respect of the eligible expenditures, on or before the filing due date of the T2 Corporation Income Tax Return for the tax year.

For J1: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 48 months of the apprenticeship program, and not relating to services performed before the apprenticeship program began or after it ended.

For J2: Eligible expenditures must be for services provided by the apprentice to the taxpayer during the first 36 months of the apprenticeship program, and not relating to services performed before the apprenticeship began or after it ended.

Note 4: Calculate the amount in column K as follows:
Column K = (J1 × line 312) or (J2 × line 314), whichever applies.

	L ATTC on eligible expenditures (lesser of columns I and K) 470	M ATTC on repayment of government assistance (see note 5) 480	N ATTC for each apprentice (column L or M, whicheverapplies) 490
1.	3,055		3,055
2.	3,055		3,055
3.	3,055		3,055
4.	3,055		3,055
5.	3,055		3,055
6.	5,000		5,000
7.	5,000		5,000
8.	2,932		2,932
9.	5,000		5,000
10.	5,000		5,000
11.	5,000		5,000
12.	5,000		5,000
13.	5,000		5,000
14.	5,000		5,000
15.	5,000		5,000
16.	5,000		5,000
17.	3,055		3,055
18.			

Ontario apprenticeship training tax credit (total of amounts in column N) 500 71,262 O

Or, if the corporation answered yes at line 150 in Part 1, determine the partner's share of amount O:

Amount O ____________ x percentage on line 170 in Part 1 ________ % = ... ____________ P

Enter amount O or P, whichever applies, on line 454 of Schedule 5, Tax Calculation Supplementary – Corporations. If you are filing more than one Schedule 552, add the amounts from line O or P, whichever applies, on all the schedules, and enter the total amount on line 454 of Schedule 5.

Note 5: Include the amount of government assistance repaid in the tax year multiplied by the specified percentage for the tax year in which the government assistance was received, to the extent that the government assistance reduced the ATTC in that tax year. Complete a separate entry for each repayment of government assistance.

See the privacy notice on your return.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Version 1.10

Utility Name	Hydro Ottawa Limited	
Assigned EB Number	EB-2019-0261	
Name and Title	Gregory Van Dusen, Director, Regulatory Affairs	
Phone Number	613-738-5499,7472	
Email Address	RegulatoryAffairs@hydroottawa.com	
Date	Original	
Last COS Re-based Year		**2016**

Note: Drop-down lists are shaded blue; Input cells are shaded green.

Instructions

Purpose
The purpose of this workbook is to calculate the estimated Payment in Lieu of Taxes (PILs) for the Test Year. The calculation of PILs for the Test Year is on tab T0 and is based on the inputs on the other tabs.

Tab S Summary is a summary of the amounts to be transferred to the Data Input Sheet of the Revenue Requirement Workform.

Tab S1 Integrity Checks must be completed after the completion of the PILs calculation in this workbook.

Methodology
To calculate the PILs for the Test Year:

1) input the balances from the income tax return of the Historical Year in tabs H1 to H13.
2) input the balances for the Bridge Year and the Test Year.
Inputs should include:
- non-deductible expenses (Schedule 1 - B1 and T1)
- loss carryforward (Schedule 4 - B4 and T4)
- capital cost allowance (Schedule 8 - B8 and T8)
- non-deductible reserves (Schedule 13 - B13 and T13)

3) make any other adjustments and inputs required so that the PILs amount calculated for the Test Year on tab T0 is reasonable.

Other Notes
Tabs H0 to H13 relate to the Historical Year.
Tabs B0 to B13 relate to the Bridge Year.
Tabs T0 to T13 relate to the Test Year.

The amounts on tabs H0 to H13 should agree to the tax return filed with the Canada Revenue Agency. Any CRA audit adjustments or corrections should also be reflected.

It is assumed the net income before tax for the Test Year is equal to the Return on Equity. Return on Equity is calculated on tab A.

On tab "A. Data Input Sheet", input the "Rate Base" amount and "Return on Rate Base" amounts.

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Income Tax/PILs Workform for 2020 Filers

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No inputs required on this worksheet.

Inputs on Service Revenue Requirement Worksheet

The Service Revenue Requirement is in the 'Revenue Requirement Workform' - Tab 3.

Item	Working Paper Reference	
Adjustments required to arrive at taxable income	as below	**-40,125,535**
Test Year - Payments in Lieu of Taxes (PILs)	T0	**752,736**
Test Year - Grossed-up PILs	T0	**1,024,130**
Effective Federal Tax Rate	T0	**15.0%**
Effective Ontario Tax Rate	T0	**11.5%**

Calculation of Adjustments required to arrive at Taxable Income			
Regulatory Income (before income taxes)	T1	43,286,802	
Taxable Income	T1	3,161,267	
Difference	calculated	-40,125,535	as above

Income Tax/PILs Workform for 2020 Filers

Integrity Checks

The applicant must ensure the following integrity checks have been completed and confirm this is the case in the table below, or provide an explanation if this is not the case:

	Item	Utility Confirmation (Y/N)	Notes
1	The depreciation and amortization added back in the application's PILs model agree with the numbers disclosed in the rate base section of the application	Y	
2	The capital additions and deductions in the CCA Schedule 8 agree with the rate base section for historical, bridge and test years	Y	
3	Schedule 8 of the most recent federal T2 tax return filed with the application has a closing December 31 historical year UCC that agrees with the opening (January 1) bridge year UCC. If the amounts do not agree, then the applicant must provide a reconciliation with explanations. Distributors must segregate non-distribution tax amounts on Schedule 8.	Y	
4	The CCA deductions in the application's PILs tax model for historical, bridge and test years (as applicable) agree with the numbers in the CCA Schedule 8 for the same years filed in the application	Y	
5	Loss carry-forwards, if any, from prior year tax returns' Schedule 4 agree with those disclosed in the application	NA	
6	A discussion is included in the application as to when the loss carry-forwards, if any, will be fully utilized	NA	
7	CCA is maximized even if there are tax loss carry-forwards	Y	
8	Other post-employment benefits and pension expenses that are added back on Schedule 1 to reconcile accounting income to net income for tax purposes agree with the OM&A analysis for compensation. The amounts deducted are reasonable when compared with the notes to the audited financial statements, Financial Services Commission of Ontario reports, and actuarial valuations.	Y	
9	The income tax rate used to calculate the tax expense is consistent with the utility's actual tax facts and evidence filed in the application	Y	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

			Test Year	Bridge Year
Rate Base		S	**$ 1,218,659,973**	**$ 1,148,588,308**

Return on Ratebase

Deemed ShortTerm Debt %	4.00%	T	$ 48,746,399	*W = S * T*	
Deemed Long Term Debt %	56.00%	U	$ 682,449,585	*X = S * U*	
Deemed Equity %	40.00%	V	$ 487,463,989	*Y = S * V*	
Short Term Interest Rate	2.75%	Z	$ 1,340,526	*AC = W * Z*	
Long Term Interest	3.35%	AA	$ 22,862,061	*AD = X * AA*	
Return on Equity (Regulatory Income)	8.88%	AB	**$ 43,286,802**	*AE = Y * AB*	T1
Return on Rate Base			**$ 67,489,389**	*AF = AC + AD + AE*	

Questions that must be answered

	Historical Year	Bridge Year	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any SRED Expenditures?	Yes	Yes	Yes
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? *If Yes, please describe the tax treatment in the manager's summary.*	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Tax Rates **Federal & Provincial** **As of MMM XX, 2019**	**Effective January 1, 2015**	**Effective January 1, 2016**	**Effective January 1, 2017**	**Effective January 1, 2018**	**Effective January 1, 2019**	**Effective January 1, 2020**
Federal income tax						
General Corporate Rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal Tax Abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted Federal Rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate Reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario Income Tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined Federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business						
Federal Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Federal Small Business Rate	11.00%	10.50%	10.50%	10.00%	9.00%	9.00%
Ontario Small Business Rate	4.50%	4.50%	4.50%	3.50%	3.50%	3.50%

Notes

1. The Ontario Energy Board's proxy for taxable capital is rate base.
2. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Historical Year

Note: Input the actual information from the tax returns for the historical year.

					Wires Only	
Regulatory Taxable Income				H1	$ 5,188,698	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**			
	Federal tax rate (Maximum 15%)	15.00%	**C**			
	Combined tax rate (Maximum 26.5%)				26.50%	**D = B+C**
Total Income Taxes					**$ 1,375,005**	**E = A * D**
Investment Tax Credits					$ 167,000	**F**
Miscellaneous Tax Credits					$ -	**G**
Total Tax Credits					**$ 167,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Historical Year					**$ 1,208,005**	**I = E - H**

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Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	**(A + 101 + 102)**	38,186,608		38,186,608
Additions:				
Interest and penalties on taxes	103	5,000		5,000
Amortization of tangible assets	104	48,764,468		48,764,468
Amortization of intangible assets	106			0
Recapture of capital cost allowance from Schedule 8	107			0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108			0
Loss in equity of subsidiaries and affiliates	110			0
Loss on disposal of assets	111	1,000,000		1,000,000
Charitable donations and gifts from Schedule 2	112			0
Taxable capital gains from Schedule 6	113			0
Political contributions	114			0
Deferred and prepaid expenses	116			0
Scientific research expenditures deducted on financial statements	118			0
Capitalized interest	119			0
Non-deductible club dues and fees	120			0
Non-deductible meals and entertainment expense	121	85,000		85,000
Non-deductible automobile expenses	122			0
Non-deductible life insurance premiums	123			0
Non-deductible company pension plans	124			0
Tax reserves deducted in prior year	125	2,367,712		2,367,712
Reserves from financial statements – balance at the end of the year	126	3,183,844		3,183,844
Soft costs on construction and renovation of buildings	127			0
Capital items expensed	206			0
Debt issue expense	208			0
Development expenses claimed in current year	212			0
Financing fees deducted in books	216			0
Gain on settlement of debt	220			0
Non-deductible advertising	226			0
Non-deductible interest	227			0
Non-deductible legal and accounting fees	228			0
Recapture of SR&ED expenditures	231			0
Share issue expense	235			0
Write down of capital property	236			0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237			0
Other additions				
Interest Expensed on Capital Leases	295			0
Realized Income from Deferred Credit Accounts	295			0
Pensions	295	780,000		780,000
Non-deductible penalties	295			0
	295			0
	295			0
ARO Accretion expense				0
Capital Contributions Received (ITA 12(1)(x))				0
Lease Inducements Received (ITA 12(1)(x))				0
Deferred Revenue (ITA 12(1)(a))				0
Prior Year Investment Tax Credits received				0
Current Year Investment Tax Credits received		167,000		167,000
				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**56,353,024**	**0**	**56,353,024**
Deductions:				
Gain on disposal of assets per financial statements	401			0
Non-taxable dividends under section 83	402			0
Capital cost allowance from Schedule 8	403	81,147,402		81,147,402
Terminal loss from Schedule 8	404			0
Allowable business investment loss	406			0
Deferred and prepaid expenses	409			0
Scientific research expenses claimed in year	411			0
Tax reserves claimed in current year	413	2,367,712		2,367,712
Reserves from financial statements - balance at beginning of year	414	3,183,844		3,183,844
Contributions to deferred income plans	416	680,000		680,000
Book income of joint venture or partnership	305			0
Equity in income from subsidiary or affiliates	306			0
Other deductions				
Interest capitalized for accounting deducted for tax	395			0
Capital Lease Payments	395			0
Non-taxable imputed interest income on deferral and variance accounts	395			0
	395			0
	395			0
ARO Payments - Deductible for Tax when Paid				0
ITA 13(7.4) Election - Capital Contributions Received				0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				0
Deferred Revenue - ITA 20(1)(m) reserve				0
Principal portion of lease payments				0
Lease Inducement Book Amortization credit to income				0
Financing fees for tax ITA 20(1)(e) and (e.1)				0
Scientific Research & Experimental Development Expenses		1,971,976		1,971,976
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**89,350,934**	**0**	**89,350,934**
Net Income for Tax Purposes		**5,188,698**	**0**	**5,188,698**
Charitable donations from Schedule 2	311			0
Taxable dividends received under section 112 or 113	320			0
Non-capital losses of previous tax years from Schedule 4	331			0
Net capital losses of previous tax years from Schedule 4	332			0
Limited partnership losses of previous tax years from Schedule 4	335			0
TAXABLE INCOME		**5,188,698**	**0**	**5,188,698**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Historical

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

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Income Tax/PILs Workform for 2020 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Buildings, Distribution System (acq'd post 1987)	$ 152,595,540	$ 811,249	$ 151,784,291
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	$ 88,402,966	$ 1,165,912	$ 87,237,054
2	Distribution System (acq'd pre 1988)	$ 46,603,349		$ 46,603,349
3	Buildings (acq'd pre 1988)	$ 5,323,389		$ 5,323,389
6	Certain Buildings; Fences			$ -
8	General Office Equipment, Furniture, Fixtures	$ 15,918,211		$ 15,918,211
10	Motor Vehicles, Fleet	$ 2,936,170		$ 2,936,170
10.1	Certain Automobiles			$ -
12	Computer Application Software (Non-Systems)			$ -
13_1	Lease # 1			$ -
13_2	Lease # 2			$ -
13_3	Lease # 3			$ -
13_4	Lease # 4			$ -
14	Limited Period Patents, Franchises, Concessions or Licences			$ -
14.1	Eligible Capital Property (acq'd pre 2017)	$ 10,026,318		$ 10,026,318
14.1	Eligible Capital Property (acq'd post 2016)	$ 13,910,257		$ 13,910,257
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	$ 1,029,034		$ 1,029,034
42	Fibre Optic Cable	$ 3,005,414		$ 3,005,414
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment			$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	$ 2,674	$ 2,674	$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	$ 1,315		$ 1,315
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)			$ -
47	Distribution System (acq'd post Feb 22/05)	$ 564,770,814		$ 564,770,814
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	$ 1,114,070		$ 1,114,070
95	CWIP			$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
	SUB-TOTAL - UCC	905,639,521	1,979,835	903,659,686

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only	
Capital gains reserves ss.40(1)			0	B13
Tax reserves not deducted for accounting purposes				
Reserve for doubtful accounts ss. 20(1)(l)	2,367,712		2,367,712	B13
Reserve for undelivered goods and services not rendered ss. 20(1)(m)			0	B13
Reserve for unpaid amounts ss. 20(1)(n)			0	B13
Debt & share issue expenses ss. 20(1)(e)			0	B13
Other tax reserves			0	B13
			0	
			0	
			0	
			0	
			0	
Total	**2,367,712**	**0**	**2,367,712**	
Financial Statement Reserves (not deductible for Tax Purposes)				
General reserve for inventory obsolescence (non-specific)			0	B13
General reserve for bad debts	3,183,844		3,183,844	B13
Accrued Employee Future Benefits:			0	B13
- Medical and Life Insurance			0	B13
-Short & Long-term Disability			0	B13
-Accmulated Sick Leave			0	B13
- Termination Cost			0	B13
- Other Post-Employment Benefits			0	B13
Provision for Environmental Costs			0	B13
Restructuring Costs			0	B13
Accrued Contingent Litigation Costs			0	B13
Accrued Self-Insurance Costs			0	B13
Other Contingent Liabilities			0	B13
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0	B13
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0	B13
Other			0	B13
			0	
			0	
Total	**3,183,844**	**0**	**3,183,844**	

Income Tax/PILs Workform for 2020 Filers

PILS Tax Provision - Bridge Year

	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate		Reference	Wires Only	
Regulatory Taxable Income						B1	$ 7,031,222	A
Ontario (Max 11.5%)	11.5%	11.5%	$ 808,591	11.5%	B			
Federal (Max 15%)	15.0%	15.0%	########	15.0%	C			
Combined effective tax rate (Max 26.5%)							26.50%	D = B + C
Total Income Taxes							**$ 1,863,274**	E = A * D
Investment Tax Credits							$ 127,000	F
Miscellaneous Tax Credits							$ -	G
Total Tax Credits							**$ 127,000**	H = F + G
Corporate PILs/Income Tax Provision for Bridge Year							**$ 1,736,274**	I = E - H

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	(A + 101 + 102)		41,257,292
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets	104		51,089,510
Amortization of intangible assets	106		
Recapture of capital cost allowance from Schedule 8	107	B8	0
Income inclusion under subparagraph 13(38)(d)(iii)	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,000,000
Charitable donations and gifts from Schedule 2	112		
Taxable capital gains	113		
Political contributions	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves deducted in prior year	125	B13	2,367,712
Reserves from financial statements- balance at end of year	126	B13	3,183,844
Soft costs on construction and renovation of buildings	127		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		
Other Additions			
Interest Expensed on Capital Leases	295		
Realized Income from Deferred Credit Accounts	295		
Pensions	295		780,000
Non-deductible penalties	295		
	295		
	295		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits received			127,000
Total Additions			**58,638,066**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	B8	84,404,393
Terminal loss from Schedule 8	404	B8	0
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves claimed in current year	413	B13	2,367,712
Reserves from financial statements - balance at beginning of year	414	B13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions			
Interest capitalized for accounting deducted for tax	395		
Capital Lease Payments	395		
Non-taxable imputed interest income on deferral and variance accounts	395		
Scientific Research & Experimental Development Expenses	395		2,228,187
	395		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**92,864,136**
Net Income for Tax Purposes		calculated	**7,031,222**
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of previous tax years from Schedule 4	331	B4	0
Net capital losses of previous tax years from Schedule 4	332	B4	0
Limited partnership losses of previous tax years from Schedule 4	335		
TAXABLE INCOME		calculated	**7,031,222**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Corporation Loss Continuity and Application

Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year	B1	0	
Loss Carry Forward Generated in Bridge Year (if any)	B1	0	
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year			
Loss Carry Forward Generated in Bridge Year (if any)	B1		
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Bridge Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the bridge year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the bridge year (column 9 minus column 17)	Working Paper Reference
1	Buildings, Distribution System (acq'd post 1987)	H8	$ 151,784,291							$ 151,784,291	$ -	$ -	0.50	$ -	$ -	4%			$ 6,071,372		$ 145,712,919	T8
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	H8	$ 87,237,054	$ 1,060,433	$ 1,060,433					$ 88,297,487	$ -	$ 1,060,433	0.50	$ 530,216	$ -	6%			$ 5,329,662		$ 82,967,825	T8
2	Distribution System (acq'd pre 1988)	H8	$ 46,603,349							$ 46,603,349	$ -	$ -		$ -	$ -	6%			$ 2,796,201		$ 43,807,148	T8
3	Buildings (acq'd pre 1988)	H8	$ 5,323,389							$ 5,323,389	$ -	$ -		$ -	$ -	5%			$ 266,169		$ 5,057,220	T8
6	Certain Buildings; Fences	H8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -	T8
8	General Office Equipment, Furniture, Fixtures	H8	$ 15,918,211	$ 1,987,581	$ 1,987,581					$ 17,905,792	$ -	$ 1,987,581	0.50	$ 993,790	$ -	20%			$ 3,779,916		$ 14,125,875	T8
10	Motor Vehicles, Fleet	H8	$ 2,936,170	$ 180,773	$ 180,773					$ 3,116,943	$ -	$ 180,773	0.50	$ 90,387	$ -	30%			$ 962,199		$ 2,154,744	T8
10.1	Certain Automobiles	H8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
12	Computer Application Software (Non-Systems)	H8	$ -	$ 8,213,711	$ 8,213,711					$ 8,213,711	$ -	$ 8,213,711	0.00	$ -	$ -	100%			$ 8,213,711		$ -	T8
13_1	Lease # 1	H8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_2	Lease # 2	H8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_3	Lease # 3	H8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_4	Lease # 4	H8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14	Limited Period Patents, Franchises, Concessions or Licences	H8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	H8	$ 10,026,318							$ 10,026,318	$ -	$ -		$ -	$ -	7%			$ 701,842		$ 9,324,476	T8
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	H8	$ 13,910,257	$ 913,789	$ 913,789					$ 14,824,046	$ -	$ 913,789	0.50	$ 456,895	$ -	5%			$ 764,047		$ 14,059,999	T8
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	H8	$ 1,029,034							$ 1,029,034	$ -	$ -	0.50	$ -	$ -	8%			$ 82,323		$ 946,711	T8
42	Fibre Optic Cable	H8	$ 3,005,414	$ 30,621	$ 30,621					$ 3,036,035	$ -	$ 30,621	0.50	$ 15,311	$ -	12%			$ 366,162		$ 2,669,874	T8
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -							$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -	T8
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ 95,364	$ 95,364					$ 95,364	$ -	$ 95,364	1.00	$ 95,364	$ -	50%			$ 95,364		$ -	T8
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	H8	$ 1,315							$ 1,315	$ -	$ -		$ -	$ -	45%			$ 592		$ 723	T8
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
47	Distribution System (acq'd post Feb 22/05)	H8	$ 564,770,814	$ 66,436,539	$ 66,436,539					$ 631,207,353	$ -	$ 66,436,539	0.50	$ 33,218,270	$ -	8%			$ 53,154,050		$ 578,053,303	T8
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	H8	$ 1,114,070	$ 1,464,296	$ 1,464,296					$ 2,578,366	$ -	$ 1,464,296	0.50	$ 732,148	$ -	55%			$ 1,820,783		$ 757,583	T8
95	CWIP	H8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
	TOTALS		**$ 903,659,686**	**$ 80,383,107**	**$ 80,383,107**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 984,042,793**	**$ -**	**$ 80,383,107**		**$ 36,132,380**	**$ -**		**$ -**	**$ -**	**$ 84,404,393**	B1	**$ 899,638,401**	

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

Description	Reference	Historical Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Bridge Year Adjustments Additions	Bridge Year Adjustments Disposals	Balance for Bridge Year		Change During the Year	Disallowed Expenses
Capital gains reserves ss.40(1)	H13	0		0				0	T13	0	
Tax Reserves Not Deducted for Accounting Purposes											
Reserve for doubtful accounts ss. 20(1)(l)	H13	2,367,712		2,367,712				2,367,712	T13	0	
Reserve for goods and services not delivered ss. 20(1)(m)	H13	0		0				0	T13	0	
Reserve for unpaid amounts ss. 20(1)(n)	H13	0		0				0	T13	0	
Debt & share issue expenses ss. 20(1)(e)	H13	0		0				0	T13	0	
Other tax reserves	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	B1	**0**	**0**	**2,367,712**	B1	**0**	**0**
Financial statement reserves (not deductible for tax purposes)											
General Reserve for Inventory Obsolescence (non-specific)	H13	0		0				0	T13	0	
General Reserve for Bad Debts	H13	3,183,844		3,183,844				3,183,844	T13	0	
Accrued Employee Future Benefits:	H13	0		0				0	T13	0	
- Medical and Life Insurance	H13	0		0				0	T13	0	
- Short & Long-term Disability	H13	0		0				0	T13	0	
- Accumulated Sick Leave	H13	0		0				0	T13	0	
- Termination Cost	H13	0		0				0	T13	0	
- Other Post-Employment Benefits	H13	0		0				0	T13	0	
Provision for Environmental Costs	H13	0		0				0	T13	0	
Restructuring Costs	H13	0		0				0	T13	0	
Accrued Contingent Litigation Costs	H13	0		0				0	T13	0	
Accrued Self-Insurance Costs	H13	0		0				0	T13	0	
Other Contingent Liabilities	H13	0		0				0	T13	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	H13	0		0				0	T13	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	H13	0		0				0	T13	0	
Other	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	B1	**0**	**0**	**3,183,844**	B1	**0**	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Test Year

							Wires Only	
Regulatory Taxable Income						T1	$ 3,161,267	A
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	$ 363,546	11.5%	B			
Federal (Max 15%)	15.0%	15.0%	$ 474,190	15.0%	C			
Combined effective tax rate (Max 26.5%)							26.50%	D = B + C
Total Income Taxes							**$ 837,736**	E = A * D
Investment Tax Credits							$ 85,000	F
Miscellaneous Tax Credits							$ -	G
Total Tax Credits							**$ 85,000**	H = F + G
Corporate PILs/Income Tax Provision for Test Year							**$ 752,736**	I = E - H S. Su
Corporate PILs/Income Tax Provision Gross Up [1]					73.50%	J = 1-D	**$ 271,395**	K = I/J-I
Income Tax (grossed-up)							**$ 1,024,130**	L = K + I S. Su

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Taxable Income - Test Year

	T2 S1 line #	Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	43,286,802
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		52,893,483
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106		
Recapture of capital cost allowance from Schedule 8	107	T8	0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,000,000
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves beginning of year	125	T13	2,367,712
Reserves from financial statements- balance at end of year	126	T13	3,183,844
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		
Other Additions			
Interest Expensed on Capital Leases	295		
Realized Income from Deferred Credit Accounts	295		
Pensions	295		780,000
Non-deductible penalties	295		
	295		
	295		
	295		
	295		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits Received			85,000
Total Additions			**60,400,039**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	92,475,735
Terminal loss from Schedule 8	404	T8	0
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves end of year	413	T13	2,367,712
Reserves from financial statements - balance at beginning of year	414	T13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions			
Interest capitalized for accounting deducted for tax	395		
Capital Lease Payments	395		
Non-taxable imputed interest income on deferral and variance accounts	395		
Scientific Research & Experimental Development Expenses	395		1,818,283
	395		
	395		
	395		
	395		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**100,525,574**
NET INCOME FOR TAX PURPOSES		calculated	**3,161,267**
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of previous tax years from Schedule 4	331	T4	0
Net capital losses of previous tax years from Schedule 4	332	T4	0
Limited partnership losses of previous tax years from Schedule 4	335		
REGULATORY TAXABLE INCOME		calculated	**3,161,267**

T0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Working Paper Reference	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years	T1	0		0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	calculated	0		0
Loss Carry Forward Generated in Test Year (if any)	T1	0		0
Other Adjustments				0
Balance available for use in Future Years	calculated	0		0

Net Capital Loss Carry Forward Deduction		Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years				0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	T1	0		0
Loss Carry Forward Generated in Test Year (if any)				0
Other Adjustments				0
Balance available for use in Future Years		0		0

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Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Test Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the test year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the test year (column 9 minus column 17)
1	Buildings, Distribution System (acq'd post 1987)	B8	$ 145,712,919							$ 145,712,919	$ -	$ -	0.50	$ -	$ -	4%			$ 5,828,517		$ 139,884,403
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	B8	$ 82,967,825	1,077,498	1,077,498					$ 84,045,323	$ -	$ 1,077,498	0.50	$ 538,749	$ -	6%			$ 5,075,044		$ 78,970,278
2	Distribution System (acq'd pre 1988)	B8	$ 43,807,148							$ 43,807,148	$ -	$ -		$ -	$ -	6%			$ 2,628,429		$ 41,178,719
3	Buildings (acq'd pre 1988)	B8	$ 5,057,220							$ 5,057,220	$ -	$ -		$ -	$ -	5%			$ 252,861		$ 4,804,359
6	Certain Buildings; Fences	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -
8	General Office Equipment, Furniture, Fixtures	B8	$ 14,125,875	5,000,238	5,000,238					$ 19,126,113	$ -	$ 5,000,238	0.50	$ 2,500,119	$ -	20%			$ 4,325,246		$ 14,800,867
10	Motor Vehicles, Fleet	B8	$ 2,154,744	6,124,426	6,124,426					$ 8,279,170	$ -	$ 6,124,426	0.50	$ 3,062,213	$ -	30%			$ 3,402,415		$ 4,876,755
10.1	Certain Automobiles	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
12	Computer Application Software (Non-Systems)	B8	$ -	7,213,134	7,213,134					$ 7,213,134	$ -	$ 7,213,134	0.00	$ -	$ -	100%			$ 7,213,134		$ -
13 1	Lease # 1	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 2	Lease # 2	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 3	Lease # 3	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 4	Lease # 4	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14	Limited Period Patents, Franchises, Concessions or Licences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	B8	$ 9,324,476							$ 9,324,476	$ -	$ -		$ -	$ -	7%			$ 652,713		$ 8,671,762
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	B8	$ 14,059,999	51,229,464	51,229,464					$ 65,289,463	$ -	$ 51,229,464	0.50	$ 25,614,732	$ -	5%			$ 4,545,210		$ 60,744,253
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	B8	$ 946,711							$ 946,711	$ -	$ -	0.50	$ -	$ -	8%			$ 75,737		$ 870,974
42	Fibre Optic Cable	B8	$ 2,669,874	17,278	17,278					$ 2,687,152	$ -	$ 17,278	0.50	$ 8,639	$ -	12%			$ 323,495		$ 2,363,657
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -	1,170,650	1,170,650					$ 1,170,650	$ -	$ 1,170,650	1.00	$ 1,170,650	$ -	50%			$ 1,170,650		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	B8	$ 723							$ 723	$ -	$ -		$ -	$ -	45%			$ 325		$ 398
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	B8	$ 578,053,303	75,744,947	75,744,947					$ 653,798,250	$ -	$ 75,744,947	0.50	$ 37,872,474	$ -	8%			$ 55,333,658		$ 598,464,592
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	B8	$ 757,583	1,492,884	1,492,884					$ 2,250,467	$ -	$ 1,492,884	0.50	$ 746,442	$ -	55%			$ 1,648,300		$ 602,167
95	CWIP	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
	TOTALS		$ 899,638,401	$ 149,070,519	$ 149,070,519	$ -	$ -	$ -	$ -	$ 1,048,708,920	$ -	$ 149,070,519		$ 71,514,018	$ -		$ -	$ -	$ 92,475,735	T1	$ 956,233,185

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Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Test Year	Adjusted Utility Balance		Test Year Adjustments		Balance for Test Year		Change During the Year	Disallowed Expenses
						Additions	Disposals				
Capital Gains Reserves ss.40(1)	B13	0		0				0		0	
Tax Reserves Not Deducted for accounting purposes											
Reserve for doubtful accounts ss. 20(1)(l)	B13	2,367,712		2,367,712				2,367,712		0	
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0		0				0		0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0		0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0		0	
Other tax reserves	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	T1	**0**	**0**	**2,367,712**	T1	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	B13	0		0				0		0	
General reserve for bad debts	B13	3,183,844		3,183,844				3,183,844		0	
Accrued Employee Future Benefits:	B13	0		0				0		0	
- Medical and Life Insurance	B13	0		0				0		0	
-Short & Long-term Disability	B13	0		0				0		0	
-Accmulated Sick Leave	B13	0		0				0		0	
- Termination Cost	B13	0		0				0		0	
- Other Post-Employment Benefits	B13	0		0				0		0	
Provision for Environmental Costs	B13	0		0				0		0	
Restructuring Costs	B13	0		0				0		0	
Accrued Contingent Litigation Costs	B13	0		0				0		0	
Accrued Self-Insurance Costs	B13	0		0				0		0	
Other Contingent Liabilities	B13	0		0				0		0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	B13	0		0				0		0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	B13	0		0				0		0	
Other	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	T1	**0**	**0**	**3,183,844**	T1	**0**	**0**

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Income Tax/PILs Workform for 2020 Filers

Version **1.10**

Utility Name	Hydro Ottawa Limited
Assigned EB Number	EB-2019-0261
Name and Title	Gregory Van Dusen, Director, Regulatory Affairs
Phone Number	613-738-5499,7472
Email Address	RegulatoryAffairs@hydroottawa.com
Date	ORIGINAL
Last COS Re-based Year	2016

Note: Drop-down lists are shaded blue; Input cells are shaded green.

Instructions

Purpose
The purpose of this workbook is to calculate the estimated Payment in Lieu of Taxes (PILs) for the Test Year. The calculation of PILs for the Test Year is on tab T0 and is based on the inputs on the other tabs.

Tab S Summary is a summary of the amounts to be transferred to the Data Input Sheet of the Revenue Requirement Workform.

Tab S1 Integrity Checks must be completed after the completion of the PILs calculation in this workbook.

Methodology
To calculate the PILs for the Test Year:

1) input the balances from the income tax return of the Historical Year in tabs H1 to H13.
2) input the balances for the Bridge Year and the Test Year.
Inputs should include:
- non-deductible expenses (Schedule 1 - B1 and T1)
- loss carryforward (Schedule 4 - B4 and T4)
- capital cost allowance (Schedule 8 - B8 and T8)
- non-deductible reserves (Schedule 13 - B13 and T13)

3) make any other adjustments and inputs required so that the PILs amount calculated for the Test Year on tab T0 is reasonable.

Other Notes
Tabs H0 to H13 relate to the Historical Year.
Tabs B0 to B13 relate to the Bridge Year.
Tabs T0 to T13 relate to the Test Year.

The amounts on tabs H0 to H13 should agree to the tax return filed with the Canada Revenue Agency. Any CRA audit adjustments or corrections should also be reflected.

It is assumed the net income before tax for the Test Year is equal to the Return on Equity. Return on Equity is calculated on tab A.

On tab "A. Data Input Sheet", input the "Rate Base" amount and "Return on Rate Base" amounts.

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Income Tax/PILs Workform for 2020 Filers

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No inputs required on this worksheet.

Inputs on Service Revenue Requirement Worksheet

The Service Revenue Requirement is in the 'Revenue Requirement Workform' - Tab 3.

Item	Working Paper Reference		
Adjustments required to arrive at taxable income	as below	**-32,846,125**	
Test Year - Payments in Lieu of Taxes (PILs)	T0	**3,829,873**	
Test Year - Grossed-up PILs	T0	**5,210,712**	
Effective Federal Tax Rate	T0	**15.0%**	
Effective Ontario Tax Rate	T0	**11.5%**	
Calculation of Adjustments required to arrive at Taxable Income			
Regulatory Income (before income taxes)	T1	47,619,231	
Taxable Income	T1	14,773,106	
Difference	calculated	-32,846,125	as above

Income Tax/PILs Workform for 2020 Filers

Integrity Checks

The applicant must ensure the following integrity checks have been completed and confirm this is the case in the table below, or provide an explanation if this is not the case:

	Item	**Utility Confirmation (Y/N)**	**Notes**
1	The depreciation and amortization added back in the application's PILs model agree with the numbers disclosed in the rate base section of the application	Y	
2	The capital additions and deductions in the CCA Schedule 8 agree with the rate base section for historical, bridge and test years	Y	
3	Schedule 8 of the most recent federal T2 tax return filed with the application has a closing December 31 historical year UCC that agrees with the opening (January 1) bridge year UCC. If the amounts do not agree, then the applicant must provide a reconciliation with explanations. Distributors must segregate non-distribution tax amounts on Schedule 8.	Y	
4	The CCA deductions in the application's PILs tax model for historical, bridge and test years (as applicable) agree with the numbers in the CCA Schedule 8 for the same years filed in the application	Y	
5	Loss carry-forwards, if any, from prior year tax returns' Schedule 4 agree with those disclosed in the application	NA	
6	A discussion is included in the application as to when the loss carry-forwards, if any, will be fully utilized	NA	
7	CCA is maximized even if there are tax loss carry-forwards	Y	
8	Other post-employment benefits and pension expenses that are added back on Schedule 1 to reconcile accounting income to net income for tax purposes agree with the OM&A analysis for compensation. The amounts deducted are reasonable when compared with the notes to the audited financial statements, Financial Services Commission of Ontario reports, and actuarial valuations.	Y	
9	The income tax rate used to calculate the tax expense is consistent with the utility's actual tax facts and evidence filed in the application	Y	

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Income Tax/PILs Workform for 2020 Filers

				Test Year	Bridge Year		
Rate Base		S	$	**1,303,921,994**	**$ 1,218,659,973**		
Return on Ratebase							
Deemed ShortTerm Debt %	4.00%	T	$	52,156,880		*W = S * T*	
Deemed Long Term Debt %	56.00%	U	$	730,196,317		*X = S * U*	
Deemed Equity %	40.00%	V	$	521,568,798		*Y = S * V*	
Short Term Interest Rate	2.75%	Z	$	1,434,314		*AC = W * Z*	
Long Term Interest	3.36%	AA	$	24,534,596		*AD = X * AA*	
Return on Equity (Regulatory Income)	9.13%	AB	**$**	**47,619,231**		*AE = Y * AB*	T1
Return on Rate Base			**$**	**73,588,142**		*AF = AC + AD + AE*	

Questions that must be answered

	Historical Year	Bridge Year	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any SRED Expenditures?	Yes	Yes	Yes
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? *If Yes, please describe the tax treatment in the manager's summary.*	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

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Income Tax/PILs Workform for 2020 Filers

Tax Rates Federal & Provincial As of MMM XX, 2019	Effective January 1, 2015	Effective January 1, 2016	Effective January 1, 2017	Effective January 1, 2018	Effective January 1, 2019	Effective January 1, 2020
Federal income tax						
General Corporate Rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal Tax Abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted Federal Rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate Reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario Income Tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined Federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business						
Federal Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Federal Small Business Rate	11.00%	10.50%	10.50%	10.00%	9.00%	9.00%
Ontario Small Business Rate	4.50%	4.50%	4.50%	3.50%	3.50%	3.50%

Notes

1. The Ontario Energy Board's proxy for taxable capital is rate base.
2. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Historical Year

Note: Input the actual information from the tax returns for the historical year.

					Wires Only	
Regulatory Taxable Income				H1	$ 7,031,222	A
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	B			
	Federal tax rate (Maximum 15%)	15.00%	C			
	Combined tax rate (Maximum 26.5%)				26.50%	D = B+C
Total Income Taxes					**$ 1,863,274**	E = A * D
Investment Tax Credits					$ 127,000	F
Miscellaneous Tax Credits					$ -	G
Total Tax Credits					**$ 127,000**	H = F + G
Corporate PILs/Income Tax Provision for Historical Year					**$ 1,736,274**	I = E - H

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	(A + 101 + 102)	41,257,292		41,257,292
Additions:				
Interest and penalties on taxes	103	5,000		5,000
Amortization of tangible assets	104	51,089,510		51,089,510
Amortization of intangible assets	106	0		0
Recapture of capital cost allowance from Schedule 8	107	0		0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108	0		0
Loss in equity of subsidiaries and affiliates	110	0		0
Loss on disposal of assets	111	1,000,000		1,000,000
Charitable donations and gifts from Schedule 2	112	0		0
Taxable capital gains from Schedule 6	113	0		0
Political contributions	114	0		0
Deferred and prepaid expenses	116	0		0
Scientific research expenditures deducted on financial statements	118	0		0
Capitalized interest	119	0		0
Non-deductible club dues and fees	120	0		0
Non-deductible meals and entertainment expense	121	85,000		85,000
Non-deductible automobile expenses	122	0		0
Non-deductible life insurance premiums	123	0		0
Non-deductible company pension plans	124	0		0
Tax reserves deducted in prior year	125	2,367,712		2,367,712
Reserves from financial statements – balance at the end of the year	126	3,183,844		3,183,844
Soft costs on construction and renovation of buildings	127	0		0
Capital items expensed	206	0		0
Debt issue expense	208	0		0
Development expenses claimed in current year	212	0		0
Financing fees deducted in books	216	0		0
Gain on settlement of debt	220	0		0
Non-deductible advertising	226	0		0
Non-deductible interest	227	0		0
Non-deductible legal and accounting fees	228	0		0
Recapture of SR&ED expenditures	231	0		0
Share issue expense	235	0		0
Write down of capital property	236	0		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	0		0
Other additions				
Interest Expensed on Capital Leases	295	0		0
Realized Income from Deferred Credit Accounts	295	0		0
Pensions	295	780,000		780,000
Non-deductible penalties	295	0		0
	295	0		0
	295	0		0
ARO Accretion expense		0		0
Capital Contributions Received (ITA 12(1)(x))		0		0
Lease Inducements Received (ITA 12(1)(x))		0		0
Deferred Revenue (ITA 12(1)(a))		0		0
Prior Year Investment Tax Credits received		0		0
Current Year Investment Tax Credits received		127,000		127,000
				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**58,638,066**	**0**	**58,638,066**
Deductions:				
Gain on disposal of assets per financial statements	401	0		0
Non-taxable dividends under section 83	402	0		0
Capital cost allowance from Schedule 8	403	84,404,393		84,404,393
Terminal loss from Schedule 8	404	0		0
Allowable business investment loss	406	0		0
Deferred and prepaid expenses	409	0		0
Scientific research expenses claimed in year	411	0		0
Tax reserves claimed in current year	413	2,367,712		2,367,712
Reserves from financial statements - balance at beginning of year	414	3,183,844		3,183,844
Contributions to deferred income plans	416	680,000		680,000
Book income of joint venture or partnership	305	0		0
Equity in income from subsidiary or affiliates	306	0		0
Other deductions				
Interest capitalized for accounting deducted for tax	395	0		0
Capital Lease Payments	395	0		0
Non-taxable imputed interest income on deferral and variance accounts	395	0		0
Scientific Research & Experimental Development Expenses	395	2,228,187		2,228,187
	395	0		0
ARO Payments - Deductible for Tax when Paid		0		0
ITA 13(7.4) Election - Capital Contributions Received		0		0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		0		0
Deferred Revenue - ITA 20(1)(m) reserve		0		0
Principal portion of lease payments		0		0
Lease Inducement Book Amortization credit to income		0		0
Financing fees for tax ITA 20(1)(e) and (e.1)		0		0
				0
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**92,864,136**	**0**	**92,864,136**
Net Income for Tax Purposes		**7,031,222**	**0**	**7,031,222**
Charitable donations from Schedule 2	311	0		0
Taxable dividends received under section 112 or 113	320	0		0
Non-capital losses of previous tax years from Schedule 4	331	0		0
Net capital losses of previous tax years from Schedule 4	332	0		0
Limited partnership losses of previous tax years from Schedule 4	335	0		0
TAXABLE INCOME		**7,031,222**	**0**	**7,031,222**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Historical

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Buildings, Distribution System (acq'd post 1987)	$ 145,712,919		$ 145,712,919
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	$ 82,967,825		$ 82,967,825
2	Distribution System (acq'd pre 1988)	$ 43,807,148		$ 43,807,148
3	Buildings (acq'd pre 1988)	$ 5,057,220		$ 5,057,220
6	Certain Buildings; Fences	$ -		$ -
8	General Office Equipment, Furniture, Fixtures	$ 14,125,875		$ 14,125,875
10	Motor Vehicles, Fleet	$ 2,154,744		$ 2,154,744
10.1	Certain Automobiles	$ -		$ -
12	Computer Application Software (Non-Systems)	$ -		$ -
13 1	Lease # 1	$ -		$ -
13 2	Lease # 2	$ -		$ -
13 3	Lease # 3	$ -		$ -
13 4	Lease # 4	$ -		$ -
14	Limited Period Patents, Franchises, Concessions or Licences	$ -		$ -
14.1	Eligible Capital Property (acq'd pre 2017)	$ 9,324,476		$ 9,324,476
14.1	Eligible Capital Property (acq'd post 2016)	$ 14,059,999		$ 14,059,999
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	$ 946,711		$ 946,711
42	Fibre Optic Cable	$ 2,669,874		$ 2,669,874
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	$ 723		$ 723
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	$ 578,053,303		$ 578,053,303
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	$ 757,583		$ 757,583
95	CWIP	$ -		$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
	SUB-TOTAL - UCC	899,638,401	0	899,638,401

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only	
Capital gains reserves ss.40(1)			0	B13
Tax reserves not deducted for accounting purposes				
Reserve for doubtful accounts ss. 20(1)(l)	2,367,712		2,367,712	B13
Reserve for undelivered goods and services not rendered ss. 20(1)(m)			0	B13
Reserve for unpaid amounts ss. 20(1)(n)			0	B13
Debt & share issue expenses ss. 20(1)(e)			0	B13
Other tax reserves			0	B13
			0	
			0	
			0	
			0	
			0	
Total	**2,367,712**	**0**	**2,367,712**	
Financial Statement Reserves (not deductible for Tax Purposes)				
General reserve for inventory obsolescence (non-specific)			0	B13
General reserve for bad debts	3,183,844		3,183,844	B13
Accrued Employee Future Benefits:			0	B13
- Medical and Life Insurance			0	B13
-Short & Long-term Disability			0	B13
-Accmulated Sick Leave			0	B13
- Termination Cost			0	B13
- Other Post-Employment Benefits			0	B13
Provision for Environmental Costs			0	B13
Restructuring Costs			0	B13
Accrued Contingent Litigation Costs			0	B13
Accrued Self-Insurance Costs			0	B13
Other Contingent Liabilities			0	B13
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0	B13
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0	B13
Other			0	B13
			0	
			0	
Total	**3,183,844**	**0**	**3,183,844**	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILS Tax Provision - Bridge Year

						Reference	Wires Only	
Regulatory Taxable Income						B1	$ 3,161,267	**A**
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	$ 363,546	11.5%	**B**			
Federal (Max 15%)	15.0%	15.0%	$ 474,190	15.0%	**C**			
Combined effective tax rate (Max 26.5%)							26.50%	**D = B + C**
Total Income Taxes							**$ 837,736**	**E = A * D**
Investment Tax Credits							$ 85,000	**F**
Miscellaneous Tax Credits							$ -	**G**
Total Tax Credits							**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Bridge Year							**$ 752,736**	**I = E - H**

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	(A + 101 + 102)		43,286,802
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets	104		52,893,483
Amortization of intangible assets	106		0
Recapture of capital cost allowance from Schedule 8	107	B8	0
Income inclusion under subparagraph 13(38)(d)(iii)	108		
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,000,000
Charitable donations and gifts from Schedule 2	112		0
Taxable capital gains	113		0
Political contributions	114		0
Deferred and prepaid expenses	116		0
Scientific research expenditures deducted on financial statements	118		0
Capitalized interest	119		0
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		0
Non-deductible life insurance premiums	123		0
Non-deductible company pension plans	124		0
Tax reserves deducted in prior year	125	B13	2,367,712
Reserves from financial statements- balance at end of year	126	B13	3,183,844
Soft costs on construction and renovation of buildings	127		0
Capital items expensed	206		0
Debt issue expense	208		0
Development expenses claimed in current year	212		0
Financing fees deducted in books	216		0
Gain on settlement of debt	220		0
Non-deductible advertising	226		0
Non-deductible interest	227		0
Non-deductible legal and accounting fees	228		0
Recapture of SR&ED expenditures	231		0
Share issue expense	235		0
Write down of capital property	236		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		0
Other Additions			
Interest Expensed on Capital Leases	295		0
Realized Income from Deferred Credit Accounts	295		0
Pensions	295		780,000
Non-deductible penalties	295		0
	295		
	295		
ARO Accretion expense			0
Capital Contributions Received (ITA 12(1)(x))			0
Lease Inducements Received (ITA 12(1)(x))			0
Deferred Revenue (ITA 12(1)(a))			0
Prior Year Investment Tax Credits received			0
Current Year Investment Tax Credits received			85,000
Total Additions			**60,400,039**
Deductions:			
Gain on disposal of assets per financial statements	401		0
Dividends not taxable under section 83	402		0
Capital cost allowance from Schedule 8	403	B8	92,475,735
Terminal loss from Schedule 8	404	B8	0
Allowable business investment loss	406		0
Deferred and prepaid expenses	409		0
Scientific research expenses claimed in year	411		0
Tax reserves claimed in current year	413	B13	2,367,712
Reserves from financial statements - balance at beginning of year	414	B13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		0
Equity in income from subsidiary or affiliates	306		0
Other deductions			0
Interest capitalized for accounting deducted for tax	395		0
Capital Lease Payments	395		0
Non-taxable imputed interest income on deferral and variance accounts	395		0
Scientific Research & Experimental Development Expenses	395		1,818,283
	395		0
ARO Payments - Deductible for Tax when Paid			0
ITA 13(7.4) Election - Capital Contributions Received			0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			0
Deferred Revenue - ITA 20(1)(m) reserve			0
Principal portion of lease payments			0
Lease Inducement Book Amortization credit to income			0
Financing fees for tax ITA 20(1)(e) and (e.1)			0
Total Deductions		calculated	**100,525,574**
Net Income for Tax Purposes		calculated	**3,161,267**
Charitable donations	311		0
Taxable dividends received under section 112 or 113	320		0
Non-capital losses of previous tax years from Schedule 4	331	B4	0
Net capital losses of previous tax years from Schedule 4	332	B4	0
Limited partnership losses of previous tax years from Schedule 4	335		0
TAXABLE INCOME		calculated	**3,161,267**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Corporation Loss Continuity and Application

Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year	B1	0	
Loss Carry Forward Generated in Bridge Year (if any)	B1	0	
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year			
Loss Carry Forward Generated in Bridge Year (if any)	B1		
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Bridge Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the bridge year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions
1	Buildings, Distribution System (acq'd post 1987)	H8	$ 145,712,919	$ -	$ -	$ -	$ -	$ -	$ -
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	H8	$ 82,967,825	$ 1,077,498	$ 1,077,498	$ -	$ -	$ -	$ -
2	Distribution System (acq'd pre 1988)	H8	$ 43,807,148			$ -	$ -	$ -	$ -
3	Buildings (acq'd pre 1988)	H8	$ 5,057,220			$ -	$ -	$ -	$ -
6	Certain Buildings; Fences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
8	General Office Equipment, Furniture, Fixtures	H8	$ 14,125,875	$ 5,000,238	$ 5,000,238	$ -	$ -	$ -	$ -
10	Motor Vehicles, Fleet	H8	$ 2,154,744	$ 6,124,426	$ 6,124,426	$ -	$ -	$ -	$ -
10.1	Certain Automobiles	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	Computer Application Software (Non-Systems)	H8	$ -	$ 7,213,134	$ 7,213,134	$ -	$ -	$ -	$ -
13_1	Lease # 1	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13_2	Lease # 2	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13_3	Lease # 3	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13_4	Lease # 4	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
14	Limited Period Patents, Franchises, Concessions or Licences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	H8	$ 9,324,476			$ -	$ -	$ -	$ -
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	H8	$ 14,059,999	$ 51,229,464	$ 51,229,464	$ -	$ -	$ -	$ -
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	H8	$ 946,711	$ -	$ -	$ -	$ -	$ -	$ -
42	Fibre Optic Cable	H8	$ 2,669,874	$ 17,278	$ 17,278	$ -	$ -	$ -	$ -
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ 1,170,650	$ 1,170,650	$ -	$ -	$ -	$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	H8	$ 723			$ -	$ -	$ -	$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
47	Distribution System (acq'd post Feb 22/05)	H8	$ 578,053,303	$ 75,744,947	$ 75,744,947	$ -	$ -	$ -	$ -
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	H8	$ 757,583	$ 1,492,884	$ 1,492,884	$ -	$ -	$ -	$ -
95	CWIP	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -						
		H8	$ -						
		H8	$ -						
		H8	$ -						
		H8	$ -						
		H8	$ -						
		H8	$ -						
	TOTALS		$ 899,638,401	$ 149,070,519	$ 149,070,519	$ -	$ -	$ -	$ -

(1) Class	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the bridge year (column 9 minus column 17)	Working Paper Reference
1	$ 145,712,919	$ -	$ -	0.50	$ -	$ -	4%			$ 5,828,517		$ 139,884,403	T8
1b	$ 84,045,323	$ -	$ 1,077,498	0.50	$ 538,749	$ -	6%			$ 5,075,044		$ 78,970,278	T8
2	$ 43,807,148	$ -	$ -		$ -	$ -	6%			$ 2,628,429		$ 41,178,719	T8
3	$ 5,057,220	$ -	$ -		$ -	$ -	5%			$ 252,861		$ 4,804,359	T8
6	$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -	T8
8	$ 19,126,113	$ -	$ 5,000,238	0.50	$ 2,500,119	$ -	20%			$ 4,325,246		$ 14,800,867	T8
10	$ 8,279,170	$ -	$ 6,124,426	0.50	$ 3,062,213	$ -	30%			$ 3,402,415		$ 4,876,755	T8
10.1	$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
12	$ 7,213,134	$ -	$ 7,213,134	0.00	$ -	$ -	100%			$ 7,213,134		$ -	T8
13_1	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_2	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_3	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_4	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14.1	$ 9,324,476	$ -	$ -		$ -	$ -	7%			$ 652,713		$ 8,671,762	T8
14.1	$ 65,289,463	$ -	$ 51,229,464	0.50	$ 25,614,732	$ -	5%			$ 4,545,210		$ 60,744,253	T8
17	$ 946,711	$ -	$ -	0.50	$ -	$ -	8%			$ 75,737		$ 870,974	T8
42	$ 2,687,152	$ -	$ 17,278	0.50	$ 8,639	$ -	12%			$ 323,495		$ 2,363,657	T8
43.1	$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -	T8
43.2	$ 1,170,650	$ -	$ 1,170,650	1.00	$ 1,170,650	$ -	50%			$ 1,170,650		$ -	T8
45	$ 723	$ -	$ -		$ -	$ -	45%			$ 325		$ 398	T8
46	$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
47	$ 653,798,250	$ -	$ 75,744,947	0.50	$ 37,872,474	$ -	8%			$ 55,333,658		$ 598,464,592	T8
50	$ 2,250,467	$ -	$ 1,492,884	0.50	$ 746,442	$ -	55%			$ 1,648,300		$ 602,167	T8
95	$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
TOTALS	$ 1,048,708,920	$ -	$ 149,070,519		$ 71,514,018	$ -		$ -	$ -	$ 92,475,735	B1	$ 956,233,185	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

						Bridge Year Adjustments					
Description	Reference	Historical Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Additions	Disposals	Balance for Bridge Year		Change During the Year	Disallowed Expenses
Capital gains reserves ss.40(1)	H13	0		0				0	T13	0	
Tax Reserves Not Deducted for Accounting Purposes											
Reserve for doubtful accounts ss. 20(1)(l)	H13	2,367,712		2,367,712				2,367,712	T13	0	
Reserve for goods and services not delivered ss. 20(1)(m)	H13	0		0				0	T13	0	
Reserve for unpaid amounts ss. 20(1)(n)	H13	0		0				0	T13	0	
Debt & share issue expenses ss. 20(1)(e)	H13	0		0				0	T13	0	
Other tax reserves	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	B1	**0**	**0**	**2,367,712**	B1	**0**	**0**
Financial statement reserves (not deductible for tax purposes)											
General Reserve for Inventory Obsolescence (non-specific)	H13	0		0				0	T13	0	
General Reserve for Bad Debts	H13	3,183,844		3,183,844				3,183,844	T13	0	
Accrued Employee Future Benefits:	H13	0		0				0	T13	0	
- Medical and Life Insurance	H13	0		0				0	T13	0	
- Short & Long-term Disability	H13	0		0				0	T13	0	
- Accumulated Sick Leave	H13	0		0				0	T13	0	
- Termination Cost	H13	0		0				0	T13	0	
- Other Post-Employment Benefits	H13	0		0				0	T13	0	
Provision for Environmental Costs	H13	0		0				0	T13	0	
Restructuring Costs	H13	0		0				0	T13	0	
Accrued Contingent Litigation Costs	H13	0		0				0	T13	0	
Accrued Self-Insurance Costs	H13	0		0				0	T13	0	
Other Contingent Liabilities	H13	0		0				0	T13	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	H13	0		0				0	T13	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	H13	0		0				0	T13	0	
Other	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	B1	**0**	**0**	**3,183,844**	B1	**0**	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Test Year

Wires Only

Regulatory Taxable Income T1 $ 14,773,106 **A**

	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate	
Ontario (Max 11.5%)	11.5%	11.5%	$ 1,698,907	11.5%	**B**
Federal (Max 15%)	15.0%	15.0%	$ 2,215,966	15.0%	**C**

Combined effective tax rate (Max 26.5%)		26.50%	**D = B + C**	
Total Income Taxes		**$ 3,914,873**	**E = A * D**	
Investment Tax Credits		$ 85,000	**F**	
Miscellaneous Tax Credits		$ -	**G**	
Total Tax Credits		**$ 85,000**	**H = F + G**	
Corporate PILs/Income Tax Provision for Test Year		**$ 3,829,873**	**I = E - H**	S. Su
Corporate PILs/Income Tax Provision Gross Up [1]	73.50% **J = 1-D**	**$ 1,380,839**	**K = I/J-I**	
Income Tax (grossed-up)		**$ 5,210,712**	**L = K + I**	S. Su

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Taxable Income - Test Year

	T2 S1 line #	Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	47,619,231
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		57,287,688
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106		
Recapture of capital cost allowance from Schedule 8	107	T8	0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,000,000
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves beginning of year	125	T13	2,367,712
Reserves from financial statements- balance at end of year	126	T13	3,183,844
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		
Other Additions			
Interest Expensed on Capital Leases	295		
Realized Income from Deferred Credit Accounts	295		
Pensions	295		780,000
Non-deductible penalties	295		
	295		
	295		
	295		
	295		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits received			85,000
Total Additions			**64,794,244**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	89,671,854
Terminal loss from Schedule 8	404	T8	0
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves end of year	413	T13	2,367,712
Reserves from financial statements - balance at beginning of year	414	T13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions			
Interest capitalized for accounting deducted for tax	395		
Capital Lease Payments	395		
Non-taxable imputed interest income on deferral and variance accounts	395		
Scientific Research & Experimental Development Expenses	395		1,736,959
	395		
	395		
	395		
	395		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**97,640,369**
NET INCOME FOR TAX PURPOSES		calculated	**14,773,106**
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of previous tax years from Schedule 4	331	T4	0
Net capital losses of previous tax years from Schedule 4	332	T4	0
Limited partnership losses of previous tax years from Schedule 4	335		
REGULATORY TAXABLE INCOME		calculated	**14,773,106**

T0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Working Paper Reference	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years	T1	0		0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	calculated	0		0
Loss Carry Forward Generated in Test Year (if any)	T1	0		0
Other Adjustments				0
Balance available for use in Future Years	calculated	0		0

Net Capital Loss Carry Forward Deduction		Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years				0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	T1	0		0
Loss Carry Forward Generated in Test Year (if any)				0
Other Adjustments				0
Balance available for use in Future Years		0		0

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Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Test Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the test year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the test year (column 9 minus column 17)
1	Buildings, Distribution System (acq'd post 1987)	B8	$ 139,884,403							$ 139,884,403	$ -	$ -	0.50	$ -	$ -	4%			$ 5,595,376		$ 134,289,026
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	B8	$ 78,970,278	8,718,645	8,718,645					$ 87,688,923	$ -	$ 8,718,645	0.50	$ 4,359,323	$ -	6%			$ 5,522,895		$ 82,166,029
2	Distribution System (acq'd pre 1988)	B8	$ 41,178,719							$ 41,178,719	$ -	$ -		$ -	$ -	6%			$ 2,470,723		$ 38,707,996
3	Buildings (acq'd pre 1988)	B8	$ 4,804,359							$ 4,804,359	$ -	$ -		$ -	$ -	5%			$ 240,218		$ 4,564,141
6	Certain Buildings; Fences	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -
8	General Office Equipment, Furniture, Fixtures	B8	$ 14,800,867	1,972,289	1,972,289					$ 16,773,156	$ -	$ 1,972,289	0.50	$ 986,145	$ -	20%			$ 3,551,860		$ 13,221,296
10	Motor Vehicles, Fleet	B8	$ 4,876,755	5,223,986	5,223,986					$ 10,100,741	$ -	$ 5,223,986	0.50	$ 2,611,993	$ -	30%			$ 3,813,820		$ 6,286,921
10.1	Certain Automobiles	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
12	Computer Application Software (Non-Systems)	B8	$ -	2,492,749	2,492,749					$ 2,492,749	$ -	$ 2,492,749	0.00	$ -	$ -	100%			$ 2,492,749		$ -
13 ₁	Lease # 1	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 ₂	Lease # 2	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 ₃	Lease # 3	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 ₄	Lease # 4	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14	Limited Period Patents, Franchises, Concessions or Licences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	B8	$ 8,671,762							$ 8,671,762	$ -	$ -		$ -	$ -	7%			$ 607,023		$ 8,064,739
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	B8	$ 60,744,253	215,847	215,847					$ 60,960,100	$ -	$ 215,847	0.50	$ 107,924	$ -	5%			$ 3,053,401		$ 57,906,699
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	B8	$ 870,974							$ 870,974	$ -	$ -	0.50	$ -	$ -	8%			$ 69,678		$ 801,296
42	Fibre Optic Cable	B8	$ 2,363,657	17,278	17,278					$ 2,380,935	$ -	$ 17,278	0.50	$ 8,639	$ -	12%			$ 286,749		$ 2,094,186
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	1.00	$ -	$ -	50%			$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	B8	$ 398							$ 398	$ -	$ -		$ -	$ -	45%			$ 179		$ 219
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	B8	$ 598,464,592	97,578,200	97,578,200					$ 696,042,792	$ -	$ 97,578,200	0.50	$ 48,789,100	$ -	8%			$ 59,586,551		$ 636,456,241
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	B8	$ 602,167	2,484,169	2,484,169					$ 3,086,336	$ -	$ 2,484,169	0.50	$ 1,242,085	$ -	55%			$ 2,380,631		$ 705,705
95	CWIP	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
	TOTALS		$ 956,233,185	$ 118,703,163	$ 118,703,163	$ -	$ -	$ -	$ -	$ 1,074,936,348	$ -	$ 118,703,163		$ 58,105,207	$ -		$ -	$ -	$ 89,671,854	T1	$ 985,264,494

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

						Test Year Adjustments					
Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Test Year	Adjusted Utility Balance		Additions	Disposals	Balance for Test Year		Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	B13	0		0				0		0	
Tax Reserves Not Deducted for accounting purposes											
Reserve for doubtful accounts ss. 20(1)(l)	B13	2,367,712		2,367,712				2,367,712		0	
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0		0				0		0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0		0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0		0	
Other tax reserves	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	T1	**0**	**0**	**2,367,712**	T1	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	B13	0		0				0		0	
General reserve for bad debts	B13	3,183,844		3,183,844				3,183,844		0	
Accrued Employee Future Benefits:	B13	0		0				0		0	
- Medical and Life Insurance	B13	0		0				0		0	
-Short & Long-term Disability	B13	0		0				0		0	
-Accmulated Sick Leave	B13	0		0				0		0	
- Termination Cost	B13	0		0				0		0	
- Other Post-Employment Benefits	B13	0		0				0		0	
Provision for Environmental Costs	B13	0		0				0		0	
Restructuring Costs	B13	0		0				0		0	
Accrued Contingent Litigation Costs	B13	0		0				0		0	
Accrued Self-Insurance Costs	B13	0		0				0		0	
Other Contingent Liabilities	B13	0		0				0		0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	B13	0		0				0		0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	B13	0		0				0		0	
Other	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	T1	**0**	**0**	**3,183,844**	T1	**0**	**0**

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Income Tax/PILs Workform for 2020 Filers

Version 1.10

Utility Name	Hydro Ottawa Limited
Assigned EB Number	EB-2019-0261
Name and Title	Gregory Van Dusen, Director, Regulatory Affairs
Phone Number	613-738-5499,7472
Email Address	RegulatoryAffairs@hydroottawa.com
Date	Original
Last COS Re-based Year	2016

Note: Drop-down lists are shaded blue; Input cells are shaded green.

Instructions

Purpose
The purpose of this workbook is to calculate the estimated Payment in Lieu of Taxes (PILs) for the Test Year. The calculation of PILs for the Test Year is on tab T0 and is based on the inputs on the other tabs.

Tab S Summary is a summary of the amounts to be transferred to the Data Input Sheet of the Revenue Requirement Workform.

Tab S1 Integrity Checks must be completed after the completion of the PILs calculation in this workbook.

Methodology
To calculate the PILs for the Test Year:

1) input the balances from the income tax return of the Historical Year in tabs H1 to H13.
2) input the balances for the Bridge Year and the Test Year.
Inputs should include:
- non-deductible expenses (Schedule 1 - B1 and T1)
- loss carryforward (Schedule 4 - B4 and T4)
- capital cost allowance (Schedule 8 - B8 and T8)
- non-deductible reserves (Schedule 13 - B13 and T13)

3) make any other adjustments and inputs required so that the PILs amount calculated for the Test Year on tab T0 is reasonable.

Other Notes
Tabs H0 to H13 relate to the Historical Year.
Tabs B0 to B13 relate to the Bridge Year.
Tabs T0 to T13 relate to the Test Year.

The amounts on tabs H0 to H13 should agree to the tax return filed with the Canada Revenue Agency. Any CRA audit adjustments or corrections should also be reflected.

It is assumed the net income before tax for the Test Year is equal to the Return on Equity. Return on Equity is calculated on tab A.

On tab "A. Data Input Sheet", input the "Rate Base" amount and "Return on Rate Base" amounts.

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Income Tax/PILs Workform for 2020 Filers

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Income Tax/PILs Workform for 2020 Filers

No inputs required on this worksheet.

Inputs on Service Revenue Requirement Worksheet

The Service Revenue Requirement is in the 'Revenue Requirement Workform' - Tab 3.

Item	Working Paper Reference	
Adjustments required to arrive at taxable income	as below	**-25,626,670**
Test Year - Payments in Lieu of Taxes (PILs)	T0	**6,442,789**
Test Year - Grossed-up PILs	T0	**8,765,699**
Effective Federal Tax Rate	T0	**15.0%**
Effective Ontario Tax Rate	T0	**11.5%**

Calculation of Adjustments required to arrive at Taxable Income

Regulatory Income (before income taxes)	T1	50,259,834	
Taxable Income	T1	24,633,165	
Difference	calculated	-25,626,670	as above

Income Tax/PILs Workform for 2020 Filers

Integrity Checks

The applicant must ensure the following integrity checks have been completed and confirm this is the case in the table below, or provide an explanation if this is not the case:

	Item	Utility Confirmation (Y/N)	Notes
1	The depreciation and amortization added back in the application's PILs model agree with the numbers disclosed in the rate base section of the application	Y	
2	The capital additions and deductions in the CCA Schedule 8 agree with the rate base section for historical, bridge and test years	Y	
3	Schedule 8 of the most recent federal T2 tax return filed with the application has a closing December 31 historical year UCC that agrees with the opening (January 1) bridge year UCC. If the amounts do not agree, then the applicant must provide a reconciliation with explanations. Distributors must segregate non-distribution tax amounts on Schedule 8.	Y	
4	The CCA deductions in the application's PILs tax model for historical, bridge and test years (as applicable) agree with the numbers in the CCA Schedule 8 for the same years filed in the application	Y	
5	Loss carry-forwards, if any, from prior year tax returns' Schedule 4 agree with those disclosed in the application	NA	
6	A discussion is included in the application as to when the loss carry-forwards, if any, will be fully utilized	NA	
7	CCA is maximized even if there are tax loss carry-forwards	Y	
8	Other post-employment benefits and pension expenses that are added back on Schedule 1 to reconcile accounting income to net income for tax purposes agree with the OM&A analysis for compensation. The amounts deducted are reasonable when compared with the notes to the audited financial statements, Financial Services Commission of Ontario reports, and actuarial valuations.	Y	
9	The income tax rate used to calculate the tax expense is consistent with the utility's actual tax facts and evidence filed in the application	Y	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

				Test Year	Bridge Year	
Rate Base		S	**$**	**1,349,619,610**	**$ 1,303,921,994**	
Return on Ratebase						
Deemed ShortTerm Debt %	4.00%	T	$	53,984,784	*W = S * T*	
Deemed Long Term Debt %	56.00%	U	$	755,786,982	*X = S * U*	
Deemed Equity %	40.00%	V	$	539,847,844	*Y = S * V*	
Short Term Interest Rate	2.75%	Z	$	1,484,582	*AC = W * Z*	
Long Term Interest	3.40%	AA	$	25,696,757	*AD = X * AA*	
Return on Equity (Regulatory Income)	9.31%	AB	**$**	**50,259,834**	*AE = Y * AB*	T1
Return on Rate Base			**$**	**77,441,173**	*AF = AC + AD + AE*	

Questions that must be answered

	Historical Year	Bridge Year	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any SRED Expenditures?	Yes	Yes	Yes
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? *If Yes, please describe the tax treatment in the manager's summary.*	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Tax Rates Federal & Provincial As of MMM XX, 2019	Effective January 1, 2015	Effective January 1, 2016	Effective January 1, 2017	Effective January 1, 2018	Effective January 1, 2019	Effective January 1, 2020
Federal income tax						
General Corporate Rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal Tax Abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted Federal Rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate Reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario Income Tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined Federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business						
Federal Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Federal Small Business Rate	11.00%	10.50%	10.50%	10.00%	9.00%	9.00%
Ontario Small Business Rate	4.50%	4.50%	4.50%	3.50%	3.50%	3.50%

Notes

1. The Ontario Energy Board's proxy for taxable capital is rate base.
2. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Historical Year

Note: Input the actual information from the tax returns for the historical year.

					Wires Only	
Regulatory Taxable Income				H1	$ 3,161,267	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**			
	Federal tax rate (Maximum 15%)	15.00%	**C**			
	Combined tax rate (Maximum 26.5%)				26.50%	**D = B+C**
Total Income Taxes					**$ 837,736**	**E = A * D**
Investment Tax Credits					$ 85,000	**F**
Miscellaneous Tax Credits					$ -	**G**
Total Tax Credits					**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Historical Year					**$ 752,736**	**I = E - H**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	**(A + 101 + 102)**	43,286,802		43,286,802
Additions:				
Interest and penalties on taxes	103	5,000		5,000
Amortization of tangible assets	104	52,893,483		52,893,483
Amortization of intangible assets	106	0		0
Recapture of capital cost allowance from Schedule 8	107	0		0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108	0		0
Loss in equity of subsidiaries and affiliates	110	0		0
Loss on disposal of assets	111	1,000,000		1,000,000
Charitable donations and gifts from Schedule 2	112	0		0
Taxable capital gains from Schedule 6	113	0		0
Political contributions	114	0		0
Deferred and prepaid expenses	116	0		0
Scientific research expenditures deducted on financial statements	118	0		0
Capitalized interest	119	0		0
Non-deductible club dues and fees	120	0		0
Non-deductible meals and entertainment expense	121	85,000		85,000
Non-deductible automobile expenses	122	0		0
Non-deductible life insurance premiums	123	0		0
Non-deductible company pension plans	124	0		0
Tax reserves deducted in prior year	125	2,367,712		2,367,712
Reserves from financial statements – balance at the end of the year	126	3,183,844		3,183,844
Soft costs on construction and renovation of buildings	127	0		0
Capital items expensed	206	0		0
Debt issue expense	208	0		0
Development expenses claimed in current year	212	0		0
Financing fees deducted in books	216	0		0
Gain on settlement of debt	220	0		0
Non-deductible advertising	226	0		0
Non-deductible interest	227	0		0
Non-deductible legal and accounting fees	228	0		0
Recapture of SR&ED expenditures	231	0		0
Share issue expense	235	0		0
Write down of capital property	236	0		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	0		0
Other additions				
Interest Expensed on Capital Leases	295	0		0
Realized Income from Deferred Credit Accounts	295	0		0
Pensions	295	780,000		780,000
Non-deductible penalties	295	0		0
	295	0		0
	295	0		0
ARO Accretion expense		0		0
Capital Contributions Received (ITA 12(1)(x))		0		0
Lease Inducements Received (ITA 12(1)(x))		0		0
Deferred Revenue (ITA 12(1)(a))		0		0
Prior Year Investment Tax Credits received		0		0
Current Year Investment Tax Credits received		85,000		85,000
				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**60,400,039**	**0**	**60,400,039**
Deductions:				
Gain on disposal of assets per financial statements	401	0		0
Non-taxable dividends under section 83	402	0		0
Capital cost allowance from Schedule 8	403	92,475,735		92,475,735
Terminal loss from Schedule 8	404	0		0
Allowable business investment loss	406	0		0
Deferred and prepaid expenses	409	0		0
Scientific research expenses claimed in year	411	0		0
Tax reserves claimed in current year	413	2,367,712		2,367,712
Reserves from financial statements - balance at beginning of year	414	3,183,844		3,183,844
Contributions to deferred income plans	416	680,000		680,000
Book income of joint venture or partnership	305	0		0
Equity in income from subsidiary or affiliates	306	0		0
Other deductions				
Interest capitalized for accounting deducted for tax	395	0		0
Capital Lease Payments	395	0		0
Non-taxable imputed interest income on deferral and variance accounts	395	0		0
Scientific Research & Experimental Development Expenses	395	1,818,283		1,818,283
	395	0		0
ARO Payments - Deductible for Tax when Paid		0		0
ITA 13(7.4) Election - Capital Contributions Received		0		0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		0		0
Deferred Revenue - ITA 20(1)(m) reserve		0		0
Principal portion of lease payments		0		0
Lease Inducement Book Amortization credit to income		0		0
Financing fees for tax ITA 20(1)(e) and (e.1)		0		0
				0
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**100,525,574**	**0**	**100,525,574**
Net Income for Tax Purposes		**3,161,267**	**0**	**3,161,267**
Charitable donations from Schedule 2	311	0		0
Taxable dividends received under section 112 or 113	320	0		0
Non-capital losses of previous tax years from Schedule 4	331	0		0
Net capital losses of previous tax years from Schedule 4	332	0		0
Limited partnership losses of previous tax years from Schedule 4	335	0		0
TAXABLE INCOME		**3,161,267**	**0**	**3,161,267**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Historical

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Buildings, Distribution System (acq'd post 1987)	$ 139,884,403		$ 139,884,403
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	$ 78,970,278		$ 78,970,278
2	Distribution System (acq'd pre 1988)	$ 41,178,719		$ 41,178,719
3	Buildings (acq'd pre 1988)	$ 4,804,359		$ 4,804,359
6	Certain Buildings; Fences	$ -		$ -
8	General Office Equipment, Furniture, Fixtures	$ 14,800,867		$ 14,800,867
10	Motor Vehicles, Fleet	$ 4,876,755		$ 4,876,755
10.1	Certain Automobiles	$ -		$ -
12	Computer Application Software (Non-Systems)	$ -		$ -
13_1	Lease # 1	$ -		$ -
13_2	Lease # 2	$ -		$ -
13_3	Lease # 3	$ -		$ -
13_4	Lease # 4	$ -		$ -
14	Limited Period Patents, Franchises, Concessions or Licences	$ -		$ -
14.1	Eligible Capital Property (acq'd pre 2017)	$ 8,671,762		$ 8,671,762
14.1	Eligible Capital Property (acq'd post 2016)	$ 60,744,253		$ 60,744,253
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	$ 870,974		$ 870,974
42	Fibre Optic Cable	$ 2,363,657		$ 2,363,657
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	$ 398		$ 398
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	$ 598,464,592		$ 598,464,592
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	$ 602,167		$ 602,167
95	CWIP	$ -		$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
	SUB-TOTAL - UCC	956,233,185	0	956,233,185

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only	
Capital gains reserves ss.40(1)			0	B13
Tax reserves not deducted for accounting purposes				
Reserve for doubtful accounts ss. 20(1)(l)	2,367,712		2,367,712	B13
Reserve for undelivered goods and services not rendered ss. 20(1)(m)			0	B13
Reserve for unpaid amounts ss. 20(1)(n)			0	B13
Debt & share issue expenses ss. 20(1)(e)			0	B13
Other tax reserves			0	B13
			0	
			0	
			0	
			0	
			0	
Total	**2,367,712**	**0**	**2,367,712**	
Financial Statement Reserves (not deductible for Tax Purposes)				
General reserve for inventory obsolescence (non-specific)			0	B13
General reserve for bad debts	3,183,844		3,183,844	B13
Accrued Employee Future Benefits:			0	B13
- Medical and Life Insurance			0	B13
-Short & Long-term Disability			0	B13
-Accmulated Sick Leave			0	B13
- Termination Cost			0	B13
- Other Post-Employment Benefits			0	B13
Provision for Environmental Costs			0	B13
Restructuring Costs			0	B13
Accrued Contingent Litigation Costs			0	B13
Accrued Self-Insurance Costs			0	B13
Other Contingent Liabilities			0	B13
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0	B13
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0	B13
Other			0	B13
			0	
			0	
Total	**3,183,844**	**0**	**3,183,844**	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILS Tax Provision - Bridge Year

						Reference	Wires Only	
Regulatory Taxable Income						B1	$ 14,773,106	**A**
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	########	11.5%	**B**			
Federal (Max 15%)	15.0%	15.0%	########	15.0%	**C**			
Combined effective tax rate (Max 26.5%)							26.50%	**D = B + C**
Total Income Taxes							**$ 3,914,873**	**E = A * D**
Investment Tax Credits							$ 85,000	**F**
Miscellaneous Tax Credits							$ -	**G**
Total Tax Credits							**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Bridge Year							**$ 3,829,873**	**I = E - H**

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	**(A + 101 + 102)**		47,619,231
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets	104		57,287,688
Amortization of intangible assets	106		0
Recapture of capital cost allowance from Schedule 8	107	B8	0
Income inclusion under subparagraph 13(38)(d)(iii)	108		0
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		0
Loss on disposal of assets	111		1,000,000
Charitable donations and gifts from Schedule 2	112		0
Taxable capital gains	113		0
Political contributions	114		0
Deferred and prepaid expenses	116		0
Scientific research expenditures deducted on financial statements	118		0
Capitalized interest	119		0
Non-deductible club dues and fees	120		0
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		0
Non-deductible life insurance premiums	123		0
Non-deductible company pension plans	124		0
Tax reserves deducted in prior year	125	B13	2,367,712
Reserves from financial statements- balance at end of year	126	B13	3,183,844
Soft costs on construction and renovation of buildings	127		0
Capital items expensed	206		0
Debt issue expense	208		0
Development expenses claimed in current year	212		0
Financing fees deducted in books	216		0
Gain on settlement of debt	220		0
Non-deductible advertising	226		0
Non-deductible interest	227		0
Non-deductible legal and accounting fees	228		0
Recapture of SR&ED expenditures	231		0
Share issue expense	235		0
Write down of capital property	236		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		0
Other Additions			
Interest Expensed on Capital Leases	295		0
Realized Income from Deferred Credit Accounts	295		0
Pensions	295		780,000
Non-deductible penalties	295		0
	295		0
	295		0
ARO Accretion expense			0
Capital Contributions Received (ITA 12(1)(x))			0
Lease Inducements Received (ITA 12(1)(x))			0
Deferred Revenue (ITA 12(1)(a))			0
Prior Year Investment Tax Credits received			0
Current Year Investment Tax Credits received			85,000
Total Additions			**64,794,244**
Deductions:			
Gain on disposal of assets per financial statements	401		0
Dividends not taxable under section 83	402		0
Capital cost allowance from Schedule 8	403	B8	89,671,854
Terminal loss from Schedule 8	404	B8	0
Allowable business investment loss	406		0
Deferred and prepaid expenses	409		0
Scientific research expenses claimed in year	411		0
Tax reserves claimed in current year	413	B13	2,367,712
Reserves from financial statements - balance at beginning of year	414	B13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		0
Equity in income from subsidiary or affiliates	306		0
Other deductions			0
Interest capitalized for accounting deducted for tax	395		0
Capital Lease Payments	395		0
Non-taxable imputed interest income on deferral and variance accounts	395		0
Scientific Research & Experimental Development Expenses	395		1,736,959
	395		0
ARO Payments - Deductible for Tax when Paid			0
ITA 13(7.4) Election - Capital Contributions Received			0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			0
Deferred Revenue - ITA 20(1)(m) reserve			0
Principal portion of lease payments			0
Lease Inducement Book Amortization credit to income			0
Financing fees for tax ITA 20(1)(e) and (e.1)			0
Total Deductions		calculated	**97,640,369**
Net Income for Tax Purposes		calculated	**14,773,106**
Charitable donations	311		0
Taxable dividends received under section 112 or 113	320		0
Non-capital losses of previous tax years from Schedule 4	331	B4	0
Net capital losses of previous tax years from Schedule 4	332	B4	0
Limited partnership losses of previous tax years from Schedule 4	335		0
TAXABLE INCOME		calculated	**14,773,106**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Corporation Loss Continuity and Application

Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year	B1	0	
Loss Carry Forward Generated in Bridge Year (if any)	B1	0	
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year			
Loss Carry Forward Generated in Bridge Year (if any)	B1		
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Bridge Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the bridge year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the bridge year (column 9 minus column 17)	Working Paper Reference
1	Buildings, Distribution System (acq'd post 1987)	H8	$ 139,884,403	$ -	$ -	$ -	$ -	$ -	$ -	$ 139,884,403	$ -	$ -	0.50	$ -	$ -	4%	$ -	$ -	$ 5,595,376		$ 134,289,026	T8
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	H8	$ 78,970,278	$ 8,718,645	$ 8,718,645	$ -	$ -	$ -	$ -	$ 87,688,923	$ -	$ 8,718,645	0.50	$ 4,359,323	$ -	6%	$ -	$ -	$ 5,522,895		$ 82,166,029	T8
2	Distribution System (acq'd pre 1988)	H8	$ 41,178,719			$ -	$ -	$ -	$ -	$ 41,178,719	$ -	$ -		$ -	$ -	6%	$ -	$ -	$ 2,470,723		$ 38,707,996	T8
3	Buildings (acq'd pre 1988)	H8	$ 4,804,359			$ -	$ -	$ -	$ -	$ 4,804,359	$ -	$ -		$ -	$ -	5%	$ -	$ -	$ 240,218		$ 4,564,141	T8
6	Certain Buildings; Fences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.50	$ -	$ -	10%	$ -	$ -	$ -		$ -	T8
8	General Office Equipment, Furniture, Fixtures	H8	$ 14,800,867	$ 1,972,289	$ 1,972,289	$ -	$ -	$ -	$ -	$ 16,773,156	$ -	$ 1,972,289	0.50	$ 986,145	$ -	20%	$ -	$ -	$ 3,551,860		$ 13,221,296	T8
10	Motor Vehicles, Fleet	H8	$ 4,876,755	$ 5,223,986	$ 5,223,986	$ -	$ -	$ -	$ -	$ 10,100,741	$ -	$ 5,223,986	0.50	$ 2,611,993	$ -	30%	$ -	$ -	$ 3,813,820		$ 6,286,921	T8
10.1	Certain Automobiles	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.50	$ -	$ -	30%	$ -	$ -	$ -		$ -	T8
12	Computer Application Software (Non-Systems)	H8	$ -	$ 2,492,749	$ 2,492,749	$ -	$ -	$ -	$ -	$ 2,492,749	$ -	$ 2,492,749	0.00	$ -	$ -	100%	$ -	$ -	$ 2,492,749		$ -	T8
13_1	Lease # 1	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA	$ -	$ -			$ -	T8
13_2	Lease # 2	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA	$ -	$ -			$ -	T8
13_3	Lease # 3	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA	$ -	$ -			$ -	T8
13_4	Lease # 4	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA	$ -	$ -			$ -	T8
14	Limited Period Patents, Franchises, Concessions or Licences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA	$ -	$ -			$ -	T8
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	H8	$ 8,671,762			$ -	$ -	$ -	$ -	$ 8,671,762	$ -	$ -		$ -	$ -	7%	$ -	$ -	$ 607,023		$ 8,064,739	T8
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	H8	$ 60,744,253	$ 215,847	$ 215,847	$ -	$ -	$ -	$ -	$ 60,960,100	$ -	$ 215,847	0.50	$ 107,924	$ -	5%	$ -	$ -	$ 3,053,401		$ 57,906,699	T8
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	H8	$ 870,974	$ -	$ -	$ -	$ -	$ -	$ -	$ 870,974	$ -	$ -	0.50	$ -	$ -	8%	$ -	$ -	$ 69,678		$ 801,296	T8
42	Fibre Optic Cable	H8	$ 2,363,657	$ 17,278	$ 17,278	$ -	$ -	$ -	$ -	$ 2,380,935	$ -	$ 17,278	0.50	$ 8,639	$ -	12%	$ -	$ -	$ 286,749		$ 2,094,186	T8
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	2.33	$ -	$ -	30%	$ -	$ -	$ -		$ -	T8
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	1.00	$ -	$ -	50%	$ -	$ -	$ -		$ -	T8
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	H8	$ 398			$ -	$ -	$ -	$ -	$ 398	$ -	$ -		$ -	$ -	45%	$ -	$ -	$ 179		$ 219	T8
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.50	$ -	$ -	30%	$ -	$ -	$ -		$ -	T8
47	Distribution System (acq'd post Feb 22/05)	H8	$ 598,464,592	$ 97,578,200	$ 97,578,200	$ -	$ -	$ -	$ -	$ 696,042,792	$ -	$ 97,578,200	0.50	$ 48,789,100	$ -	8%	$ -	$ -	$ 59,586,551		$ 636,456,241	T8
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	H8	$ 602,167	$ 2,484,169	$ 2,484,169	$ -	$ -	$ -	$ -	$ 3,086,336	$ -	$ 2,484,169	0.50	$ 1,242,085	$ -	55%	$ -	$ -	$ 2,380,631		$ 705,705	T8
95	CWIP	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	0%	$ -	$ -	$ -		$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
	TOTALS		**$ 956,233,185**	**$ 118,703,163**	**$ 118,703,163**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,074,936,348**	**$ -**	**$ 118,703,163**		**$ 58,105,207**	**$ -**		**$ -**	**$ -**	**$ 89,671,854**	B1	**$ 985,264,494**	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

Description	Reference	Historical Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Bridge Year Adjustments: Additions	Bridge Year Adjustments: Disposals	Balance for Bridge Year		Change During the Year	Disallowed Expenses
Capital gains reserves ss.40(1)	H13	0		0				0	T13	0	
Tax Reserves Not Deducted for Accounting Purposes											
Reserve for doubtful accounts ss. 20(1)(l)	H13	2,367,712		2,367,712				2,367,712	T13	0	
Reserve for goods and services not delivered ss. 20(1)(m)	H13	0		0				0	T13	0	
Reserve for unpaid amounts ss. 20(1)(n)	H13	0		0				0	T13	0	
Debt & share issue expenses ss. 20(1)(e)	H13	0		0				0	T13	0	
Other tax reserves	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	B1	**0**	**0**	**2,367,712**	B1	**0**	**0**
Financial statement reserves (not deductible for tax purposes)											
General Reserve for Inventory Obsolescence (non-specific)	H13	0		0				0	T13	0	
General Reserve for Bad Debts	H13	3,183,844		3,183,844				3,183,844	T13	0	
Accrued Employee Future Benefits:	H13	0		0				0	T13	0	
- Medical and Life Insurance	H13	0		0				0	T13	0	
- Short & Long-term Disability	H13	0		0				0	T13	0	
- Accumulated Sick Leave	H13	0		0				0	T13	0	
- Termination Cost	H13	0		0				0	T13	0	
- Other Post-Employment Benefits	H13	0		0				0	T13	0	
Provision for Environmental Costs	H13	0		0				0	T13	0	
Restructuring Costs	H13	0		0				0	T13	0	
Accrued Contingent Litigation Costs	H13	0		0				0	T13	0	
Accrued Self-Insurance Costs	H13	0		0				0	T13	0	
Other Contingent Liabilities	H13	0		0				0	T13	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	H13	0		0				0	T13	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	H13	0		0				0	T13	0	
Other	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	B1	**0**	**0**	**3,183,844**	B1	**0**	**0**

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Test Year

							Wires Only	
Regulatory Taxable Income						T1	$ 24,633,165	**A**
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	$ 2,832,814	11.5%	**B**			
Federal (Max 15%)	15.0%	15.0%	$ 3,694,975	15.0%	**C**			
Combined effective tax rate (Max 26.5%)							26.50%	**D = B + C**
Total Income Taxes							**$ 6,527,789**	**E = A * D**
Investment Tax Credits							$ 85,000	**F**
Miscellaneous Tax Credits							$ -	**G**
Total Tax Credits							**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Test Year							**$ 6,442,789**	**I = E - H** S. Summary
Corporate PILs/Income Tax Provision Gross Up [1]					73.50%	**J = 1-D**	**$ 2,322,910**	**K = I/J-I**
Income Tax (grossed-up)							**$ 8,765,699**	**L = K + I** S. Summary

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Taxable Income - Test Year

	T2 S1 line #	Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	50,259,834
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		59,500,744
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106		
Recapture of capital cost allowance from Schedule 8	107	T8	0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,000,000
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves beginning of year	125	T13	2,367,712
Reserves from financial statements- balance at end of year	126	T13	3,183,844
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		
Other Additions			
Interest Expensed on Capital Leases	295		
Realized Income from Deferred Credit Accounts	295		
Pensions	295		780,000
Non-deductible penalties	295		
	295		
	295		
	295		
	295		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits received			85,000
Total Additions			**67,007,300**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	85,337,236
Terminal loss from Schedule 8	404	T8	0
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves end of year	413	T13	2,367,712
Reserves from financial statements - balance at beginning of year	414	T13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions			
Interest capitalized for accounting deducted for tax	395		
Capital Lease Payments	395		
Non-taxable imputed interest income on deferral and variance accounts	395		
Scientific Research & Experimental Development Expenses	395		1,065,178
	395		
	395		
	395		
	395		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**92,633,970**
NET INCOME FOR TAX PURPOSES		calculated	**24,633,165**
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of previous tax years from Schedule 4	331	T4	0
Net capital losses of previous tax years from Schedule 4	332	T4	0
Limited partnership losses of previous tax years from Schedule 4	335		
REGULATORY TAXABLE INCOME		calculated	**24,633,165**

T0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Working Paper Reference	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years	T1	0		0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	calculated	0		0
Loss Carry Forward Generated in Test Year (if any)	T1	0		0
Other Adjustments				0
Balance available for use in Future Years	calculated	0		0

Net Capital Loss Carry Forward Deduction		Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years				0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	T1	0		0
Loss Carry Forward Generated in Test Year (if any)				0
Other Adjustments				0
Balance available for use in Future Years		0		0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Test Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the test year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the test year (column 9 minus column 17)
1	Buildings, Distribution System (acq'd post 1987)	B8	$ 134,289,026							$ 134,289,026	$ -	$ -	0.50	$ -	$ -	4%			$ 5,371,561		$ 128,917,465
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	B8	$ 82,166,029	887,335	887,335					$ 83,053,364	$ -	$ 887,335	0.50	$ 443,668	$ -	6%			$ 5,009,822		$ 78,043,542
2	Distribution System (acq'd pre 1988)	B8	$ 38,707,996							$ 38,707,996	$ -	$ -		$ -	$ -	6%			$ 2,322,480		$ 36,385,516
3	Buildings (acq'd pre 1988)	B8	$ 4,564,141							$ 4,564,141	$ -	$ -		$ -	$ -	5%			$ 228,207		$ 4,335,934
6	Certain Buildings; Fences	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -
8	General Office Equipment, Furniture, Fixtures	B8	$ 13,221,296	1,501,981	1,501,981					$ 14,723,277	$ -	$ 1,501,981	0.50	$ 750,991	$ -	20%			$ 3,094,853		$ 11,628,423
10	Motor Vehicles, Fleet	B8	$ 6,286,921	2,233,064	2,233,064					$ 8,519,985	$ -	$ 2,233,064	0.50	$ 1,116,532	$ -	30%			$ 2,890,955		$ 5,629,030
10.1	Certain Automobiles	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
12	Computer Application Software (Non-Systems)	B8	$ -	2,044,296	2,044,296					$ 2,044,296	$ -	$ 2,044,296	0.00	$ -	$ -	100%			$ 2,044,296		$ -
13_1	Lease # 1	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13_2	Lease # 2	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13_3	Lease # 3	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13_4	Lease # 4	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14	Limited Period Patents, Franchises, Concessions or Licences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	B8	$ 8,064,739							$ 8,064,739	$ -	$ -		$ -	$ -	7%			$ 564,532		$ 7,500,207
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	B8	$ 57,906,699	105,683	105,683					$ 58,012,382	$ -	$ 105,683	0.50	$ 52,842	$ -	5%			$ 2,903,261		$ 55,109,121
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	B8	$ 801,296							$ 801,296	$ -	$ -	0.50	$ -	$ -	8%			$ 64,104		$ 737,193
42	Fibre Optic Cable	B8	$ 2,094,186	17,278	17,278					$ 2,111,464	$ -	$ 17,278	0.50	$ 8,639	$ -	12%			$ 254,412		$ 1,857,052
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	1.00	$ -	$ -	50%			$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	B8	$ 219							$ 219	$ -	$ -		$ -	$ -	45%			$ 98		$ 120
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	B8	$ 636,456,241	69,387,174	69,387,174					$ 705,843,415	$ -	$ 69,387,174	0.50	$ 34,693,587	$ -	8%			$ 59,242,960		$ 646,600,455
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	B8	$ 705,705	1,160,674	1,160,674					$ 1,866,379	$ -	$ 1,160,674	0.50	$ 580,337	$ -	55%			$ 1,345,694		$ 520,685
95	CWIP	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
	TOTALS		$ 985,264,494	$ 77,337,485	$ 77,337,485	$ -	$ -	$ -	$ -	$ 1,062,601,979	$ -	$ 77,337,485		$ 37,646,595	$ -		$ -	$ -	$ 85,337,236	T1	$ 977,264,743

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Test Year	Adjusted Utility Balance		Test Year Adjustments: Additions	Test Year Adjustments: Disposals	Balance for Test Year		Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	B13	0		0				0		0	
Tax Reserves Not Deducted for accounting purposes											
Reserve for doubtful accounts ss. 20(1)(l)	B13	2,367,712		2,367,712				2,367,712		0	
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0		0				0		0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0		0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0		0	
Other tax reserves	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	T1	**0**	**0**	**2,367,712**	T1	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	B13	0		0				0		0	
General reserve for bad debts	B13	3,183,844		3,183,844				3,183,844		0	
Accrued Employee Future Benefits:	B13	0		0				0		0	
- Medical and Life Insurance	B13	0		0				0		0	
-Short & Long-term Disability	B13	0		0				0		0	
-Accmulated Sick Leave	B13	0		0				0		0	
- Termination Cost	B13	0		0				0		0	
- Other Post-Employment Benefits	B13	0		0				0		0	
Provision for Environmental Costs	B13	0		0				0		0	
Restructuring Costs	B13	0		0				0		0	
Accrued Contingent Litigation Costs	B13	0		0				0		0	
Accrued Self-Insurance Costs	B13	0		0				0		0	
Other Contingent Liabilities	B13	0		0				0		0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	B13	0		0				0		0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	B13	0		0				0		0	
Other	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	T1	**0**	**0**	**3,183,844**	T1	**0**	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Version 1.10

Utility Name	Hydro Ottawa Limited	
Assigned EB Number	EB-2019-0261	
Name and Title	Gregory Van Dusen, Director, Regulatory Affairs	
Phone Number	613-738-5499,7472	
Email Address	RegulatoryAffairs@hydroottawa.com	
Date	Original	
Last COS Re-based Year		**2016**

Note: Drop-down lists are shaded blue; Input cells are shaded green.

Instructions

Purpose
The purpose of this workbook is to calculate the estimated Payment in Lieu of Taxes (PILs) for the Test Year. The calculation of PILs for the Test Year is on tab T0 and is based on the inputs on the other tabs.

Tab S Summary is a summary of the amounts to be transferred to the Data Input Sheet of the Revenue Requirement Workform.

Tab S1 Integrity Checks must be completed after the completion of the PILs calculation in this workbook.

Methodology
To calculate the PILs for the Test Year:

1) input the balances from the income tax return of the Historical Year in tabs H1 to H13.
2) input the balances for the Bridge Year and the Test Year.
Inputs should include:
- non-deductible expenses (Schedule 1 - B1 and T1)
- loss carryforward (Schedule 4 - B4 and T4)
- capital cost allowance (Schedule 8 - B8 and T8)
- non-deductible reserves (Schedule 13 - B13 and T13)

3) make any other adjustments and inputs required so that the PILs amount calculated for the Test Year on tab T0 is reasonable.

Other Notes
Tabs H0 to H13 relate to the Historical Year.
Tabs B0 to B13 relate to the Bridge Year.
Tabs T0 to T13 relate to the Test Year.

The amounts on tabs H0 to H13 should agree to the tax return filed with the Canada Revenue Agency. Any CRA audit adjustments or corrections should also be reflected.

It is assumed the net income before tax for the Test Year is equal to the Return on Equity. Return on Equity is calculated on tab A.

On tab "A. Data Input Sheet", input the "Rate Base" amount and "Return on Rate Base" amounts.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

No inputs required on this worksheet.

Inputs on Service Revenue Requirement Worksheet

The Service Revenue Requirement is in the 'Revenue Requirement Workform' - Tab 3.

Item	Working Paper Reference		
Adjustments required to arrive at taxable income	as below	**-19,163,372**	
Test Year - Payments in Lieu of Taxes (PILs)	T0	**8,569,789**	
Test Year - Grossed-up PILs	T0	**11,659,577**	
Effective Federal Tax Rate	T0	**15.0%**	
Effective Ontario Tax Rate	T0	**11.5%**	

Calculation of Adjustments required to arrive at Taxable Income			
Regulatory Income (before income taxes)	T1	51,822,953	
Taxable Income	T1	32,659,581	
Difference	calculated	-19,163,372	as above

Income Tax/PILs Workform for 2020 Filers

Integrity Checks

The applicant must ensure the following integrity checks have been completed and confirm this is the case in the table below, or provide an explanation if this is not the case:

	Item	Utility Confirmation (Y/N)	Notes
1	The depreciation and amortization added back in the application's PILs model agree with the numbers disclosed in the rate base section of the application	Y	
2	The capital additions and deductions in the CCA Schedule 8 agree with the rate base section for historical, bridge and test years	Y	
3	Schedule 8 of the most recent federal T2 tax return filed with the application has a closing December 31 historical year UCC that agrees with the opening (January 1) bridge year UCC. If the amounts do not agree, then the applicant must provide a reconciliation with explanations. Distributors must segregate non-distribution tax amounts on Schedule 8.	Y	
4	The CCA deductions in the application's PILs tax model for historical, bridge and test years (as applicable) agree with the numbers in the CCA Schedule 8 for the same years filed in the application	Y	
5	Loss carry-forwards, if any, from prior year tax returns' Schedule 4 agree with those disclosed in the application	NA	
6	A discussion is included in the application as to when the loss carry-forwards, if any, will be fully utilized	NA	
7	CCA is maximized even if there are tax loss carry-forwards	Y	
8	Other post-employment benefits and pension expenses that are added back on Schedule 1 to reconcile accounting income to net income for tax purposes agree with the OM&A analysis for compensation. The amounts deducted are reasonable when compared with the notes to the audited financial statements, Financial Services Commission of Ontario reports, and actuarial valuations.	Y	
9	The income tax rate used to calculate the tax expense is consistent with the utility's actual tax facts and evidence filed in the application	Y	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

			Test Year	Bridge Year		
Rate Base		S	**$ 1,376,805,350**	**$ 1,349,619,610**		
Return on Ratebase						
Deemed ShortTerm Debt %	4.00%	T	$ 55,072,214		*W = S * T*	
Deemed Long Term Debt %	56.00%	U	$ 771,010,996		*X = S * U*	
Deemed Equity %	40.00%	V	$ 550,722,140		*Y = S * V*	
Short Term Interest Rate	2.75%	Z	$ 1,514,486		*AC = W * Z*	
Long Term Interest	3.44%	AA	$ 26,522,778		*AD = X * AA*	
Return on Equity (Regulatory Income)	9.41%	AB	**$ 51,822,953**		*AE = Y * AB*	T1
Return on Rate Base			**$ 79,860,218**		*AF = AC + AD + AE*	

Questions that must be answered

Question	Historical Year	Bridge Year	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any SRED Expenditures?	Yes	Yes	Yes
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? *If Yes, please describe the tax treatment in the manager's summary.*	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Tax Rates Federal & Provincial As of MMM XX, 2019	Effective January 1, 2015	Effective January 1, 2016	Effective January 1, 2017	Effective January 1, 2018	Effective January 1, 2019	Effective January 1, 2020
Federal income tax						
General Corporate Rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal Tax Abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted Federal Rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate Reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario Income Tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined Federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business						
Federal Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Federal Small Business Rate	11.00%	10.50%	10.50%	10.00%	9.00%	9.00%
Ontario Small Business Rate	4.50%	4.50%	4.50%	3.50%	3.50%	3.50%

Notes

1. The Ontario Energy Board's proxy for taxable capital is rate base.
2. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Historical Year

Note: Input the actual information from the tax returns for the historical year.

					Wires Only	
Regulatory Taxable Income				H1	$ 14,773,106	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**			
	Federal tax rate (Maximum 15%)	15.00%	**C**			
	Combined tax rate (Maximum 26.5%)				26.50%	**D = B+C**
Total Income Taxes					**$ 3,914,873**	**E = A * D**
Investment Tax Credits					$ 85,000	**F**
Miscellaneous Tax Credits					$ -	**G**
Total Tax Credits					**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Historical Year					**$ 3,829,873**	**I = E - H**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	**(A + 101 + 102)**	47,619,231		47,619,231
Additions:				
Interest and penalties on taxes	103	5,000		5,000
Amortization of tangible assets	104	57,287,688		57,287,688
Amortization of intangible assets	106	0		0
Recapture of capital cost allowance from Schedule 8	107	0		0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108	0		0
Loss in equity of subsidiaries and affiliates	110	0		0
Loss on disposal of assets	111	1,000,000		1,000,000
Charitable donations and gifts from Schedule 2	112	0		0
Taxable capital gains from Schedule 6	113	0		0
Political contributions	114	0		0
Deferred and prepaid expenses	116	0		0
Scientific research expenditures deducted on financial statements	118	0		0
Capitalized interest	119	0		0
Non-deductible club dues and fees	120	0		0
Non-deductible meals and entertainment expense	121	85,000		85,000
Non-deductible automobile expenses	122	0		0
Non-deductible life insurance premiums	123	0		0
Non-deductible company pension plans	124	0		0
Tax reserves deducted in prior year	125	2,367,712		2,367,712
Reserves from financial statements – balance at the end of the year	126	3,183,844		3,183,844
Soft costs on construction and renovation of buildings	127	0		0
Capital items expensed	206	0		0
Debt issue expense	208	0		0
Development expenses claimed in current year	212	0		0
Financing fees deducted in books	216	0		0
Gain on settlement of debt	220	0		0
Non-deductible advertising	226	0		0
Non-deductible interest	227	0		0
Non-deductible legal and accounting fees	228	0		0
Recapture of SR&ED expenditures	231	0		0
Share issue expense	235	0		0
Write down of capital property	236	0		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	0		0
Other additions				
Interest Expensed on Capital Leases	295	0		0
Realized Income from Deferred Credit Accounts	295	0		0
Pensions	295	780,000		780,000
Non-deductible penalties	295	0		0
	295	0		0
	295	0		0
ARO Accretion expense		0		0
Capital Contributions Received (ITA 12(1)(x))		0		0
Lease Inducements Received (ITA 12(1)(x))		0		0
Deferred Revenue (ITA 12(1)(a))		0		0
Prior Year Investment Tax Credits received		0		0
Current Year Investment Tax Credits received		85,000		85,000
				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**64,794,244**	**0**	**64,794,244**
Deductions:				
Gain on disposal of assets per financial statements	401	0		0
Non-taxable dividends under section 83	402	0		0
Capital cost allowance from Schedule 8	403	89,671,854		89,671,854
Terminal loss from Schedule 8	404	0		0
Allowable business investment loss	406	0		0
Deferred and prepaid expenses	409	0		0
Scientific research expenses claimed in year	411	0		0
Tax reserves claimed in current year	413	2,367,712		2,367,712
Reserves from financial statements - balance at beginning of year	414	3,183,844		3,183,844
Contributions to deferred income plans	416	680,000		680,000
Book income of joint venture or partnership	305	0		0
Equity in income from subsidiary or affiliates	306	0		0
Other deductions				
Interest capitalized for accounting deducted for tax	395	0		0
Capital Lease Payments	395	0		0
Non-taxable imputed interest income on deferral and variance accounts	395	0		0
Scientific Research & Experimental Development Expenses	395	1,736,959		1,736,959
	395	0		0
ARO Payments - Deductible for Tax when Paid		0		0
ITA 13(7.4) Election - Capital Contributions Received		0		0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		0		0
Deferred Revenue - ITA 20(1)(m) reserve		0		0
Principal portion of lease payments		0		0
Lease Inducement Book Amortization credit to income		0		0
Financing fees for tax ITA 20(1)(e) and (e.1)		0		0
				0
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**97,640,369**	**0**	**97,640,369**
Net Income for Tax Purposes		**14,773,106**	**0**	**14,773,106**
Charitable donations from Schedule 2	311	0		0
Taxable dividends received under section 112 or 113	320	0		0
Non-capital losses of previous tax years from Schedule 4	331	0		0
Net capital losses of previous tax years from Schedule 4	332	0		0
Limited partnership losses of previous tax years from Schedule 4	335	0		0
TAXABLE INCOME		**14,773,106**	**0**	**14,773,106**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Historical

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Buildings, Distribution System (acq'd post 1987)	$ 134,289,026		$ 134,289,026
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	$ 82,166,029		$ 82,166,029
2	Distribution System (acq'd pre 1988)	$ 38,707,996		$ 38,707,996
3	Buildings (acq'd pre 1988)	$ 4,564,141		$ 4,564,141
6	Certain Buildings; Fences	$ -		$ -
8	General Office Equipment, Furniture, Fixtures	$ 13,221,296		$ 13,221,296
10	Motor Vehicles, Fleet	$ 6,286,921		$ 6,286,921
10.1	Certain Automobiles	$ -		$ -
12	Computer Application Software (Non-Systems)	$ -		$ -
13_1	Lease # 1	$ -		$ -
13_2	Lease # 2	$ -		$ -
13_3	Lease # 3	$ -		$ -
13_4	Lease # 4	$ -		$ -
14	Limited Period Patents, Franchises, Concessions or Licences	$ -		$ -
14.1	Eligible Capital Property (acq'd pre 2017)	$ 8,064,739		$ 8,064,739
14.1	Eligible Capital Property (acq'd post 2016)	$ 57,906,699		$ 57,906,699
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	$ 801,296		$ 801,296
42	Fibre Optic Cable	$ 2,094,186		$ 2,094,186
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	$ 219		$ 219
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	$ 636,456,241		$ 636,456,241
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	$ 705,705		$ 705,705
95	CWIP	$ -		$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
	SUB-TOTAL - UCC	985,264,494	0	985,264,494

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only	
Capital gains reserves ss.40(1)			0	B13
Tax reserves not deducted for accounting purposes				
Reserve for doubtful accounts ss. 20(1)(l)	2,367,712		2,367,712	B13
Reserve for undelivered goods and services not rendered ss. 20(1)(m)			0	B13
Reserve for unpaid amounts ss. 20(1)(n)			0	B13
Debt & share issue expenses ss. 20(1)(e)			0	B13
Other tax reserves			0	B13
			0	
			0	
			0	
			0	
			0	
Total	**2,367,712**	**0**	**2,367,712**	
Financial Statement Reserves (not deductible for Tax Purposes)				
General reserve for inventory obsolescence (non-specific)			0	B13
General reserve for bad debts	3,183,844		3,183,844	B13
Accrued Employee Future Benefits:			0	B13
- Medical and Life Insurance			0	B13
-Short & Long-term Disability			0	B13
-Accmulated Sick Leave			0	B13
- Termination Cost			0	B13
- Other Post-Employment Benefits			0	B13
Provision for Environmental Costs			0	B13
Restructuring Costs			0	B13
Accrued Contingent Litigation Costs			0	B13
Accrued Self-Insurance Costs			0	B13
Other Contingent Liabilities			0	B13
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0	B13
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0	B13
Other			0	B13
			0	
			0	
Total	**3,183,844**	**0**	**3,183,844**	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILS Tax Provision - Bridge Year

	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate		Reference	Wires Only	
Regulatory Taxable Income						B1	$ 24,633,165	**A**
Ontario (Max 11.5%)	11.5%	11.5%	########	11.5%	**B**			
Federal (Max 15%)	15.0%	15.0%	########	15.0%	**C**			
Combined effective tax rate (Max 26.5%)							26.50%	**D = B + C**
Total Income Taxes							**$ 6,527,789**	**E = A * D**
Investment Tax Credits							$ 85,000	**F**
Miscellaneous Tax Credits							$ -	**G**
Total Tax Credits							**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Bridge Year							**$ 6,442,789**	**I = E - H**

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	**(A + 101 + 102)**		50,259,834
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets	104		59,500,744
Amortization of intangible assets	106		0
Recapture of capital cost allowance from Schedule 8	107	B8	0
Income inclusion under subparagraph 13(38)(d)(iii)	108		0
Income or loss for tax purposes- joint ventures or partnerships	109		
Loss in equity of subsidiaries and affiliates	110		0
Loss on disposal of assets	111		1,000,000
Charitable donations and gifts from Schedule 2	112		0
Taxable capital gains	113		0
Political contributions	114		0
Deferred and prepaid expenses	116		0
Scientific research expenditures deducted on financial statements	118		0
Capitalized interest	119		0
Non-deductible club dues and fees	120		0
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		0
Non-deductible life insurance premiums	123		0
Non-deductible company pension plans	124		0
Tax reserves deducted in prior year	125	B13	2,367,712
Reserves from financial statements- balance at end of year	126	B13	3,183,844
Soft costs on construction and renovation of buildings	127		0
Capital items expensed	206		0
Debt issue expense	208		0
Development expenses claimed in current year	212		0
Financing fees deducted in books	216		0
Gain on settlement of debt	220		0
Non-deductible advertising	226		0
Non-deductible interest	227		0
Non-deductible legal and accounting fees	228		0
Recapture of SR&ED expenditures	231		0
Share issue expense	235		0
Write down of capital property	236		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		0
Other Additions			
Interest Expensed on Capital Leases	295		0
Realized Income from Deferred Credit Accounts	295		0
Pensions	295		780,000
Non-deductible penalties	295		0
	295		0
	295		0
ARO Accretion expense			0
Capital Contributions Received (ITA 12(1)(x))			0
Lease Inducements Received (ITA 12(1)(x))			0
Deferred Revenue (ITA 12(1)(a))			0
Prior Year Investment Tax Credits received			0
Current Year Investment Tax Credits received			85,000
Total Additions			**67,007,300**
Deductions:			
Gain on disposal of assets per financial statements	401		0
Dividends not taxable under section 83	402		0
Capital cost allowance from Schedule 8	403	B8	85,337,236
Terminal loss from Schedule 8	404	B8	0
Allowable business investment loss	406		0
Deferred and prepaid expenses	409		0
Scientific research expenses claimed in year	411		0
Tax reserves claimed in current year	413	B13	2,367,712
Reserves from financial statements - balance at beginning of year	414	B13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		0
Equity in income from subsidiary or affiliates	306		0
Other deductions			0
Interest capitalized for accounting deducted for tax	395		0
Capital Lease Payments	395		0
Non-taxable imputed interest income on deferral and variance accounts	395		0
Scientific Research & Experimental Development Expenses	395		1,065,178
	395		0
ARO Payments - Deductible for Tax when Paid			0
ITA 13(7.4) Election - Capital Contributions Received			0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			0
Deferred Revenue - ITA 20(1)(m) reserve			0
Principal portion of lease payments			0
Lease Inducement Book Amortization credit to income			0
Financing fees for tax ITA 20(1)(e) and (e.1)			0
Total Deductions		calculated	**92,633,970**
Net Income for Tax Purposes		calculated	**24,633,165**
Charitable donations	311		0
Taxable dividends received under section 112 or 113	320		0
Non-capital losses of previous tax years from Schedule 4	331	B4	0
Net capital losses of previous tax years from Schedule 4	332	B4	0
Limited partnership losses of previous tax years from Schedule 4	335		0
TAXABLE INCOME		calculated	**24,633,165**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Corporation Loss Continuity and Application

Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year	B1	0	
Loss Carry Forward Generated in Bridge Year (if any)	B1	0	
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year			
Loss Carry Forward Generated in Bridge Year (if any)	B1		
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Bridge Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the bridge year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the bridge year (column 9 minus column 17)	Working Paper Reference
1	Buildings, Distribution System (acq'd post 1987)	H8	$ 134,289,026	$ -	$ -	$ -	$ -	$ -	$ -	$ 134,289,026	$ -	$ -	0.50	$ -	$ -	4%			$ 5,371,561		$ 128,917,465	T8
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	H8	$ 82,166,029	$ 887,335	$ 887,335	$ -	$ -	$ -	$ -	$ 83,053,364	$ -	$ 887,335	0.50	$ 443,668	$ -	6%			$ 5,009,822		$ 78,043,542	T8
2	Distribution System (acq'd pre 1988)	H8	$ 38,707,996			$ -	$ -	$ -	$ -	$ 38,707,996	$ -	$ -		$ -	$ -	6%			$ 2,322,480		$ 36,385,516	T8
3	Buildings (acq'd pre 1988)	H8	$ 4,564,141			$ -	$ -	$ -	$ -	$ 4,564,141	$ -	$ -		$ -	$ -	5%			$ 228,207		$ 4,335,934	T8
6	Certain Buildings; Fences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -	T8
8	General Office Equipment, Furniture, Fixtures	H8	$ 13,221,296	$ 1,501,981	$ 1,501,981	$ -	$ -	$ -	$ -	$ 14,723,277	$ -	$ 1,501,981	0.50	$ 750,991	$ -	20%			$ 3,094,853		$ 11,628,423	T8
10	Motor Vehicles, Fleet	H8	$ 6,286,921	$ 2,233,064	$ 2,233,064	$ -	$ -	$ -	$ -	$ 8,519,985	$ -	$ 2,233,064	0.50	$ 1,116,532	$ -	30%			$ 2,890,955		$ 5,629,030	T8
10.1	Certain Automobiles	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
12	Computer Application Software (Non-Systems)	H8	$ -	$ 2,044,296	$ 2,044,296	$ -	$ -	$ -	$ -	$ 2,044,296	$ -	$ 2,044,296	0.00	$ -	$ -	100%			$ 2,044,296		$ -	T8
13_1	Lease # 1	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_2	Lease # 2	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_3	Lease # 3	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_4	Lease # 4	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14	Limited Period Patents, Franchises, Concessions or Licences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	H8	$ 8,064,739			$ -	$ -	$ -	$ -	$ 8,064,739	$ -	$ -		$ -	$ -	7%			$ 564,532		$ 7,500,207	T8
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	H8	$ 57,906,699	$ 105,683	$ 105,683	$ -	$ -	$ -	$ -	$ 58,012,382	$ -	$ 105,683	0.50	$ 52,842	$ -	5%			$ 2,903,261		$ 55,109,121	T8
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	H8	$ 801,296	$ -	$ -	$ -	$ -	$ -	$ -	$ 801,296	$ -	$ -	0.50	$ -	$ -	8%			$ 64,104		$ 737,193	T8
42	Fibre Optic Cable	H8	$ 2,094,186	$ 17,278	$ 17,278	$ -	$ -	$ -	$ -	$ 2,111,464	$ -	$ 17,278	0.50	$ 8,639	$ -	12%			$ 254,412		$ 1,857,052	T8
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -	T8
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	1.00	$ -	$ -	50%			$ -		$ -	T8
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	H8	$ 219			$ -	$ -	$ -	$ -	$ 219	$ -	$ -		$ -	$ -	45%			$ 98		$ 120	T8
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
47	Distribution System (acq'd post Feb 22/05)	H8	$ 636,456,241	$ 69,387,174	$ 69,387,174	$ -	$ -	$ -	$ -	$ 705,843,415	$ -	$ 69,387,174	0.50	$ 34,693,587	$ -	8%			$ 59,242,960		$ 646,600,455	T8
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	H8	$ 705,705	$ 1,160,674	$ 1,160,674	$ -	$ -	$ -	$ -	$ 1,866,379	$ -	$ 1,160,674	0.50	$ 580,337	$ -	55%			$ 1,345,694		$ 520,685	T8
95	CWIP	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -	T8
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
		H8	$ -							$ -	$ -	$ -		$ -	$ -						$ -	T8
	TOTALS		**$ 985,264,494**	**$ 77,337,485**	**$ 77,337,485**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,062,601,979**	**$ -**	**$ 77,337,485**		**$ 37,646,595**	**$ -**		**$ -**	**$ -**	**$ 85,337,236**	B1	**$ 977,264,743**	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

Description	Reference	Historical Utility Only	Eliminate Amounts Not Relevant for Bridge Year	Adjusted Utility Balance		Bridge Year Adjustments		Balance for Bridge Year		Change During the Year	Disallowed Expenses
						Additions	Disposals				
Capital gains reserves ss.40(1)	H13	0		0				0	T13	0	
Tax Reserves Not Deducted for Accounting Purposes											
Reserve for doubtful accounts ss. 20(1)(l)	H13	2,367,712		2,367,712				2,367,712	T13	0	
Reserve for goods and services not delivered ss. 20(1)(m)	H13	0		0				0	T13	0	
Reserve for unpaid amounts ss. 20(1)(n)	H13	0		0				0	T13	0	
Debt & share issue expenses ss. 20(1)(e)	H13	0		0				0	T13	0	
Other tax reserves	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	B1	**0**	**0**	**2,367,712**	B1	**0**	**0**
Financial statement reserves (not deductible for tax purposes)											
General Reserve for Inventory Obsolescence (non-specific)	H13	0		0				0	T13	0	
General Reserve for Bad Debts	H13	3,183,844		3,183,844				3,183,844	T13	0	
Accrued Employee Future Benefits:	H13	0		0				0	T13	0	
- Medical and Life Insurance	H13	0		0				0	T13	0	
- Short & Long-term Disability	H13	0		0				0	T13	0	
- Accumulated Sick Leave	H13	0		0				0	T13	0	
- Termination Cost	H13	0		0				0	T13	0	
- Other Post-Employment Benefits	H13	0		0				0	T13	0	
Provision for Environmental Costs	H13	0		0				0	T13	0	
Restructuring Costs	H13	0		0				0	T13	0	
Accrued Contingent Litigation Costs	H13	0		0				0	T13	0	
Accrued Self-Insurance Costs	H13	0		0				0	T13	0	
Other Contingent Liabilities	H13	0		0				0	T13	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	H13	0		0				0	T13	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	H13	0		0				0	T13	0	
Other	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	B1	**0**	**0**	**3,183,844**	B1	**0**	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Test Year

								Wires Only	
Regulatory Taxable Income							T1	$ 32,659,581	**A**
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate					
Ontario (Max 11.5%)	11.5%	11.5%	$ 3,755,852	11.5%	**B**				
Federal (Max 15%)	15.0%	15.0%	$ 4,898,937	15.0%	**C**				
Combined effective tax rate (Max 26.5%)								26.50%	**D = B + C**
Total Income Taxes								**$ 8,654,789**	**E = A * D**
Investment Tax Credits								$ 85,000	**F**
Miscellaneous Tax Credits									**G**
Total Tax Credits								**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Test Year								**$ 8,569,789**	**I = E - H** S. Su
Corporate PILs/Income Tax Provision Gross Up [1]						73.50%	**J = 1-D**	**$ 3,089,788**	**K = I/J-I**
Income Tax (grossed-up)								**$ 11,659,577**	**L = K + I** S. Su

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Taxable Income - Test Year

	T2 S1 line #	Working Paper Reference	Test Year Taxable Income
Net Income Before Taxes		A.	51,822,953
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		61,055,312
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106		
Recapture of capital cost allowance from Schedule 8	107	T8	0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108		
Loss in equity of subsidiaries and affiliates	110		
Loss on disposal of assets	111		1,000,000
Charitable donations	112		
Taxable Capital Gains	113		
Political Donations	114		
Deferred and prepaid expenses	116		
Scientific research expenditures deducted on financial statements	118		
Capitalized interest	119		
Non-deductible club dues and fees	120		
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		
Non-deductible life insurance premiums	123		
Non-deductible company pension plans	124		
Tax reserves beginning of year	125	T13	2,367,712
Reserves from financial statements- balance at end of year	126	T13	3,183,844
Soft costs on construction and renovation of buildings	127		
Book loss on joint ventures or partnerships	205		
Capital items expensed	206		
Debt issue expense	208		
Development expenses claimed in current year	212		
Financing fees deducted in books	216		
Gain on settlement of debt	220		
Non-deductible advertising	226		
Non-deductible interest	227		
Non-deductible legal and accounting fees	228		
Recapture of SR&ED expenditures	231		
Share issue expense	235		
Write down of capital property	236		
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		
Other Additions			
Interest Expensed on Capital Leases	295		
Realized Income from Deferred Credit Accounts	295		
Pensions	295		780,000
Non-deductible penalties	295		
	295		
	295		
	295		
	295		
ARO Accretion expense			
Capital Contributions Received (ITA 12(1)(x))			
Lease Inducements Received (ITA 12(1)(x))			
Deferred Revenue (ITA 12(1)(a))			
Prior Year Investment Tax Credits received			
Current Year Investment Tax Credits received			85,000
Total Additions			**68,561,868**
Deductions:			
Gain on disposal of assets per financial statements	401		
Dividends not taxable under section 83	402		
Capital cost allowance from Schedule 8	403	T8	79,272,333
Terminal loss from Schedule 8	404	T8	0
Allowable business investment loss	406		
Deferred and prepaid expenses	409		
Scientific research expenses claimed in year	411		
Tax reserves end of year	413	T13	2,367,712
Reserves from financial statements - balance at beginning of year	414	T13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		
Equity in income from subsidiary or affiliates	306		
Other deductions			
Interest capitalized for accounting deducted for tax	395		
Capital Lease Payments	395		
Non-taxable imputed interest income on deferral and variance accounts	395		
Scientific Research & Experimental Development Expenses	395		2,221,351
	395		
	395		
	395		
	395		
ARO Payments - Deductible for Tax when Paid			
ITA 13(7.4) Election - Capital Contributions Received			
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			
Deferred Revenue - ITA 20(1)(m) reserve			
Principal portion of lease payments			
Lease Inducement Book Amortization credit to income			
Financing fees for tax ITA 20(1)(e) and (e.1)			
Total Deductions		calculated	**87,725,240**
NET INCOME FOR TAX PURPOSES		calculated	**32,659,581**
Charitable donations	311		
Taxable dividends received under section 112 or 113	320		
Non-capital losses of previous tax years from Schedule 4	331	T4	0
Net capital losses of previous tax years from Schedule 4	332	T4	0
Limited partnership losses of previous tax years from Schedule 4	335		
REGULATORY TAXABLE INCOME		calculated	**32,659,581**

T0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Working Paper Reference	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years	T1	0		0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	calculated	0		0
Loss Carry Forward Generated in Test Year (if any)	T1	0		0
Other Adjustments				0
Balance available for use in Future Years	calculated	0		0

Net Capital Loss Carry Forward Deduction		Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years				0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	T1	0		0
Loss Carry Forward Generated in Test Year (if any)				0
Other Adjustments				0
Balance available for use in Future Years		0		0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Test Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the test year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the test year (column 9 minus column 17)
1	Buildings, Distribution System (acq'd post 1987)	B8	$ 128,917,465							$ 128,917,465	$ -	$ -	0.50	$ -	$ -	4%			$ 5,156,699		$ 123,760,767
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	B8	$ 78,043,542	1,283,620	1,283,620					$ 79,327,162	$ -	$ 1,283,620	0.50	$ 641,810	$ -	6%			$ 4,798,138		$ 74,529,023
2	Distribution System (acq'd pre 1988)	B8	$ 36,385,516							$ 36,385,516	$ -	$ -		$ -	$ -	6%			$ 2,183,131		$ 34,202,385
3	Buildings (acq'd pre 1988)	B8	$ 4,335,934							$ 4,335,934	$ -	$ -		$ -	$ -	5%			$ 216,797		$ 4,119,137
6	Certain Buildings; Fences	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -
8	General Office Equipment, Furniture, Fixtures	B8	$ 11,628,423	1,279,222	1,279,222					$ 12,907,645	$ -	$ 1,279,222	0.50	$ 639,611	$ -	20%			$ 2,709,451		$ 10,198,194
10	Motor Vehicles, Fleet	B8	$ 5,629,030	1,844,412	1,844,412					$ 7,473,442	$ -	$ 1,844,412	0.50	$ 922,206	$ -	30%			$ 2,518,694		$ 4,954,748
10.1	Certain Automobiles	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
12	Computer Application Software (Non-Systems)	B8	$ -	69,232	69,232					$ 69,232	$ -	$ 69,232	0.00	$ -	$ -	100%			$ 69,232		$ -
13_1	Lease # 1	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13_2	Lease # 2	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13_3	Lease # 3	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13_4	Lease # 4	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14	Limited Period Patents, Franchises, Concessions or Licences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	B8	$ 7,500,207							$ 7,500,207	$ -	$ -		$ -	$ -	7%			$ 525,015		$ 6,975,193
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	B8	$ 55,109,121	2,135,698	2,135,698					$ 57,244,819	$ -	$ 2,135,698	0.50	$ 1,067,849	$ -	5%			$ 2,915,633		$ 54,329,185
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	B8	$ 737,193							$ 737,193	$ -	$ -	0.50	$ -	$ -	8%			$ 58,975		$ 678,217
42	Fibre Optic Cable	B8	$ 1,857,052	17,278	17,278					$ 1,874,330	$ -	$ 17,278	0.50	$ 8,639	$ -	12%			$ 225,956		$ 1,648,373
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	1.00	$ -	$ -	50%			$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	B8	$ 120							$ 120	$ -	$ -		$ -	$ -	45%			$ 54		$ 66
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	B8	$ 646,600,455	73,617,583	73,617,583					$ 720,218,038	$ -	$ 73,617,583	0.50	$ 36,808,792	$ -	8%			$ 60,562,146		$ 659,655,891
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	B8	$ 520,685	887,744	887,744					$ 1,408,429	$ -	$ 887,744	0.50	$ 443,872	$ -	55%			$ 1,018,766		$ 389,664
95	CWIP	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -
	2024 Adjust for accelerated CCA rule (starting 2024 maximum up to 2 times normal CCA)	B8	$ -							$ -	$ -	$ -		$ -	$ -				-$ 3,686,355		$ 3,686,355
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
	TOTALS		$ 977,264,743	$ 81,134,789	$ 81,134,789	$ -	$ -	$ -	$ -	$ 1,058,399,532	$ -	$ 81,134,789		$ 40,532,779	$ -		$ -	$ -	$ 79,272,333	T1	$ 979,127,199

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Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Test Year	Adjusted Utility Balance		Test Year Adjustments		Balance for Test Year		Change During the Year	Disallowed Expenses
						Additions	Disposals				
Capital Gains Reserves ss.40(1)	B13	0		0				0		0	
Tax Reserves Not Deducted for accounting purposes											
Reserve for doubtful accounts ss. 20(1)(l)	B13	2,367,712		2,367,712				2,367,712		0	
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0		0				0		0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0		0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0		0	
Other tax reserves	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	T1	**0**	**0**	**2,367,712**	T1	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	B13	0		0				0		0	
General reserve for bad debts	B13	3,183,844		3,183,844				3,183,844		0	
Accrued Employee Future Benefits:	B13	0		0				0		0	
- Medical and Life Insurance	B13	0		0				0		0	
-Short & Long-term Disability	B13	0		0				0		0	
-Accmulated Sick Leave	B13	0		0				0		0	
- Termination Cost	B13	0		0				0		0	
- Other Post-Employment Benefits	B13	0		0				0		0	
Provision for Environmental Costs	B13	0		0				0		0	
Restructuring Costs	B13	0		0				0		0	
Accrued Contingent Litigation Costs	B13	0		0				0		0	
Accrued Self-Insurance Costs	B13	0		0				0		0	
Other Contingent Liabilities	B13	0		0				0		0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	B13	0		0				0		0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	B13	0		0				0		0	
Other	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	T1	**0**	**0**	**3,183,844**	T1	**0**	**0**

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Income Tax/PILs Workform for 2020 Filers

Version 1.10

Utility Name	Hydro Ottawa Limited	
Assigned EB Number	EB-2019-0261	
Name and Title	Gregory Van Dusen, Director, Regulatory Affairs	
Phone Number	613-738-5499,7472	
Email Address	RegulatoryAffairs@hydroottawa.com	
Date	Original	
Last COS Re-based Year		**2016**

Note: Drop-down lists are shaded blue; Input cells are shaded green.

Instructions

Purpose
The purpose of this workbook is to calculate the estimated Payment in Lieu of Taxes (PILs) for the Test Year. The calculation of PILs for the Test Year is on tab T0 and is based on the inputs on the other tabs.

Tab S Summary is a summary of the amounts to be transferred to the Data Input Sheet of the Revenue Requirement Workform.

Tab S1 Integrity Checks must be completed after the completion of the PILs calculation in this workbook.

Methodology
To calculate the PILs for the Test Year:

1) input the balances from the income tax return of the Historical Year in tabs H1 to H13.
2) input the balances for the Bridge Year and the Test Year.
Inputs should include:
- non-deductible expenses (Schedule 1 - B1 and T1)
- loss carryforward (Schedule 4 - B4 and T4)
- capital cost allowance (Schedule 8 - B8 and T8)
- non-deductible reserves (Schedule 13 - B13 and T13)

3) make any other adjustments and inputs required so that the PILs amount calculated for the Test Year on tab T0 is reasonable.

Other Notes
Tabs H0 to H13 relate to the Historical Year.
Tabs B0 to B13 relate to the Bridge Year.
Tabs T0 to T13 relate to the Test Year.

The amounts on tabs H0 to H13 should agree to the tax return filed with the Canada Revenue Agency. Any CRA audit adjustments or corrections should also be reflected.

It is assumed the net income before tax for the Test Year is equal to the Return on Equity. Return on Equity is calculated on tab A.

On tab "A. Data Input Sheet", input the "Rate Base" amount and "Return on Rate Base" amounts.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

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Income Tax/PILs Workform for 2020 Filers

No inputs required on this worksheet.

Inputs on Service Revenue Requirement Worksheet

The Service Revenue Requirement is in the 'Revenue Requirement Workform' - Tab 3.

Item	Working Paper Reference	
Adjustments required to arrive at taxable income	as below	**-32,076,354**
Test Year - Payments in Lieu of Taxes (PILs)	T0	**5,651,577**
Test Year - Grossed-up PILs	T0	**7,689,220**
Effective Federal Tax Rate	T0	**15.0%**
Effective Ontario Tax Rate	T0	**11.5%**

Calculation of Adjustments required to arrive at Taxable Income

Regulatory Income (before income taxes)	T1	53,723,813	
Taxable Income	T1	21,647,459	
Difference	calculated	-32,076,354	as above

Income Tax/PILs Workform for 2020 Filers

Integrity Checks

The applicant must ensure the following integrity checks have been completed and confirm this is the case in the table below, or provide an explanation if this is not the case:

	Item	Utility Confirmation (Y/N)	Notes
1	The depreciation and amortization added back in the application's PILs model agree with the numbers disclosed in the rate base section of the application	Y	
2	The capital additions and deductions in the CCA Schedule 8 agree with the rate base section for historical, bridge and test years	Y	
3	Schedule 8 of the most recent federal T2 tax return filed with the application has a closing December 31 historical year UCC that agrees with the opening (January 1) bridge year UCC. If the amounts do not agree, then the applicant must provide a reconciliation with explanations. Distributors must segregate non-distribution tax amounts on Schedule 8.	Y	
4	The CCA deductions in the application's PILs tax model for historical, bridge and test years (as applicable) agree with the numbers in the CCA Schedule 8 for the same years filed in the application	Y	
5	Loss carry-forwards, if any, from prior year tax returns' Schedule 4 agree with those disclosed in the application	NA	
6	A discussion is included in the application as to when the loss carry-forwards, if any, will be fully utilized	NA	
7	CCA is maximized even if there are tax loss carry-forwards	Y	
8	Other post-employment benefits and pension expenses that are added back on Schedule 1 to reconcile accounting income to net income for tax purposes agree with the OM&A analysis for compensation. The amounts deducted are reasonable when compared with the notes to the audited financial statements, Financial Services Commission of Ontario reports, and actuarial valuations.	Y	
9	The income tax rate used to calculate the tax expense is consistent with the utility's actual tax facts and evidence filed in the application	Y	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

			Test Year	Bridge Year		
Rate Base		S	**$ 1,419,762,511**	**$ 1,376,805,350**		
Return on Ratebase						
Deemed ShortTerm Debt %	4.00%	T	$ 56,790,500		*W = S * T*	
Deemed Long Term Debt %	56.00%	U	$ 795,067,006		*X = S * U*	
Deemed Equity %	40.00%	V	$ 567,905,004		*Y = S * V*	
Short Term Interest Rate	2.75%	Z	$ 1,561,739		*AC = W * Z*	
Long Term Interest	3.70%	AA	$ 29,417,479		*AD = X * AA*	
Return on Equity (Regulatory Income)	9.46%	AB	**$ 53,723,813**		*AE = Y * AB*	T1
Return on Rate Base			**$ 84,703,031**		*AF = AC + AD + AE*	

Questions that must be answered

	Historical Year	Bridge Year	Test Year
1. Does the applicant have any Investment Tax Credits (ITC)?	Yes	Yes	Yes
2. Does the applicant have any SRED Expenditures?	Yes	Yes	Yes
3. Does the applicant have any Capital Gains or Losses for tax purposes?	No	No	No
4. Does the applicant have any Capital Leases?	No	No	No
5. Does the applicant have any Loss Carry-Forwards (non-capital or net capital)?	No	No	No
6. Since 1999, has the applicant acquired another regulated applicant's assets?	No	No	No
7. Did the applicant pay dividends? *If Yes, please describe the tax treatment in the manager's summary.*	Yes	Yes	Yes
8. Did the applicant elect to capitalize interest incurred on CWIP for tax purposes?	No	No	No

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Tax Rates
Federal & Provincial
As of MMM XX, 2019

	Effective January 1, 2015	Effective January 1, 2016	Effective January 1, 2017	Effective January 1, 2018	Effective January 1, 2019	Effective January 1, 2020
Federal income tax						
General Corporate Rate	38.00%	38.00%	38.00%	38.00%	38.00%	38.00%
Federal Tax Abatement	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%	-10.00%
Adjusted Federal Rate	28.00%	28.00%	28.00%	28.00%	28.00%	28.00%
Rate Reduction	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%	-13.00%
Federal Income Tax	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Ontario Income Tax	11.50%	11.50%	11.50%	11.50%	11.50%	11.50%
Combined Federal and Ontario	26.50%	26.50%	26.50%	26.50%	26.50%	26.50%
Federal & Ontario Small Business						
Federal Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Ontario Small Business Limit	500,000	500,000	500,000	500,000	500,000	500,000
Federal Small Business Rate	11.00%	10.50%	10.50%	10.00%	9.00%	9.00%
Ontario Small Business Rate	4.50%	4.50%	4.50%	3.50%	3.50%	3.50%

Notes

1. The Ontario Energy Board's proxy for taxable capital is rate base.
2. Regarding the small business deduction, if applicable,
   a. If taxable capital exceeds $15 million, the small business rate will not be applicable.
   b. If taxable capital is below $10 million, the small business rate would be applicable.
   c. If taxable capital is between $10 million and $15 million, the appropriate small business rate will be calculated.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Historical Year

Note: Input the actual information from the tax returns for the historical year.

					Wires Only	
Regulatory Taxable Income				H1	$ 24,633,165	**A**
Combined Tax Rate and PILs	Ontario Tax Rate (Maximum 11.5%)	11.50%	**B**			
	Federal tax rate (Maximum 15%)	15.00%	**C**			
	Combined tax rate (Maximum 26.5%)				26.50%	**D = B+C**
Total Income Taxes					**$ 6,527,789**	**E = A * D**
Investment Tax Credits					$ 85,000	**F**
Miscellaneous Tax Credits					$ -	**G**
Total Tax Credits					**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Historical Year					**$ 6,442,789**	**I = E - H**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Historical Year

	T2S1 line #	Total for Legal Entity	Non-Distribution Eliminations	Historic Wires Only
Income before PILs/Taxes	(A + 101 + 102)	50,259,834		50,259,834
Additions:				
Interest and penalties on taxes	103	5,000		5,000
Amortization of tangible assets	104	59,500,744		59,500,744
Amortization of intangible assets	106	0		0
Recapture of capital cost allowance from Schedule 8	107	0		0
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108	0		0
Loss in equity of subsidiaries and affiliates	110	0		0
Loss on disposal of assets	111	1,000,000		1,000,000
Charitable donations and gifts from Schedule 2	112	0		0
Taxable capital gains from Schedule 6	113	0		0
Political contributions	114	0		0
Deferred and prepaid expenses	116	0		0
Scientific research expenditures deducted on financial statements	118	0		0
Capitalized interest	119	0		0
Non-deductible club dues and fees	120	0		0
Non-deductible meals and entertainment expense	121	85,000		85,000
Non-deductible automobile expenses	122	0		0
Non-deductible life insurance premiums	123	0		0
Non-deductible company pension plans	124	0		0
Tax reserves deducted in prior year	125	2,367,712		2,367,712
Reserves from financial statements – balance at the end of the year	126	3,183,844		3,183,844
Soft costs on construction and renovation of buildings	127	0		0
Capital items expensed	206	0		0
Debt issue expense	208	0		0
Development expenses claimed in current year	212	0		0
Financing fees deducted in books	216	0		0
Gain on settlement of debt	220	0		0
Non-deductible advertising	226	0		0
Non-deductible interest	227	0		0
Non-deductible legal and accounting fees	228	0		0
Recapture of SR&ED expenditures	231	0		0
Share issue expense	235	0		0
Write down of capital property	236	0		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237	0		0
Other additions				
Interest Expensed on Capital Leases	295	0		0
Realized Income from Deferred Credit Accounts	295	0		0
Pensions	295	780,000		780,000
Non-deductible penalties	295	0		0
	295	0		0
	295	0		0
ARO Accretion expense		0		0
Capital Contributions Received (ITA 12(1)(x))		0		0
Lease Inducements Received (ITA 12(1)(x))		0		0
Deferred Revenue (ITA 12(1)(a))		0		0
Prior Year Investment Tax Credits received		0		0
Current Year Investment Tax Credits received		85,000		85,000
				0
				0
				0
				0
				0
				0
				0
				0
				0
Total Additions		**67,007,300**	**0**	**67,007,300**
Deductions:				
Gain on disposal of assets per financial statements	401	0		0
Non-taxable dividends under section 83	402	0		0
Capital cost allowance from Schedule 8	403	85,337,236		85,337,236
Terminal loss from Schedule 8	404	0		0
Allowable business investment loss	406	0		0
Deferred and prepaid expenses	409	0		0
Scientific research expenses claimed in year	411	0		0
Tax reserves claimed in current year	413	2,367,712		2,367,712
Reserves from financial statements - balance at beginning of year	414	3,183,844		3,183,844
Contributions to deferred income plans	416	680,000		680,000
Book income of joint venture or partnership	305	0		0
Equity in income from subsidiary or affiliates	306	0		0
Other deductions				
Interest capitalized for accounting deducted for tax	395	0		0
Capital Lease Payments	395	0		0
Non-taxable imputed interest income on deferral and variance accounts	395	0		0
Scientific Research & Experimental Development Expenses	395	1,065,178		1,065,178
	395			0
ARO Payments - Deductible for Tax when Paid		0		0
ITA 13(7.4) Election - Capital Contributions Received		0		0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds		0		0
Deferred Revenue - ITA 20(1)(m) reserve		0		0
Principal portion of lease payments		0		0
Lease Inducement Book Amortization credit to income		0		0
Financing fees for tax ITA 20(1)(e) and (e.1)		0		0
				0
				0
				0
				0
				0
				0
				0
				0
Total Deductions		**92,633,970**	**0**	**92,633,970**
Net Income for Tax Purposes		**24,633,165**	**0**	**24,633,165**
Charitable donations from Schedule 2	311	0		0
Taxable dividends received under section 112 or 113	320	0		0
Non-capital losses of previous tax years from Schedule 4	331	0		0
Net capital losses of previous tax years from Schedule 4	332	0		0
Limited partnership losses of previous tax years from Schedule 4	335	0		0
TAXABLE INCOME		**24,633,165**	**0**	**24,633,165**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Historical

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Net Capital Loss Carry Forward Deduction	Total	Non-Distribution Portion	Utility Balance	
Actual Historical			0	B4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 - Historical Year

Class	Class Description	UCC End of Year Historical per tax returns	Less: Non-Distribution Portion	UCC Regulated Historical Year
1	Buildings, Distribution System (acq'd post 1987)	$ 128,917,465		$ 128,917,465
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	$ 78,043,542		$ 78,043,542
2	Distribution System (acq'd pre 1988)	$ 36,385,516		$ 36,385,516
3	Buildings (acq'd pre 1988)	$ 4,335,934		$ 4,335,934
6	Certain Buildings; Fences	$ -		$ -
8	General Office Equipment, Furniture, Fixtures	$ 11,628,423		$ 11,628,423
10	Motor Vehicles, Fleet	$ 5,629,030		$ 5,629,030
10.1	Certain Automobiles	$ -		$ -
12	Computer Application Software (Non-Systems)	$ -		$ -
13_1	Lease # 1	$ -		$ -
13_2	Lease # 2	$ -		$ -
13_3	Lease # 3	$ -		$ -
13_4	Lease # 4	$ -		$ -
14	Limited Period Patents, Franchises, Concessions or Licences	$ -		$ -
14.1	Eligible Capital Property (acq'd pre 2017)	$ 7,500,207		$ 7,500,207
14.1	Eligible Capital Property (acq'd post 2016)	$ 55,109,121		$ 55,109,121
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	$ 737,193		$ 737,193
42	Fibre Optic Cable	$ 1,857,052		$ 1,857,052
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	$ 120		$ 120
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	$ 646,600,455		$ 646,600,455
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	$ 520,685		$ 520,685
95	CWIP	$ -		$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
				$ -
	SUB-TOTAL - UCC	977,264,743	0	977,264,743

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Historical

Continuity of Reserves

Description	Historical Balance as per tax returns	Non-Distribution Eliminations	Utility Only	
Capital gains reserves ss.40(1)			0	B13
Tax reserves not deducted for accounting purposes				
Reserve for doubtful accounts ss. 20(1)(l)	2,367,712		2,367,712	B13
Reserve for undelivered goods and services not rendered ss. 20(1)(m)			0	B13
Reserve for unpaid amounts ss. 20(1)(n)			0	B13
Debt & share issue expenses ss. 20(1)(e)			0	B13
Other tax reserves			0	B13
			0	
			0	
			0	
			0	
			0	
Total	**2,367,712**	**0**	**2,367,712**	
Financial Statement Reserves (not deductible for Tax Purposes)				
General reserve for inventory obsolescence (non-specific)			0	B13
General reserve for bad debts	3,183,844		3,183,844	B13
Accrued Employee Future Benefits:			0	B13
- Medical and Life Insurance			0	B13
-Short & Long-term Disability			0	B13
-Accmulated Sick Leave			0	B13
- Termination Cost			0	B13
- Other Post-Employment Benefits			0	B13
Provision for Environmental Costs			0	B13
Restructuring Costs			0	B13
Accrued Contingent Litigation Costs			0	B13
Accrued Self-Insurance Costs			0	B13
Other Contingent Liabilities			0	B13
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)			0	B13
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)			0	B13
Other			0	B13
			0	
			0	
Total	**3,183,844**	**0**	**3,183,844**	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILS Tax Provision - Bridge Year

	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate		Reference	Wires Only	
Regulatory Taxable Income						B1	$ 32,659,581	A
Ontario (Max 11.5%)	11.5%	11.5%	########	11.5%	B			
Federal (Max 15%)	15.0%	15.0%	########	15.0%	C			
Combined effective tax rate (Max 26.5%)							26.50%	D = B + C
Total Income Taxes							**$ 8,654,789**	E = A * D
Investment Tax Credits							$ 85,000	F
Miscellaneous Tax Credits								G
Total Tax Credits							**$ 85,000**	H = F + G
Corporate PILs/Income Tax Provision for Bridge Year							**$ 8,569,789**	I = E - H

Note:

1. This is for the derivation of Bridge year PILs income tax expense and should not be used for Test year revenue requirement calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Adjusted Taxable Income - Bridge Year

	T2S1 line #	Working Paper Reference	Total for Regulated Utility
Income before PILs/Taxes	**(A + 101 + 102)**		51,822,953
Additions:			
Interest and penalties on taxes	103		5,000
Amortization of tangible assets	104		61,055,312
Amortization of intangible assets	106		0
Recapture of capital cost allowance from Schedule 8	107	B8	0
Income inclusion under subparagraph 13(38)(d)(iii)	108		0
Income or loss for tax purposes- joint ventures or partnerships	109		0
Loss in equity of subsidiaries and affiliates	110		0
Loss on disposal of assets	111		1,000,000
Charitable donations and gifts from Schedule 2	112		0
Taxable capital gains	113		0
Political contributions	114		0
Deferred and prepaid expenses	116		0
Scientific research expenditures deducted on financial statements	118		0
Capitalized interest	119		0
Non-deductible club dues and fees	120		0
Non-deductible meals and entertainment expense	121		85,000
Non-deductible automobile expenses	122		0
Non-deductible life insurance premiums	123		0
Non-deductible company pension plans	124		0
Tax reserves deducted in prior year	125	B13	2,367,712
Reserves from financial statements- balance at end of year	126	B13	3,183,844
Soft costs on construction and renovation of buildings	127		0
Capital items expensed	206		0
Debt issue expense	208		0
Development expenses claimed in current year	212		0
Financing fees deducted in books	216		0
Gain on settlement of debt	220		0
Non-deductible advertising	226		0
Non-deductible interest	227		0
Non-deductible legal and accounting fees	228		0
Recapture of SR&ED expenditures	231		0
Share issue expense	235		0
Write down of capital property	236		0
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237		0
Other Additions			
Interest Expensed on Capital Leases	295		0
Realized Income from Deferred Credit Accounts	295		0
Pensions	295		780,000
Non-deductible penalties	295		0
	295		0
	295		0
ARO Accretion expense			0
Capital Contributions Received (ITA 12(1)(x))			0
Lease Inducements Received (ITA 12(1)(x))			0
Deferred Revenue (ITA 12(1)(a))			0
Prior Year Investment Tax Credits received			0
Current Year Investment Tax Credits received			85,000
Total Additions			**68,561,868**
Deductions:			
Gain on disposal of assets per financial statements	401		0
Dividends not taxable under section 83	402		0
Capital cost allowance from Schedule 8	403	B8	79,272,333
Terminal loss from Schedule 8	404	B8	0
Allowable business investment loss	406		0
Deferred and prepaid expenses	409		0
Scientific research expenses claimed in year	411		0
Tax reserves claimed in current year	413	B13	2,367,712
Reserves from financial statements - balance at beginning of year	414	B13	3,183,844
Contributions to deferred income plans	416		680,000
Book income of joint venture or partnership	305		0
Equity in income from subsidiary or affiliates	306		0
Other deductions			0
Interest capitalized for accounting deducted for tax	395		0
Capital Lease Payments	395		0
Non-taxable imputed interest income on deferral and variance accounts	395		0
Scientific Research & Experimental Development Expenses	395		2,221,351
	395		
ARO Payments - Deductible for Tax when Paid			0
ITA 13(7.4) Election - Capital Contributions Received			0
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds			0
Deferred Revenue - ITA 20(1)(m) reserve			0
Principal portion of lease payments			0
Lease Inducement Book Amortization credit to income			0
Financing fees for tax ITA 20(1)(e) and (e.1)			0
Total Deductions		calculated	**87,725,240**
Net Income for Tax Purposes		calculated	**32,659,581**
Charitable donations	311		0
Taxable dividends received under section 112 or 113	320		0
Non-capital losses of previous tax years from Schedule 4	331	B4	0
Net capital losses of previous tax years from Schedule 4	332	B4	0
Limited partnership losses of previous tax years from Schedule 4	335		0
TAXABLE INCOME		calculated	**32,659,581**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Corporation Loss Continuity and Application

Schedule 4 Loss Carry Forward - Bridge Year

Non-Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year	B1	0	
Loss Carry Forward Generated in Bridge Year (if any)	B1	0	
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Net Capital Loss Carry Forward Deduction		**Total**	
Actual Historical	H4	0	
Amount to be used in Bridge Year			
Loss Carry Forward Generated in Bridge Year (if any)	B1		
Other Adjustments			
Balance available for use post Bridge Year	calculated	0	T4

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Bridge Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the bridge year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions
1	Buildings, Distribution System (acq'd post 1987)	H8	$ 128,917,465	$ -	$ -	$ -	$ -	$ -	$ -
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	H8	$ 78,043,542	$ 1,283,620	$ 1,283,620	$ -	$ -	$ -	$ -
2	Distribution System (acq'd pre 1988)	H8	$ 36,385,516			$ -	$ -	$ -	$ -
3	Buildings (acq'd pre 1988)	H8	$ 4,335,934			$ -	$ -	$ -	$ -
6	Certain Buildings; Fences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
8	General Office Equipment, Furniture, Fixtures	H8	$ 11,628,423	$ 1,279,222	$ 1,279,222	$ -	$ -	$ -	$ -
10	Motor Vehicles, Fleet	H8	$ 5,629,030	$ 1,844,412	$ 1,844,412	$ -	$ -	$ -	$ -
10.1	Certain Automobiles	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	Computer Application Software (Non-Systems)	H8	$ -	$ 69,232	$ 69,232	$ -	$ -	$ -	$ -
13_1	Lease # 1	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13_2	Lease # 2	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13_3	Lease # 3	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
13_4	Lease # 4	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
14	Limited Period Patents, Franchises, Concessions or Licences	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	H8	$ 7,500,207			$ -	$ -	$ -	$ -
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	H8	$ 55,109,121	$ 2,135,698	$ 2,135,698	$ -	$ -	$ -	$ -
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	H8	$ 737,193	$ -	$ -	$ -	$ -	$ -	$ -
42	Fibre Optic Cable	H8	$ 1,857,052	$ 17,278	$ 17,278	$ -	$ -	$ -	$ -
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	H8	$ 120			$ -	$ -	$ -	$ -
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
47	Distribution System (acq'd post Feb 22/05)	H8	$ 646,600,455	$ 73,617,583	$ 73,617,583	$ -	$ -	$ -	$ -
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	H8	$ 520,685	$ 887,744	$ 887,744	$ -	$ -	$ -	$ -
95	CWIP	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	2024 Adjust for accelerated CCA rule (starting 2024 maximum up to 2 times norma	H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -	$ -	$ -	$ -	$ -	$ -	$ -
		H8	$ -			$ -	$ -	$ -	$ -
		H8	$ -						
	TOTALS		$ 977,264,743	$ 81,134,789	$ 81,134,789	$ -	$ -	$ -	$ -

(1) Class	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the bridge year (column 9 minus column 17)	Working Paper Reference
1	$ 128,917,465	$ -	$ -	0.50	$ -	$ -	4%			$ 5,156,699		$ 123,760,767	T8
1b	$ 79,327,162	$ -	$ 1,283,620	0.50	$ 641,810	$ -	6%			$ 4,798,138		$ 74,529,023	T8
2	$ 36,385,516	$ -	$ -		$ -	$ -	6%			$ 2,183,131		$ 34,202,385	T8
3	$ 4,335,934	$ -	$ -		$ -	$ -	5%			$ 216,797		$ 4,119,137	T8
6	$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -	T8
8	$ 12,907,645	$ -	$ 1,279,222	0.50	$ 639,611	$ -	20%			$ 2,709,451		$ 10,198,194	T8
10	$ 7,473,442	$ -	$ 1,844,412	0.50	$ 922,206	$ -	30%			$ 2,518,694		$ 4,954,748	T8
10.1	$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
12	$ 69,232	$ -	$ 69,232	0.00	$ -	$ -	100%			$ 69,232		$ -	T8
13_1	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_2	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_3	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
13_4	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14	$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -	T8
14.1	$ 7,500,207	$ -	$ -		$ -	$ -	7%			$ 525,015		$ 6,975,193	T8
14.1	$ 57,244,819	$ -	$ 2,135,698	0.50	$ 1,067,849	$ -	5%			$ 2,915,633		$ 54,329,185	T8
17	$ 737,193	$ -	$ -	0.50	$ -	$ -	8%			$ 58,975		$ 678,217	T8
42	$ 1,874,330	$ -	$ 17,278	0.50	$ 8,639	$ -	12%			$ 225,956		$ 1,648,373	T8
43.1	$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -	T8
43.2	$ -	$ -	$ -	1.00	$ -	$ -	50%			$ -		$ -	T8
45	$ 120	$ -	$ -		$ -	$ -	45%			$ 54		$ 66	T8
46	$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -	T8
47	$ 720,218,038	$ -	$ 73,617,583	0.50	$ 36,808,792	$ -	8%			$ 60,562,146		$ 659,655,891	T8
50	$ 1,408,429	$ -	$ 887,744	0.50	$ 443,872	$ -	55%			$ 1,018,766		$ 389,664	T8
95	$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -	T8
	$ -	$ -	$ -		$ -	$ -				-$ 3,686,355		$ 3,686,355	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
	$ -	$ -	$ -		$ -	$ -						$ -	T8
TOTALS	$ 1,058,399,532	$ -	$ 81,134,789		$ 40,532,779	$ -		$ -	$ -	$ 79,272,333	B1	$ 979,127,199	

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Bridge Year

Continuity of Reserves

						Bridge Year Adjustments					
Description	**Reference**	**Historical Utility Only**	**Eliminate Amounts Not Relevant for Bridge Year**	**Adjusted Utility Balance**		**Additions**	**Disposals**	**Balance for Bridge Year**		**Change During the Year**	**Disallowed Expenses**
Capital gains reserves ss.40(1)	H13	0		0				0	T13	0	
Tax Reserves Not Deducted for Accounting Purposes											
Reserve for doubtful accounts ss. 20(1)(l)	H13	2,367,712		2,367,712				2,367,712	T13	0	
Reserve for goods and services not delivered ss. 20(1)(m)	H13	0		0				0	T13	0	
Reserve for unpaid amounts ss. 20(1)(n)	H13	0		0				0	T13	0	
Debt & share issue expenses ss. 20(1)(e)	H13	0		0				0	T13	0	
Other tax reserves	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	B1	**0**	**0**	**2,367,712**	B1	**0**	**0**
Financial statement reserves (not deductible for tax purposes)											
General Reserve for Inventory Obsolescence (non-specific)	H13	0		0				0	T13	0	
General Reserve for Bad Debts	H13	3,183,844		3,183,844				3,183,844	T13	0	
Accrued Employee Future Benefits:	H13	0		0				0	T13	0	
- Medical and Life Insurance	H13	0		0				0	T13	0	
- Short & Long-term Disability	H13	0		0				0	T13	0	
- Accumulated Sick Leave	H13	0		0				0	T13	0	
- Termination Cost	H13	0		0				0	T13	0	
- Other Post-Employment Benefits	H13	0		0				0	T13	0	
Provision for Environmental Costs	H13	0		0				0	T13	0	
Restructuring Costs	H13	0		0				0	T13	0	
Accrued Contingent Litigation Costs	H13	0		0				0	T13	0	
Accrued Self-Insurance Costs	H13	0		0				0	T13	0	
Other Contingent Liabilities	H13	0		0				0	T13	0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	H13	0		0				0	T13	0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	H13	0		0				0	T13	0	
Other	H13	0		0				0	T13	0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	B1	**0**	**0**	**3,183,844**	B1	**0**	**0**

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

PILs Tax Provision - Test Year

							Wires Only	
Regulatory Taxable Income						T1	$ 21,647,459	**A**
	Tax Rate	Small Business Rate (If Applicable)	Taxes Payable	Effective Tax Rate				
Ontario (Max 11.5%)	11.5%	11.5%	$ 2,489,458	11.5%	**B**			
Federal (Max 15%)	15.0%	15.0%	$ 3,247,119	15.0%	**C**			
Combined effective tax rate (Max 26.5%)							26.50%	**D = B + C**
Total Income Taxes							**$ 5,736,577**	**E = A * D**
Investment Tax Credits							$ 85,000	**F**
Miscellaneous Tax Credits								**G**
Total Tax Credits							**$ 85,000**	**H = F + G**
Corporate PILs/Income Tax Provision for Test Year							**$ 5,651,577**	**I = E - H** S. Summary
Corporate PILs/Income Tax Provision Gross Up [1]					73.50%	**J = 1-D**	**$ 2,037,643**	**K = I/J-I**
Income Tax (grossed-up)							**$ 7,689,220**	**L = K + I** S. Summary

Note:

1. This is for the derivation of revenue requirement and should not be used for sufficiency/deficiency calculations.

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Taxable Income - Test Year

	T2 S1 line #	Working Paper Reference	Test Year Taxable Income	
Net Income Before Taxes		A.	53,723,813	
Additions:				
Interest and penalties on taxes	103		5,000	
Amortization of tangible assets *2-4 ADJUSTED ACCOUNTING DATA P489*	104		64,379,637	
Amortization of intangible assets *2-4 ADJUSTED ACCOUNTING DATA P490*	106			
Recapture of capital cost allowance from Schedule 8	107	T8	0	
Income inclusion under subparagraph 13(38)(d)(iii) from Schedule 10	108			
Loss in equity of subsidiaries and affiliates	110			
Loss on disposal of assets	111		1,000,000	
Charitable donations	112			
Taxable Capital Gains	113			
Political Donations	114			
Deferred and prepaid expenses	116			
Scientific research expenditures deducted on financial statements	118			
Capitalized interest	119			
Non-deductible club dues and fees	120			
Non-deductible meals and entertainment expense	121		85,000	
Non-deductible automobile expenses	122			
Non-deductible life insurance premiums	123			
Non-deductible company pension plans	124			
Tax reserves beginning of year	125	T13	2,367,712	
Reserves from financial statements- balance at end of year	126	T13	3,183,844	
Soft costs on construction and renovation of buildings	127			
Book loss on joint ventures or partnerships	205			
Capital items expensed	206			
Debt issue expense	208			
Development expenses claimed in current year	212			
Financing fees deducted in books	216			
Gain on settlement of debt	220			
Non-deductible advertising	226			
Non-deductible interest	227			
Non-deductible legal and accounting fees	228			
Recapture of SR&ED expenditures	231			
Share issue expense	235			
Write down of capital property	236			
Amounts received in respect of qualifying environment trust per paragraphs 12(1)(z.1) and 12(1)(z.2)	237			
Other Additions				
Interest Expensed on Capital Leases	295			
Realized Income from Deferred Credit Accounts	295			
Pensions	295		780,000	
Non-deductible penalties	295			
	295			
	295			
	295			
	295			
ARO Accretion expense				
Capital Contributions Received (ITA 12(1)(x))				
Lease Inducements Received (ITA 12(1)(x))				
Deferred Revenue (ITA 12(1)(a))				
Prior Year Investment Tax Credits received				
Current Year Investment Tax Credits received			85,000	
Total Additions			**71,886,193**	
Deductions:				
Gain on disposal of assets per financial statements	401			
Dividends not taxable under section 83	402			
Capital cost allowance from Schedule 8	403	T8	95,074,305	
Terminal loss from Schedule 8	404	T8	0	
Allowable business investment loss	406			
Deferred and prepaid expenses	409			
Scientific research expenses claimed in year	411			
Tax reserves end of year	413	T13	2,367,712	
Reserves from financial statements - balance at beginning of year	414	T13	3,183,844	
Contributions to deferred income plans	416		680,000	
Book income of joint venture or partnership	305			
Equity in income from subsidiary or affiliates	306			
Other deductions				
Interest capitalized for accounting deducted for tax	395			
Capital Lease Payments	395			
Non-taxable imputed interest income on deferral and variance accounts	395			
Scientific Research & Experimental Development Expenses	395		2,656,686	
	395			
	395			
	395			
	395			
ARO Payments - Deductible for Tax when Paid				
ITA 13(7.4) Election - Capital Contributions Received				
ITA 13(7.4) Election - Apply Lease Inducement to cost of Leaseholds				
Deferred Revenue - ITA 20(1)(m) reserve				
Principal portion of lease payments				
Lease Inducement Book Amortization credit to income				
Financing fees for tax ITA 20(1)(e) and (e.1)				
Total Deductions		calculated	**103,962,547**	
NET INCOME FOR TAX PURPOSES		calculated	**21,647,459**	
Charitable donations	311			
Taxable dividends received under section 112 or 113	320			
Non-capital losses of previous tax years from Schedule 4	331	T4	0	
Net capital losses of previous tax years from Schedule 4	332	T4	0	
Limited partnership losses of previous tax years from Schedule 4	335			
REGULATORY TAXABLE INCOME		calculated	**21,647,459**	T0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 4 Loss Carry Forward - Test Year

Corporation Loss Continuity and Application

Non-Capital Loss Carry Forward Deduction	Working Paper Reference	Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years	T1	0		0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	calculated	0		0
Loss Carry Forward Generated in Test Year (if any)	T1	0		0
Other Adjustments				0
Balance available for use in Future Years	calculated	0		0

Net Capital Loss Carry Forward Deduction		Total	Non-Distribution Portion	Utility Balance
Actual/Estimated Bridge Year Carried Forward	B4	0		0
Amount to be used in Test Year and Price Cap Years				0
Number of years loss until next cost of service (i.e. years the loss is to be spread over)				
Amount to be used in Test Year	T1	0		0
Loss Carry Forward Generated in Test Year (if any)				0
Other Adjustments				0
Balance available for use in Future Years		0		0

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 8 CCA - Test Year

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the test year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the test year (column 9 minus column 17)
1	Buildings, Distribution System (acq'd post 1987)	B8	$ 123,760,767							$ 123,760,767	$ -	$ -	0.50	$ -	$ -	4%			$ 4,950,431		$ 118,810,336
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	B8	$ 74,529,023	1,768,725	1,768,725					$ 76,297,748	$ -	$ 1,768,725	0.50	$ 884,363	$ -	6%			$ 4,630,927		$ 71,666,822
2	Distribution System (acq'd pre 1988)	B8	$ 34,202,385							$ 34,202,385	$ -	$ -		$ -	$ -	6%			$ 2,052,143		$ 32,150,242
3	Buildings (acq'd pre 1988)	B8	$ 4,119,137							$ 4,119,137	$ -	$ -		$ -	$ -	5%			$ 205,957		$ 3,913,180
6	Certain Buildings; Fences	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	10%			$ -		$ -
8	General Office Equipment, Furniture, Fixtures	B8	$ 10,198,194	2,706,431	2,706,431					$ 12,904,625	$ -	$ 2,706,431	0.50	$ 1,353,216	$ -	20%			$ 2,851,568		$ 10,053,057
10	Motor Vehicles, Fleet	B8	$ 4,954,748	467,753	467,753					$ 5,422,501	$ -	$ 467,753	0.50	$ 233,877	$ -	30%			$ 1,696,913		$ 3,725,587
10.1	Certain Automobiles	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
12	Computer Application Software (Non-Systems)	B8	$ -	13,594,320	13,594,320					$ 13,594,320	$ -	$ 13,594,320	0.00	$ -	$ -	100%			$ 13,594,320		$ -
13 1	Lease # 1	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 2	Lease # 2	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 3	Lease # 3	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 4	Lease # 4	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14	Limited Period Patents, Franchises, Concessions or Licences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	B8	$ 6,975,193							$ 6,975,193	$ -	$ -		$ -	$ -	7%			$ 488,263		$ 6,486,929
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	B8	$ 54,329,185	7,305,683	7,305,683					$ 61,634,868	$ -	$ 7,305,683	0.50	$ 3,652,842	$ -	5%			$ 3,264,385		$ 58,370,483
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	B8	$ 678,217							$ 678,217	$ -	$ -	0.50	$ -	$ -	8%			$ 54,257		$ 623,960
42	Fibre Optic Cable	B8	$ 1,648,373	36,222	36,222					$ 1,684,595	$ -	$ 36,222	0.50	$ 18,111	$ -	12%			$ 204,325		$ 1,480,271
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	2.33	$ -	$ -	30%			$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	1.00	$ -	$ -	50%			$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	B8	$ 66							$ 66	$ -	$ -		$ -	$ -	45%			$ 30		$ 36
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -							$ -	$ -	$ -	0.50	$ -	$ -	30%			$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	B8	$ 659,655,891	91,545,854	91,545,854					$ 751,201,745	$ -	$ 91,545,854	0.50	$ 45,772,927	$ -	8%			$ 63,757,974		$ 687,443,772
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	B8	$ 389,664	1,573,599	1,573,599					$ 1,963,263	$ -	$ 1,573,599	0.50	$ 786,800	$ -	55%			$ 1,512,534		$ 450,728
95	CWIP	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -
	2024 Adjust for accelerated CCA rule (starting 2024 maximum up to 2 times normal CCA)	B8	$ 3,686,355							$ 3,686,355	$ -	$ -		$ -	$ -						$ 3,686,355
	2025 Adjust for accelerated CCA rule (starting 2024 maximum up to 2 times normal CCA)	B8	$ -							$ -	$ -	$ -		$ -	$ -				-$ 4,189,722		$ 4,189,722
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
	TOTALS		$ 979,127,199	$ 118,998,587	$ 118,998,587	$ -	$ -	$ -	$ -	$ 1,098,125,786	$ -	$ 118,998,587		$ 52,702,134	$ -		$ -	$ -	$ 95,074,305	T1	$ 1,003,051,481

Ontario Energy Board

Income Tax/PILs Workform for 2020 Filers

Schedule 13 Tax Reserves - Test Year

Continuity of Reserves

Description	Working Paper Reference	Bridge Year	Eliminate Amounts Not Relevant for Test Year	Adjusted Utility Balance		Test Year Adjustments: Additions	Test Year Adjustments: Disposals	Balance for Test Year		Change During the Year	Disallowed Expenses
Capital Gains Reserves ss.40(1)	B13	0		0				0		0	
Tax Reserves Not Deducted for accounting purposes											
Reserve for doubtful accounts ss. 20(1)(l)	B13	2,367,712		2,367,712				2,367,712		0	
Reserve for goods and services not delivered ss. 20(1)(m)	B13	0		0				0		0	
Reserve for unpaid amounts ss. 20(1)(n)	B13	0		0				0		0	
Debt & Share Issue Expenses ss. 20(1)(e)	B13	0		0				0		0	
Other tax reserves	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**2,367,712**	**0**	**2,367,712**	T1	**0**	**0**	**2,367,712**	T1	**0**	**0**
Financial Statement Reserves (not deductible for Tax Purposes)											
General Reserve for Inventory Obsolescence (non-specific)	B13	0		0				0		0	
General reserve for bad debts	B13	3,183,844		3,183,844				3,183,844		0	
Accrued Employee Future Benefits:	B13	0		0				0		0	
- Medical and Life Insurance	B13	0		0				0		0	
-Short & Long-term Disability	B13	0		0				0		0	
-Accmulated Sick Leave	B13	0		0				0		0	
- Termination Cost	B13	0		0				0		0	
- Other Post-Employment Benefits	B13	0		0				0		0	
Provision for Environmental Costs	B13	0		0				0		0	
Restructuring Costs	B13	0		0				0		0	
Accrued Contingent Litigation Costs	B13	0		0				0		0	
Accrued Self-Insurance Costs	B13	0		0				0		0	
Other Contingent Liabilities	B13	0		0				0		0	
Bonuses Accrued and Not Paid Within 180 Days of Year-End ss. 78(4)	B13	0		0				0		0	
Unpaid Amounts to Related Person and Not Paid Within 3 Taxation Years ss. 78(1)	B13	0		0				0		0	
Other	B13	0		0				0		0	
		0		0				0		0	
		0		0				0		0	
Total		**3,183,844**	**0**	**3,183,844**	T1	**0**	**0**	**3,183,844**	T1	**0**	**0**

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the test year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor (after 2023 no more 1.5 times, but half year rule still suspended)	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the test year (column 9 minus column 17)
1	Buildings, Distribution System (acq'd post 1987)	B8	$ 128,917,465.00							$ 128,917,465	$ -	$ -	0.00	$ -	$ -	4%			$ 5,156,699		$ 123,760,766
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	B8	$ 78,043,542.00	1,283,620	1,283,620					$ 79,327,162	$ -	$ 1,283,620	0.00	$ -	$ -	6%			$ 4,759,630		$ 74,567,532
2	Distribution System (acq'd pre 1988)	B8	$ 36,385,516.00							$ 36,385,516	$ -	$ -	0.00	$ -	$ -	6%			$ 2,183,131		$ 34,202,385
3	Buildings (acq'd pre 1988)	B8	$ 4,335,934.00							$ 4,335,934	$ -	$ -	0.00	$ -	$ -	5%			$ 216,797		$ 4,119,137
6	Certain Buildings; Fences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	10%			$ -		$ -
8	General Office Equipment, Furniture, Fixtures	B8	$ 11,628,424.00	1,279,222	1,279,222					$ 12,907,646	$ -	$ 1,279,222	0.00	$ -	$ -	20%			$ 2,581,529		$ 10,326,117
10	Motor Vehicles, Fleet	B8	$ 5,629,030.00	1,844,412	1,844,412					$ 7,473,442	$ -	$ 1,844,412	0.00	$ -	$ -	30%			$ 2,242,033		$ 5,231,409
10.1	Certain Automobiles	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	30%			$ -		$ -
12	Computer Application Software (Non-Systems)	B8	$ -	69,232	69,232					$ 69,232	$ -	$ 69,232	0.00	$ -	$ -	100%			$ 69,232		$ -
13 1	Lease # 1	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 2	Lease # 2	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 3	Lease # 3	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 4	Lease # 4	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14	Limited Period Patents, Franchises, Concessions or Licences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	B8	$ 7,500,207.00							$ 7,500,207	$ -	$ -	0.00	$ -	$ -	7%			$ 525,014		$ 6,975,193
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	B8	$ 55,109,121.00	2,135,698	2,135,698					$ 57,244,819	$ -	$ 2,135,698	0.00	$ -	$ -	5%			$ 2,862,241		$ 54,382,578
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	B8	$ 737,193.00							$ 737,193	$ -	$ -	0.00	$ -	$ -	8%			$ 58,975		$ 678,218
42	Fibre Optic Cable	B8	$ 1,857,052.00	17,278	17,278					$ 1,874,330	$ -	$ 17,278	0.00	$ -	$ -	12%			$ 224,920		$ 1,649,410
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	30%			$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	50%			$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	B8	$ 120.00							$ 120	$ -	$ -	0.00	$ -	$ -	45%			$ 54		$ 66
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	30%			$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	B8	$ 646,600,455.00	73,617,583	73,617,583					$ 720,218,038	$ -	$ 73,617,583	0.00	$ -	$ -	8%			$ 57,617,443		$ 662,600,595
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	B8	$ 520,685.00	887,744	887,744					$ 1,408,429	$ -	$ 887,744	0.00	$ -	$ -	55%			$ 774,636		$ 633,793
95	CWIP	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
	TOTALS		$ 977,264,744	$ 81,134,789	$ 81,134,789	$ -	$ -	$ -	$ -	$ 1,058,399,533	$ -	$ 81,134,789		$ -	$ -		$ -	$ -	$ 79,272,333	T1	$ 979,127,200

Hydro Ottawa Limited
December 31, 2025

(1) Class	Class Description	Working Paper Reference	(2) Undepreciated capital cost (UCC) at the beginning of the test year	(3) Cost of acquisitions during the year (new property must be available for use, except CWIP)	(4) Cost of acquisitions from column 3 that are accelerated investment incentive property (AIIP)	(5) Adjustments and transfers (enter amounts that will reduce the UCC as negatives)	(6) Amount from column 5 that is assistance received or receivable during the year for a property, subsequent to its disposition	(7) Amount from column 5 that is repaid during the year for a property, subsequent to its disposition	(8) Proceeds of dispositions	(9) UCC (column 2 plus column 3 plus or minus column 5 minus column 8)	(10) Proceeds of disposition available to reduce the UCC of AIIP (column 8 plus column 6 minus column 3 plus column 4 minus column 7) (if negative, enter "0")	(11) Net capital cost additions of AIIP acquired during the year (column 4 minus column 10) (if negative, enter "0")	Relevant factor (after 2023 no more 1.5 times, but half year rule still suspended)	(12) UCC adjustment for AIIP acquired during the year (column 11 multiplied by the relevant factor)	(13) UCC adjustment for non-AIIP acquired during the year (0.5 multiplied by the result of column 3 minus column 4 minus column 6 plus column 7 minus column 8) (if negative, enter "0")	(14) CCA Rate %	(15) Recapture of CCA	(16) Terminal Loss	(17) CCA (for declining balance method, the result of column 9 plus column 12 minus column 13, multiplied by column 14)		(18) UCC at the end of the test year (column 9 minus column 17)
1	Buildings, Distribution System (acq'd post 1987)	B8	$ 123,760,767							$ 123,760,767	$ -	$ -	0.00	$ -	$ -	4%			$ 4,950,431		$ 118,810,336
1b	Non-Residential Buildings [Reg. 1100(1)(a.1) election]	B8	$ 74,567,532	1,768,725	1,768,725					$ 76,336,257	$ -	$ 1,768,725	0.00	$ -	$ -	6%			$ 4,580,175		$ 71,756,082
2	Distribution System (acq'd pre 1988)	B8	$ 34,202,385							$ 34,202,385	$ -	$ -	0.00	$ -	$ -	6%			$ 2,052,143		$ 32,150,242
3	Buildings (acq'd pre 1988)	B8	$ 4,119,137							$ 4,119,137	$ -	$ -	0.00	$ -	$ -	5%			$ 205,957		$ 3,913,180
6	Certain Buildings; Fences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	10%			$ -		$ -
8	General Office Equipment, Furniture, Fixtures	B8	$ 10,326,116	2,706,431	2,706,431					$ 13,032,547	$ -	$ 2,706,431	0.00	$ -	$ -	20%			$ 2,606,509		$ 10,426,038
10	Motor Vehicles, Fleet	B8	$ 5,231,409	467,753	467,753					$ 5,699,162	$ -	$ 467,753	0.00	$ -	$ -	30%			$ 1,709,749		$ 3,989,413
10.1	Certain Automobiles	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	30%			$ -		$ -
12	Computer Application Software (Non-Systems)	B8	$ -	13,594,320	13,594,320					$ 13,594,320	$ -	$ 13,594,320	0.00	$ -	$ -	100%			$ 13,594,320		$ -
13 1	Lease # 1	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 2	Lease # 2	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 3	Lease # 3	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
13 4	Lease # 4	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14	Limited Period Patents, Franchises, Concessions or Licences	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	NA					$ -
14.1	Eligible Capital Property (acq'd pre Jan 1, 2017)	B8	$ 6,975,193							$ 6,975,193	$ -	$ -	0.00	$ -	$ -	7%			$ 488,263		$ 6,486,929
14.1	Eligible Capital Property (acq'd post Jan 1, 2017)	B8	$ 54,382,578	7,305,683	7,305,683					$ 61,688,261	$ -	$ 7,305,683	0.00	$ -	$ -	5%			$ 3,084,413		$ 58,603,848
17	Elec. Generation Equip. (Non-Bldng, acq'd post Feb 27/00); Roads, Lots, Storage	B8	$ 678,217							$ 678,217	$ -	$ -	0.00	$ -	$ -	8%			$ 54,257		$ 623,960
42	Fibre Optic Cable	B8	$ 1,649,410	36,222	36,222					$ 1,685,632	$ -	$ 36,222	0.00	$ -	$ -	12%			$ 202,276		$ 1,483,356
43.1	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	30%			$ -		$ -
43.2	Certain Clean Energy/Energy-Efficient Generation Equipment	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	50%			$ -		$ -
45	Computers & System Software (acq'd post Mar 22/04 and pre Mar 19/07)	B8	$ 66							$ 66	$ -	$ -	0.00	$ -	$ -	45%			$ 30		$ 36
46	Data Network Infrastructure Equipment (acq'd post Mar 22/04)	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	30%			$ -		$ -
47	Distribution System (acq'd post Feb 22/05)	B8	$ 662,600,595	91,545,854	91,545,854					$ 754,146,449	$ -	$ 91,545,854	0.00	$ -	$ -	8%			$ 60,331,716		$ 693,814,733
50	General Purpose Computer Hardware & Software (acq'd post Mar 18/07)	B8	$ 633,793	1,573,599	1,573,599					$ 2,207,392	$ -	$ 1,573,599	0.00	$ -	$ -	55%			$ 1,214,066		$ 993,326
95	CWIP	B8	$ -							$ -	$ -	$ -	0.00	$ -	$ -	0%			$ -		$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
		B8	$ -							$ -	$ -	$ -		$ -	$ -						$ -
	TOTALS		**$ 979,127,198**	**$ 118,998,587**	**$ 118,998,587**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 1,098,125,785**	**$ -**	**$ 118,998,587**		**$ -**	**$ -**		**$ -**	**$ -**	**$ 95,074,305**	T1	**$ 1,003,051,480**

LOST REVENUE ADJUSTMENT MECHANISM

1. INTRODUCTION

On March 31, 2010, the Ministry of Energy and Infrastructure issued a directive ("2010 Directive") to the OEB to take steps in order to establish Conservation and Demand Management ("CDM") targets to be met by licenced electricity distributors over a four-year period beginning January 1, 2011.[1]

In response to the 2010 Directive, the OEB established the *Conservation and Demand Management Code for Electricity Distributors* ("CDM Code") in September 2010. In addition, in April 2012 the OEB issued a set of *Guidelines for Electricity Distributor Conservation and Demand Management* ("2012 CDM Guidelines") which articulated more specific guidance on the obligations and requirements in relation to CDM targets with which distributors were mandated to comply, as stipulated in their licences.[2] Of note, the 2012 CDM Guidelines provided updated details on the Lost Revenue Adjustment Mechanism ("LRAM") which was set-up to compensate distributors for lost revenues resulting from CDM programs for the 2011-2014 period. The CDM Code and 2012 CDM Guidelines were applicable for all activities related to the 2011-2014 CDM Framework.

Under the 2011-2014 CDM Framework, results were predominantly achieved through the delivery of provincially-developed programs that were funded by the Ontario Power Authority ("OPA") in cooperation with electricity distributors.[3] The 2011-2014 framework terminated on December 31, 2014.

[1] Ministry of Energy and Infrastructure, *Directive* EB-2010-0216 (March 31, 2010).
[2] Ontario Energy Board, *Guidelines for Electricity Distributor Conservation and Demand Management*, EB-2012-0003, (April 26, 2012).
[3] References to the OPA remain for activities occurring prior to January 1, 2015. As of January 1, 2015, the functions of the OPA were transferred to the Independent Electricity System Operator through a merger of the two organizations.

In 2013, the Government of Ontario released an updated Long-Term Energy Plan ("LTEP").[4] A key priority in the 2013 LTEP was reinforcement of the principle of "conservation first" in the electricity sector's planning processes. In conjunction with the implementation of the 2013 LTEP, the Ministry of Energy established a new Conservation First Framework ("CFF"). The CFF was structured around the goal of achieving 7 TWh of electricity savings province-wide from 2015-2020, with programs funded by the Independent Electricity System Operator ("IESO") and delivered by electricity distributors. In turn, the OEB received a directive from the Minister of Energy on March 31, 2014 that required the OEB to promote CDM and establish guidelines for CDM program implementation by electricity distributors. These new CDM guidelines were effective as of January 1, 2015, as part of the launch of the CFF framework.

On March 20, 2019, the Minister of Energy, Northern Development and Mines issued a directive to the IESO mandating the discontinuance of the CFF and the establishment of an Interim Framework for CDM programming. Under the Interim Framework, the new province-wide target for CDM savings is 1.4 TWh, with this framework scheduled to expire on December 31, 2020.

Subsequent to the discontinuance of the 2015-2020 CFF framework, the OEB issued a letter to distributors on June 20, 2019 stating that distributors should continue to have access to LRAM related to the successful delivery of CFF programs.[5] In addition, the OEB issued an addendum to both the *Chapter 2* and *Chapter 3 Filing Requirements for Electricity Distribution Rate Applications*, in order to make modifications reflecting the new requirements set forth in the Interim Framework.[6]

For additional information on the termination of the CFF and the establishment and implementation of the Interim Framework, please see Exhibit 4-1-6: Conservation and Demand Management.

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[4] Ministry of Energy, *Achieving Balance - Ontario's Long-Term Energy Plan* (December 2013).
[5] Ontario Energy Board, Letter re: *Lost Revenue Adjustment Mechanism for 2020 Rate Applications* (June 20, 2019).
[6] https://www.oeb.ca/sites/default/files/Addendum-to-Filing-Requirements-20190715.pdf.

The IESO has made monthly Participation and Cost Reports available to electricity distributors from January 1, 2018 to March 31, 2019. These reports include incremental first year energy savings as well as information related to persistence. The OEB has directed that the results from the IESO's 2017 program evaluation should be applied to the January 1, 2018 to March 31, 2019 gross unverified savings values, including net-to-gross factors and gross realization rates.[7] To calculate net savings values at the project level, distributors are instructed to rely on results from the IESO's 2017 program evaluation.

2. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT

The CDM Guidelines issued in 2012 authorized the establishment of an LRAM variance account ("LRAMVA") Uniform System of Accounts ("USofA") 1568 for the 2011-2014 CDM period to capture, at the customer rate-class, the difference between the following:

- The results of the actual verified impacts of authorized CDM activities undertaken by the electricity distributor for OEB-approved CDM programs and/or OPA-Contracted Province-Wide CDM programs in relation to activities undertaken by the distributor and/or delivered for the distributor by a third party under contract (in the distributor's franchise area);

  AND

- The level of CDM program activities included in the distributor's load forecast (i.e. the level embedded into rates).[8]

Account 1568 has also been approved for use for LRAM variances related to the 2015-2020 CFF framework.

[7] Ontario Energy Board, *Addendum to Filing Requirements for Electricity Distribution Rate Applications - 2020 Rate Applications* (July 15, 2019), pages 6-7.
[8] Ontario Energy Board, *Guidelines for Electricity Distributor Conservation and Demand Management*, EB-2012-0003, (April 26, 2012), Appendix B, pages 13 and 21.

Hydro Ottawa will follow section 2.4.6.2 of the *Chapter 2 Filing Requirements for Electricity Distribution Rate Applications*, as updated on July 12, 2018 and addended on July 15, 2019, which states that electricity distributors must apply for the clearance of energy-related and/or demand-related LRAMVA balances attributable to approved energy efficiency programs in a Cost of Service ("COS") year. As per this Application, this year is 2021 for Hydro Ottawa's purposes.

Moreover, according to an additional set of CDM guidelines issued by the OEB in 2014, "[d]istributors should continue to rely on the LRAMVA to track and dispose lost revenues that result from approved CDM programs between 2015-2020."[9] At the time of filing this Application, Hydro Ottawa can support the 2014 LRAM claims. Hydro Ottawa will provide LRAM claims for years after 2014 as part of subsequent updates to this Application. Please refer to Exhibit 4-5-2: LRAM Variance Account for details on the disposition of LRAMVA being proposed.

Hydro Ottawa has appended the 2014-2017 annual IESO Final Verified Reports to this Schedule, as follows:

- Attachment 4-5-1(A): IESO Final Verified 2014 CDM Report
- Attachment 4-5-1(B): IESO Final Verified 2015 CDM Summary Report
- Attachment 4-5-1(C): IESO Final Verified 2016 CDM Summary Report
- Attachment 4-5-1(D): IESO Final Verified 2017 CDM Summary Report

As per the aforementioned addendum to the OEB's filing requirements, Hydro Ottawa will rely on the IESO's monthly Participation and Cost Reports from January 1, 2018 to March 31, 2019 for LRAM calculations after 2017.

[9] Ontario Energy Board, *Conservation and Demand Management Requirement Guidelines for Electricity Distributors*, EB-2014-0278 (December 19, 2014; updated August 11, 2016), page 11.

Message from the Vice President:

The IESO is pleased to provide the enclosed 2011-2014 Final Results Report. This report is designed to help populate LDC Annual Reports that will be submitted to the Ontario Energy Board (OEB) in September 2015.

2011-2014 Conservation Framework Highlights:

- LDCs have made significant achievements against dual energy and peak demand savings targets. Collectively, the LDCs have achieved 109% of the energy target and 70% of the peak demand target.
- Momentum has built as we transition to the Conservation First Framework. 2014 demonstrated an achievement of over 1 TWh of net incremental energy savings, positioning us well for average net incremental energy savings of 1.2 TWh required in the new framework to meet our 2020 CDM targets.
- Throughout the past framework, program results have become more predictable year over year as noted in the increasingly smaller variance between quarterly preliminary results and verified final results.
- Customer engagement continued to increase in both the Consumer and Business Programs. Between 2011 - 2014 consumers have purchased over 10 million energy efficient products through the saveONenergy COUPONS program. Customers in RETROFIT continue to declare a positive experience participating in the program with 86% likely to recommend.
- saveONenergy has seen a steady and significant increase in unaided brand awareness by 33% from 2011-2014
- Conservation is becoming even more cost-effective as programs become more efficient and effective. 2014 proved early investments in long lead time projects will pay off with the high savings now being realized in programs like PROCESS & SYSTEMS and RETROFIT. Within 4 cents per kWh, Conservation programs continue to be a valuable and cost effective resource for customers across the province.

The 2011-2014 Final Results within this report vary from the Draft 2011-2014 Final Results Report for the following reasons:

- Savings from Time of Use pricing are included in the Final Results Report. Overall the province saved 55 MWs from Time-of-Use pricing in 2014, or 0.73% of residential summer peak demand.
- Between August 4th and August 28th, the IESO and LDCs have worked collaboratively to reconcile projects from 2011-2014 Final Results Report to ensure every eligible project was captured and accurately reported.
- Verified savings from Innovation Fund pilots are also included for participating LDCs.

All results will be considered final for the 2011-2014 Conservation Framework. Any additional program activity not captured in the 2011-2014 Final Results Report will not be included as part of a future adjustment process.

Please continue to monitor saveONenergy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and we look forward to the success ahead in the Conservation First Framework.

Sincerely,

Terry Young

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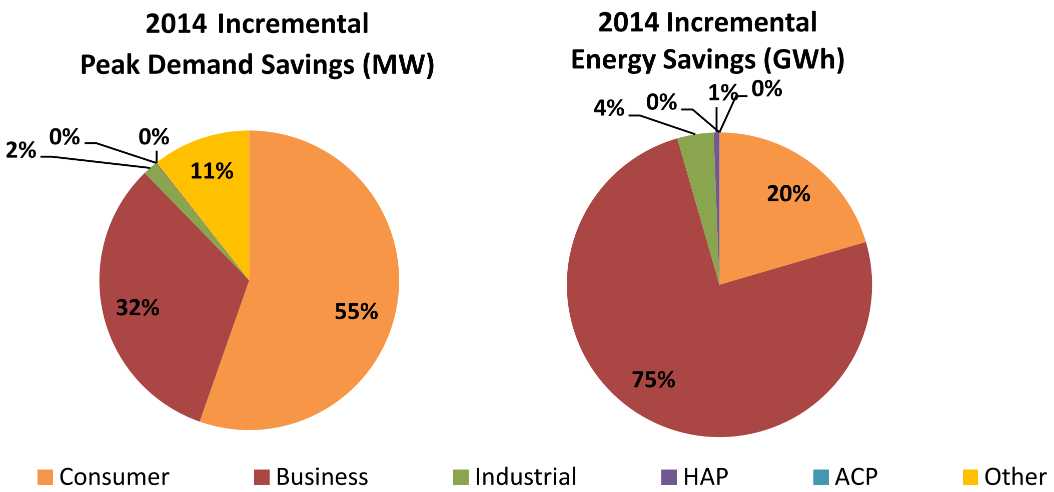
IESO-Contracted Province-Wide CDM Programs: 2011-2014 Final Results Report

LDC: Hydro Ottawa Limited

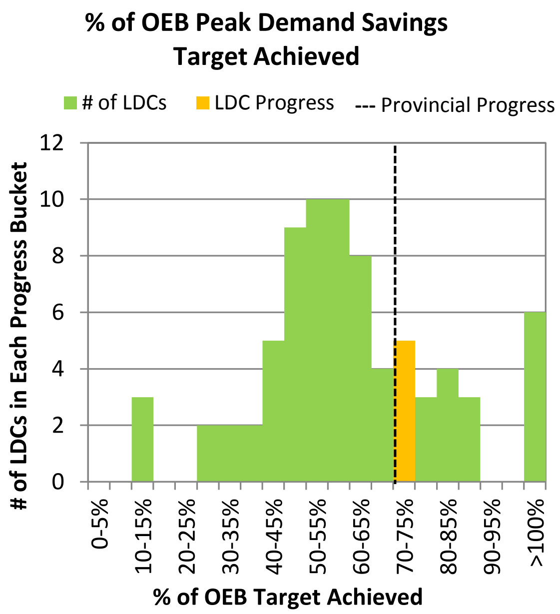
Final 2014 Achievement Against Targets	2014 Incremental	2011-2014 Achievement Against Target	% of Target Achieved
Net Annual Peak Demand Savings (MW)	34.7	60.1	**70.5%**
Net Energy Savings (GWh)	72.0	414.9	**110.7%**

Unless otherwise noted, results are presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Achievement by Sector



Comparison: LDC Achievement vs. LDC Community Achievement (Progress to Target)



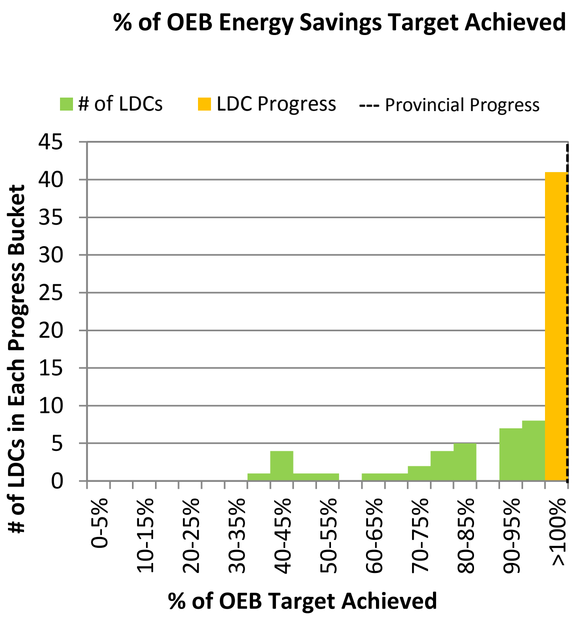


Table 1: Hydro Ottawa Limited Initiative and Program Level Net Savings by Year

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR): 2014 Net Annual Peak Demand Savings (kW)	Program-to-Date Verified Progress to Target (excludes DR): 2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	4,110	2,604	1,602	1,643	246	146	104	110	1,754,416	1,040,845	681,703	716,646	597	12,213,082
Appliance Exchange	Appliances	183	178	191	291	19	25	40	60	22,795	43,987	70,563	107,507	132	461,436
HVAC Incentives	Equipment	7,863	7,275	7,037	7,752	2,880	1,606	1,448	1,615	5,465,411	2,835,583	2,563,561	3,010,372	7,549	38,505,885
Conservation Instant Coupon Booklet	Items	29,787	1,728	19,469	68,482	69	13	29	137	1,104,610	78,235	431,268	1,868,341	248	7,384,024
Bi-Annual Retailer Event	Items	53,276	59,361	52,864	269,963	94	83	66	450	1,644,342	1,498,537	961,278	6,876,882	693	19,872,416
Retailer Co-op	Items	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	5,701	16,134	23,018	28,262	3,193	7,249	11,608	15,892	8,266	55,891	48,406	0	15,892	112,564
Residential Demand Response (IHD)	Devices	0	9,659	18,720	24,359	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	2	677	0	0	2	59	0	0	16,548	459,558	61	492,655
Consumer Program Total						**6,500**	**9,122**	**13,296**	**18,322**	**9,999,841**	**5,553,079**	**4,773,328**	**13,039,306**	**25,172**	**79,042,061**
Business Program															
Retrofit	Projects	338	625	857	878	2,832	5,116	4,897	5,592	14,868,304	22,549,482	26,220,638	34,825,481	18,021	212,851,962
Direct Install Lighting	Projects	1,063	1,107	1,143	2,563	1,416	843	1,011	2,269	3,870,853	3,365,166	3,655,868	8,627,005	4,902	39,584,187
Building Commissioning	Buildings	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Construction	Buildings	0	11	16	18	0	14	125	938	0	16,176	117,105	2,930,033	1,077	3,212,772
Energy Audit	Audits	13	25	53	22	0	124	423	294	0	604,230	2,325,637	1,436,019	841	7,899,983
Small Commercial Demand Response	Devices	7	33	215	432	4	21	138	361	16	120	46	0	361	182
Small Commercial Demand Response (IHD)	Devices	0	0	25	51	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	10	11	12	12	597	644	1,520	1,256	23,305	9,354	24,274	0	1,256	56,934
Business Program Total						**4,850**	**6,761**	**8,115**	**10,710**	**18,762,479**	**26,544,529**	**32,343,568**	**47,818,538**	**26,458**	**263,606,019**
Industrial Program															
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	14	36	45	0	0	109	331	0	0	816,987	2,454,402	392	3,791,710
Retrofit	Projects	12	0	0	0	81	0	0	0	533,952	0	0	0	81	2,135,807
Demand Response 3	Facilities	0	1	2	2	0	42	189	189	0	1,010	4,299	0	189	5,309
Industrial Program Total						**81**	**42**	**297**	**520**	**533,952**	**1,010**	**821,286**	**2,454,402**	**662**	**5,932,826**
Home Assistance Program															
Home Assistance Program	Homes	0	450	990	949	0	26	32	30	0	319,766	384,041	388,673	88	2,113,531
Home Assistance Program Total						**0**	**26**	**32**	**30**	**0**	**319,766**	**384,041**	**388,673**	**88**	**2,113,531**
Aboriginal Program															
Home Assistance Program	Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	175	0	0	0	934	0	0	0	4,899,976	0	0	0	934	19,599,902
High Performance New Construction	Projects	16	12	3	0	321	807	286	0	1,651,092	2,431,058	1,899,180	0	1,415	17,695,901
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Total						**1,255**	**807**	**286**	**0**	**6,551,068**	**2,431,058**	**1,899,180**	**0**	**2,348**	**37,295,803**
Other															
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	3,513	0	0	0	0	3,513	0
LDC Pilots	Projects	0	0	0	2	0	0	0	31	0	0	0	543,761	31	543,761
Other Total						**0**	**0**	**0**	**3,513**	**0**	**0**	**0**	**0**	**3,513**	**0**
Adjustments to 2011 Verified Results							**-209**	**0**	**1**		**244,069**	**0**	**6,110**	**-216**	**978,093**
Adjustments to 2012 Verified Results								**478**	**645**			**2,376,882**	**3,023,205**	**1,118**	**16,186,157**
Adjustments to 2013 Verified Results									**958**				**4,724,139**	**958**	**9,165,873**
Energy Efficiency Total						**8,893**	**8,803**	**8,571**	**15,428**	**35,815,751**	**34,783,066**	**40,144,378**	**64,244,681**	**40,573**	**388,359,012**
Demand Response Total (Scenario 1)						**3,794**	**7,956**	**13,455**	**17,698**	**31,588**	**66,376**	**77,026**	**0**	**17,698**	**174,989**
Adjustments to Previous Years' Verified Results Total						**0**	**-209**	**478**	**1,605**	**0**	**244,069**	**2,376,882**	**7,753,454**	**1,861**	**26,330,123**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**12,687**	**16,550**	**22,503**	**34,731**	**35,847,339**	**35,093,510**	**42,598,285**	**71,998,134**	**60,132**	**414,864,124**
													Full OEB Target:	**85,260**	**374,730,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**70.5%**	**110.7%**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 2: Adjustments to Hydro Ottawa Limited Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR)	
														2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-1,817	269	363		-519	56	80		-968,746	113,736	141,436		-383	-3,250,902
Conservation Instant Coupon Booklet	Items	460	0	59		1	0	0		15,424	0	1,319		1	64,334
Bi-Annual Retailer Event	Items	4,578	0	0		6	0	0		122,169	0	0		6	488,676
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	0	0	0		0	0	0		0	0	0		0	0
Consumer Program Total						**-512**	**56**	**80**		**-831,152**	**113,736**	**142,755**		**-376**	**-2,697,892**
Business Program															
Retrofit	Projects	34	78	80		162	621	582		927,562	3,403,202	3,603,293		1,357	21,101,019
Direct Install Lighting	Projects	38	34	10		44	19	7		108,877	63,534	24,045		62	652,329
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	0	6	7		0	352	190		0	1,179,763	272,381		542	4,084,051
Energy Audit	Audits	5	1	5		27	9	44		131,991	46,528	243,957		81	1,155,463
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						**233**	**1,001**	**823**		**1,168,430**	**4,693,027**	**4,143,676**		**2,042**	**26,992,863**
Industrial Program															
Process & System Upgrades	Projects	0	0	0		0	0	0		0	0	0		0	0
Monitoring & Targeting	Projects	0	0	0		0	0	0		0	0	0		0	0
Energy Manager	Projects	0	14	19		0	64	134		0	561,605	846,892		246	3,672,889
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						**0**	**64**	**134**		**0**	**561,605**	**846,892**		**246**	**3,672,889**
Home Assistance Program															
Home Assistance Program	Homes	0	56	456		0	2	19		0	32,012	258,001		21	609,836
Home Assistance Program Total						**0**	**2**	**19**		**0**	**32,012**	**258,001**		**21**	**609,836**
Aboriginal Program															
Home Assistance Program	Homes	0	0	0		0	0	0		0	0	0		0	0
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						**0**	**0**	**0**		**0**	**0**	**0**		**0**	**0**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	6	0	0		27	0	0		157,372	0	0		27	629,486
High Performance New Construction	Projects	2	0	2		43	0	-143		-244,470	0	-949,590		-100	-2,877,059
Toronto Comprehensive	Projects	0	0	0		0	0	0		0	0	0		0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						**70**	**0**	**-143**		**-87,098**	**0**	**-949,590**		**-73**	**-2,247,573**
Other															
Program Enabled Savings	Projects	0	0	0		0	0	0		0	0	0		0	0
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total						**0**	**0**	**0**		**0**	**0**	**0**		**0**	**0**
Adjustments to 2011 Verified Results						**-208**				**250,179**				**-216**	**978,093**
Adjustments to 2012 Verified Results							**1,123**				**5,400,379**			**1,118**	**16,186,157**
Adjustments to 2013 Verified Results								**913**				**4,441,735**		**958**	**9,165,873**
Total Adjustments to Previous Years' Verified Results						**-208**	**1,123**	**913**		**250,179**	**5,400,379**	**4,441,735**		**1,861**	**26,330,123**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 3: Hydro Ottawa Limited Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	n/a	n/a	0.52	0.47	0.42	0.42	1.00	1.00	n/a	n/a	0.52	0.47	0.44	0.44
Appliance Exchange	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51	1.00	1.00	n/a	1.00	0.60	0.49	0.48	0.51
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.61	1.00	1.00	1.00	1.00	1.11	1.05	1.13	1.62
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.13	0.91	1.04	1.74	1.00	1.00	1.00	1.00	1.10	0.92	1.04	1.75
Retailer Co-op	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	n/a	n/a	1.12	1.48	n/a	n/a	0.63	0.63	n/a	n/a	1.53	0.77	n/a	n/a	0.63	0.63
Business Program																
Retrofit	0.93	0.95	0.92	0.83	0.73	0.74	0.74	0.71	1.24	1.05	1.00	0.96	0.75	0.75	0.73	0.72
Direct Install Lighting	1.08	0.68	0.82	0.78	0.93	0.94	0.94	0.94	0.90	0.85	0.84	0.83	0.93	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
New Construction	n/a	0.57	0.62	0.90	n/a	0.49	0.54	0.54	n/a	0.68	0.61	0.86	n/a	0.49	0.54	0.54
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0.97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Monitoring & Targeting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Energy Manager	n/a	n/a	0.90	0.91	n/a	n/a	0.90	1.90	n/a	n/a	0.90	0.96	n/a	n/a	0.90	0.90
Retrofit																
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	n/a	1.07	1.07	0.88	n/a	1.00	1.00	1.00	n/a	1.00	0.90	0.76	n/a	1.00	1.00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program	0.79	n/a	n/a	n/a	0.53	n/a	n/a	n/a	0.78	n/a	n/a	n/a	0.53	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00	0.50	0.50	0.50	0.50
Toronto Comprehensive	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other																
Program Enabled Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Summary Achievement Against CDM Targets

Results are recognized using current IESO reporting policies. Energy efficiency resources persist for the duration of the effective useful life. Any upcoming code changes are taken into account. Demand response resources persist for 1 year (Scenario 1). Please see methodology tab for more detailed information.

Table 4: Net Peak Demand Savings at the End User Level (MW) (Scenario 1)

Implementation Period	Annual			
	2011	2012	2013	2014
2011 - Verified	12.7	8.9	8.9	8.3
2012 - Verified†	-0.2	16.6	8.5	8.4
2013 - Verified†	0.0	0.5	22.5	8.8
2014 - Verified†	0.0	0.6	1.6	34.7
Verified Net Annual Peak Demand Savings Persisting in 2014:				**60.1**
Hydro Ottawa Limited 2014 Annual CDM Capacity Target:				**85.3**
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				**70.5%**

Table 5: Net Energy Savings at the End User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011 - Verified	35.8	35.8	35.7	34.0	141.4
2012 - Verified†	0.2	35.1	34.9	34.4	104.6
2013 - Verified†	0.0	2.4	42.6	41.4	86.4
2014 - Verified†	0.0	3.0	7.47	72.0	82.5
Verified Net Cumulative Energy Savings 2011-2014:					**414.9**
Hydro Ottawa Limited 2011-2014 Annual CDM Energy Target:					**374.7**
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					**110.7%**

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 6: Province-Wide Initiatives and Program Level Net Savings by Year (Scenario 1)

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR) 2014 Net Annual Peak Demand Savings (kW)	2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	56,110	34,146	20,952	22,563	3,299	2,011	1,433	1,617	23,005,812	13,424,518	8,713,107	9,497,343	8,221	159,100,415
Appliance Exchange	Appliances	3,688	3,836	5,337	5,685	371	556	1,106	1,178	450,187	974,621	1,971,701	2,100,266	2,973	10,556,192
HVAC Incentives	Equipment	92,748	87,540	96,286	113,002	32,037	19,060	19,552	23,106	59,437,670	32,841,283	33,923,592	42,888,217	93,755	447,009,930
Conservation Instant Coupon Booklet	Items	567,678	30,891	347,946	1,208,108	1,344	230	517	2,440	21,211,537	1,398,202	7,707,573	32,802,537	4,531	137,258,436
Bi-Annual Retailer Event	Items	952,149	1,060,901	944,772	4,824,751	1,681	1,480	1,184	8,043	29,387,468	26,781,674	17,179,841	122,902,769	12,389	355,157,348
Retailer Co-op	Items	152	0	0	0	0	0	0	0	2,652	0	0	0	0	10,607
Residential Demand Response	Devices	19,550	98,388	171,733	241,381	10,947	49,038	93,076	117,513	24,870	359,408	390,303	8,379	117,513	782,960
Residential Demand Response (IHD)	Devices	0	49,689	133,657	188,577	0	0	0	0	0	0	0	0	0	0
Residential New Construction	Homes	27	21	279	2,367	0	2	18	369	743	17,152	163,690	2,330,865	390	2,712,676
Consumer Program Total						**49,681**	**72,377**	**116,886**	**154,267**	**133,520,941**	**75,796,859**	**70,049,807**	**212,530,376**	**239,772**	**1,112,588,565**
Business Program															
Retrofit	Projects	2,828	6,481	9,746	10,925	24,467	61,147	59,678	70,662	136,002,258	314,922,468	345,346,008	462,903,521	213,493	2,631,401,223
Direct Install Lighting	Projects	20,741	18,691	17,833	23,784	23,724	15,284	18,708	23,419	61,076,701	57,345,798	64,315,558	84,503,302	73,304	604,196,658
Building Commissioning	Buildings	0	0	0	5	0	0	0	988	0	0	0	1,513,377	988	1,513,377
New Construction	Buildings	25	98	158	226	123	764	1,584	6,432	411,717	1,814,721	4,959,266	20,381,204	8,904	37,390,767
Energy Audit	Audits	222	357	589	473	0	1,450	2,811	6,323	0	7,049,351	15,455,795	30,874,399	10,583	82,934,042
Small Commercial Demand Response	Devices	132	294	1,211	3,652	84	187	773	2,116	157	1,068	373	319	2,116	1,916
Small Commercial Demand Response (IHD)	Devices	0	0	378	820	0	0	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	145	151	175	180	16,218	19,389	23,706	23,380	633,421	281,823	346,659	0	23,380	1,261,903
Business Program Total						**64,617**	**98,221**	**107,261**	**133,319**	**198,124,253**	**381,415,230**	**430,423,659**	**600,176,121**	**332,769**	**3,358,699,887**
Industrial Program															
Process & System Upgrades	Projects	0	0	5	10	0	0	294	9,692	0	0	2,603,764	72,053,255	9,986	77,260,782
Monitoring & Targeting	Projects	0	1	3	5	0	0	0	102	0	0	0	502,517	102	502,517
Energy Manager	Projects	1	132	306	379	0	1,086	3,558	5,191	0	7,372,108	21,994,263	40,436,427	8,384	95,324,998
Retrofit	Projects	433	0	0	0	4,615	0	0	0	28,866,840	0	0	0	4,613	115,462,282
Demand Response 3	Facilities	124	185	281	336	52,484	74,056	162,543	166,082	3,080,737	1,784,712	4,309,160	0	166,082	9,174,609
Industrial Program Total						**57,098**	**75,141**	**166,395**	**181,066**	**31,947,577**	**9,156,820**	**28,907,187**	**112,992,199**	**189,168**	**297,725,188**
Home Assistance Program															
Home Assistance Program	Homes	46	5,920	29,654	25,424	2	566	2,361	2,466	39,283	5,442,232	20,987,275	19,582,658	5,370	77,532,571
Home Assistance Program Total						**2**	**566**	**2,361**	**2,466**	**39,283**	**5,442,232**	**20,987,275**	**19,582,658**	**5,370**	**77,532,571**
Aboriginal Program															
Home Assistance Program	Homes	0	0	717	1,125	0	0	267	549	0	0	1,609,393	3,101,207	816	6,319,993
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aboriginal Program Total						**0**	**0**	**267**	**549**	**0**	**0**	**1,609,393**	**3,101,207**	**816**	**6,319,993**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	2,028	0	0	0	21,662	0	0	0	121,138,219	0	0	0	21,662	484,552,876
High Performance New Construction	Projects	182	73	19	3	5,098	3,251	772	134	26,185,591	11,901,944	3,522,240	688,738	9,255	148,181,415
Toronto Comprehensive	Projects	577	15	4	5	15,805	0	0	281	86,964,886	0	0	2,479,840	16,086	350,339,385
Multifamily Energy Efficiency Rebates	Projects	110	0	0	0	1,981	0	0	0	7,595,683	0	0	0	1,981	30,382,733
LDC Custom Programs	Projects	8	0	0	0	399	0	0	0	1,367,170	0	0	0	399	5,468,679
Pre-2011 Programs completed in 2011 Total						**44,945**	**3,251**	**772**	**415**	**243,251,550**	**11,901,944**	**3,522,240**	**3,168,578**	**49,382**	**1,018,925,088**
Other															
Program Enabled Savings	Projects	33	71	46	43	0	2,304	3,692	5,500	0	1,188,362	4,075,382	19,035,337	11,496	30,751,187
Time-of-Use Savings	Homes	0	0	0	n/a	0	0	0	54,795	0	0	0	0	54,795	0
LDC Pilots	Projects	0	0	0	1,174	0	0	0	1,170	0	0	0	5,061,522	1,170	5,061,522
Other Total						**0**	**2,304**	**3,692**	**61,466**	**0**	**1,188,362**	**4,075,382**	**24,096,859**	**67,462**	**35,812,709**
Adjustments to 2011 Verified Results							**1,406**	**641**	**1,418**		**18,689,081**	**1,736,381**	**7,319,857**	**3,215**	**110,143,550**
Adjustments to 2012 Verified Results								**6,260**	**9,221**			**41,947,840**	**37,080,215**	**15,401**	**238,780,637**
Adjustments to 2013 Verified Results									**24,391**				**150,785,808**	**24,391**	**296,465,211**
Energy Efficiency Total						**136,610**	**109,191**	**117,536**	**224,457**	**603,144,419**	**482,474,435**	**554,528,447**	**975,639,300**	**575,647**	**5,896,382,612**
Demand Response Total (Scenario 1)						**79,733**	**142,670**	**280,099**	**309,091**	**3,739,185**	**2,427,011**	**5,046,495**	**8,698**	**309,091**	**11,221,389**
Adjustments to Previous Years' Verified Results Total						**0**	**1,406**	**6,901**	**35,030**	**0**	**18,689,081**	**43,684,221**	**195,185,880**	**43,006**	**645,389,397**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)						**216,343**	**253,267**	**404,536**	**568,578**	**606,883,604**	**503,590,526**	**603,259,163**	**1,170,833,878**	**927,745**	**6,552,993,397**
													Full OEB Target:	**1,330,000**	**6,000,000,000**
													% of Full OEB Target Achieved to Date (Scenario 1):	**70%**	**109%**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Table 7: Adjustments to Province-Wide Net Verified Results due to Variances

Initiative	Unit	Incremental Activity (new program activity occurring within the specified reporting period)				Net Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Net Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)				Program-to-Date Verified Progress to Target (excludes DR): 2014 Net Annual Peak Demand Savings (kW)	Program-to-Date Verified Progress to Target (excludes DR): 2011-2014 Net Cumulative Energy Savings (kWh)
		2011*	2012*	2013*	2014	2011	2012	2013	2014	2011	2012	2013	2014	2014	2014
Consumer Program															
Appliance Retirement	Appliances	0	0	0		0	0	0		0	0	0		0	0
Appliance Exchange	Appliances	0	0	0		0	0	0		0	0	0		0	0
HVAC Incentives	Equipment	-18,839	2,319	4,705		-5,270	479	1,037		-9,707,002	955,512	1,838,408		-3,754	-32,284,656
Conservation Instant Coupon Booklet	Items	8,216	0	1,050		16	0	2		275,655	0	23,571		18	1,149,763
Bi-Annual Retailer Event	Items	81,817	0	0		108	0	0		2,183,391	0	0		108	8,733,563
Retailer Co-op	Items	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Residential New Construction	Homes	20	2	193		1	1	72		14,667	985	441,938		74	945,497
Consumer Program Total						**-5,145**	**480**	**1,111**		**-7,233,290**	**956,497**	**2,303,917**		**-3,555**	**-21,664,975**
Business Program															
Retrofit	Projects	312	876	961		3,208	7,233	11,961		16,266,129	42,498,052	78,146,280		22,056	347,545,386
Direct Install Lighting	Projects	444	197	51		501	204	46		1,250,388	736,541	164,667		620	7,158,143
Building Commissioning	Buildings	0	0	0		0	0	0		0	0	0		0	0
New Construction	Buildings	15	29	72		850	1,304	2,241		3,604,553	4,825,774	8,636,179		4,401	46,187,216
Energy Audit	Audits	119	77	270		604	439	2,383		2,945,189	2,145,367	13,100,635		3,426	44,418,129
Small Commercial Demand Response	Devices	0	0	0		0	0	0		0	0	0		0	0
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Business Program Total						**5,162**	**9,181**	**16,631**		**24,066,259**	**50,205,734**	**100,047,761**		**30,503**	**385,148,444**
Industrial Program															
Process & System Upgrades	Projects	0	0	2		0	0	324		0	0	968,659		324	1,937,318
Monitoring & Targeting	Projects	0	1	3		0	0	54		0	528,000	639,348		54	2,862,696
Energy Manager	Projects	1	93	101		27	1,067	2,395		241,515	8,266,841	25,814,853		4,345	81,853,489
Retrofit	Projects	0	0	0		0	0	0		0	0	0		0	0
Demand Response 3	Facilities	0	0	0		0	0	0		0	0	0		0	0
Industrial Program Total						**27**	**1,067**	**2,774**		**241,515**	**8,794,841**	**27,422,860**		**4,723**	**61,215,516**
Home Assistance Program															
Home Assistance Program	Homes	0	887	2,898		0	222	791		0	1,316,749	4,321,794		1,009	12,515,300
Home Assistance Program Total						**0**	**222**	**791**		**0**	**1,316,749**	**4,321,794**		**1,009**	**8,581,177**
Aboriginal Program															
Home Assistance Program	Homes	0	0	133		0	0	134		0	0	563,715		134	1,127,430
Direct Install Lighting	Projects	0	0	0		0	0	0		0	0	0		0	0
Aboriginal Program Total						**0**	**0**	**134**		**0**	**0**	**563,715**		**134**	**1,127,430**
Pre-2011 Programs completed in 2011															
Electricity Retrofit Incentive Program	Projects	12	0	0		138	0	0		545,536	0	0		138	2,182,145
High Performance New Construction	Projects	37	4	15		1,507	363	-184		2,398,941	2,832,533	-993,596		1,686	16,106,171
Toronto Comprehensive	Projects	0	15	4		0	672	185		0	4,523,517	1,324,388		857	16,219,327
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0		0	0	0		0	0
LDC Custom Programs	Projects	0	0	0		0	0	0		0	0	0		0	0
Pre-2011 Programs completed in 2011 Total						**1,645**	**1,035**	**2**		**2,944,477**	**7,356,050**	**330,792**		**2,682**	**11,104,528**
Other															
Program Enabled Savings	Projects	33	55	33		1,776	3,712	2,020		7,727,573	11,481,687	10,688,564		7,509	86,732,481
Time-of-Use Savings	Homes	0	0	0		0	0	0		0	0	0		0	0
LDC Pilots	Projects	0	0	0		0	0	0		0	0	0		0	0
Other Total						**1,776**	**3,712**	**2,020**		**7,727,573**	**11,481,687**	**10,688,564**		**7,509**	**86,732,481**
Adjustments to 2011 Verified Results						**3,465**				**27,746,535**				**3,215**	**110,143,550**
Adjustments to 2012 Verified Results							**15,697**				**80,111,558**			**15,401**	**238,780,637**
Adjustments to 2013 Verified Results								**23,463**				**145,679,403**		**24,391**	**296,465,211**
Adjustments to Previous Years' Verified Results Total						**3,465**	**15,697**	**23,463**		**27,746,535**	**80,111,558**	**145,679,403**		**43,006**	**645,389,397**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Adjustments to previous years' results shown in this table will not align to adjustments shown in Table 1 as the information presented above is presented in the implementation year. Adjustements in Table 1 reflect persisted savings in the year in which that adjustment is verified.

Table 8: Province-Wide Realization Rate & NTG

Initiative	Peak Demand Savings								Energy Savings							
	Realization Rate				Net-to-Gross Ratio				Realization Rate				Net-to-Gross Ratio			
	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program																
Appliance Retirement	1.00	1.00	1.00	1.00	0.51	0.46	0.42	0.45	1.00	1.00	1.00	1.00	0.46	0.47	0.44	0.47
Appliance Exchange	1.00	1.00	1.00	1.00	0.51	0.52	0.53	0.53	1.00	1.00	1.00	1.00	0.52	0.52	0.53	0.53
HVAC Incentives	1.00	1.00	1.00	1.00	0.60	0.50	0.48	0.48	1.00	1.00	1.00	1.00	0.50	0.49	0.48	0.48
Conservation Instant Coupon Booklet	1.00	1.00	1.00	1.00	1.14	1.00	1.11	1.69	1.00	1.00	1.00	1.00	1.00	1.05	1.13	1.73
Bi-Annual Retailer Event	1.00	1.00	1.00	1.00	1.12	0.91	1.04	1.74	1.00	1.00	1.00	1.00	0.91	0.92	1.04	1.75
Retailer Co-op	1.00	n/a	n/a	n/a	0.68	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Residential New Construction	1.00	3.65	0.78	1.03	0.41	0.49	0.63	0.63	3.65	7.17	3.09	0.62	0.49	0.49	0.63	0.63
Business Program																
Retrofit	1.06	0.93	0.92	0.84	0.72	0.75	0.73	0.71	0.93	1.05	1.01	0.98	0.75	0.76	0.73	0.72
Direct Install Lighting	1.08	0.69	0.82	0.78	1.08	0.94	0.94	0.94	0.69	0.85	0.84	0.83	0.94	0.94	0.94	0.94
Building Commissioning	n/a	n/a	n/a	1.97	n/a	n/a	n/a	1.00	n/a	n/a	n/a	1.16	n/a	n/a	n/a	1.00
New Construction	0.50	0.98	0.68	0.71	0.50	0.49	0.54	0.54	0.98	0.99	0.76	0.79	0.49	0.49	0.54	0.54
Energy Audit	n/a	n/a	1.02	0.96	n/a	n/a	0.66	0.68	n/a	n/a	0.97	1.00	n/a	n/a	0.66	0.67
Small Commercial Demand Response	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Small Commercial Demand Response (IHD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Demand Response 3	0.76	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Industrial Program																
Process & System Upgrades	n/a	n/a	0.85	0.96	n/a	n/a	0.94	0.79	n/a	n/a	0.87	0.96	n/a	n/a	0.93	0.80
Monitoring & Targeting	n/a	n/a	n/a	0.59	n/a	n/a	n/a	1.00	n/a	n/a	n/a	0.36	n/a	n/a	n/a	1.00
Energy Manager	n/a	1.16	0.90	0.91	n/a	0.90	0.90	0.90	1.16	1.16	0.90	0.96	0.90	0.90	0.90	0.85
Retrofit	1.11	n/a	n/a	n/a	0.72	n/a	n/a	n/a	0.91	n/a	n/a	n/a	0.75	n/a	n/a	n/a
Demand Response 3	0.84	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Home Assistance Program																
Home Assistance Program	1.00	0.32	0.26	0.49	0.70	1.00	1.00	1.00	0.32	0.99	0.88	0.78	1.00	1.00	1.00	1.00
Aboriginal Program																
Home Assistance Program	n/a	n/a	0.05	0.15	n/a	n/a	1.00	1.00	n/a	n/a	0.95	0.97	n/a	n/a	1.00	1.00
Direct Install Lighting	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pre-2011 Programs completed in 2011																
Electricity Retrofit Incentive Program	0.80	n/a	n/a	n/a	0.54	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
High Performance New Construction	1.00	1.00	1.00	n/a	0.49	0.50	0.50	0.50	1.00	1.00	1.00	n/a	0.50	0.50	0.50	0.50
Toronto Comprehensive	1.13	n/a	n/a	n/a	0.50	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Multifamily Energy Efficiency Rebates	0.93	n/a	n/a	n/a	0.78	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Custom Programs	1.00	n/a	n/a	n/a	1.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Other																
Program Enabled Savings	n/a	1.06	1.00	0.86	n/a	1.00	1.00	1.00	n/a	2.26	1.00	0.98	n/a	1.00	1.00	1.00
Time-of-Use Savings	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
LDC Pilots	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Summary Provincial Progress Towards CDM Targets

Table 9: Province-Wide Net Peak Demand Savings at the End User Level (MW)

Implementation Period	Annual			
	2011	2012	2013	2014
2011	216.3	136.6	135.8	129.0
2012†	1.4	253.3	109.8	108.2
2013†	0.6	7.0	404.5	122.0
2014†	1.4	10.8	34.2	568.6
Verified Net Annual Peak Demand Savings in 2014:				**927.7**
2014 Annual CDM Capacity Target:				**1,330**
Verified Portion of Peak Demand Savings Target Achieved in 2014 (%):				**69.8%**

Table 10: Province-Wide Net Energy Savings at the End-User Level (GWh)

Implementation Period	Annual				Cumulative
	2011	2012	2013	2014	2011-2014
2011	606.9	603.0	601.0	582.3	2,393.1
2012†	18.7	503.6	498.4	492.6	1,513.3
2013†	1.7	44.4	603.3	583.4	1,232.8
2014†	7.3	44.8	191.0	1,170.8	1,413.9
Verified Net Cumulative Energy Savings 2011-2014:					**6,553.0**
2011-2014 Cumulative CDM Energy Target:					**6,000**
Verified Portion of Cumulative Energy Target Achieved in 2014 (%):					**109.2%**

†Includes adjustments to previous years' verified results

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

METHODOLOGY

All results are at the end-user level (not including transmission and distribution losses)

EQUATIONS	
Prescriptive Measures and Projects	**Gross Savings = Activity * Per Unit Assumption** **Net Savings = Gross Savings * Net-to-Gross Ratio** **All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)**
Engineered and Custom Projects	**Gross Savings = Reported Savings * Realization Rate** **Net Savings = Gross Savings * Net-to-Gross Ratio** **All savings are annualized (i.e. the savings are the same regardless of time of year a project was completed or measure installed)**
Demand Response	**Peak Demand: Gross Savings = Net Savings = contracted MW at contributor level * Provincial contracted to ex ante ratio** **Energy: Gross Savings = Net Savings = provincial ex post energy savings * LDC proportion of total provincial contracted MW** **All savings are annualized (i.e. the savings are the same regardless of the time of year a participant began offering DR)**
Adjustments to Previous Years' Verified Results	All variances from the Final Annual Results Reports from prior years will be adjusted within this report. Any variances with regards to projects counts, data lag, and calculations etc., will be made within this report. Considers the cumulative effect of energy savings.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Consumer Program			
Appliance Retirement	Includes both retail and home pickup stream. Retail stream allocated based on average of 2008 & 2009 residential throughput; Home pickup stream directly attributed by postal code or customer selection.	Savings are considered to begin in the year the appliance is picked up.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Appliance Exchange	When postal code information is provided by customer, results are directly attributed to the LDC. When postal code is not available, results allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year that the exchange event occurred.	
HVAC Incentives	Results directly attributed to LDC based on customer postal code.	Savings are considered to begin in the year that the installation occurred.	

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Conservation Instant Coupon Booklet	LDC-coded coupons directly attributed to LDC. Otherwise results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the coupon was redeemed.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Bi-Annual Retailer Event	Results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year in which the event occurs.	
Retailer Co-op	When postal code information is provided by the customer, results are directly attributed. If postal code information is not available, results are allocated based on average of 2008 & 2009 residential throughput.	Savings are considered to begin in the year of the home visit and installation date.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Residential Demand Response	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists.	Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement.	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year and accounts for any “snapback” in energy consumption experienced after the event. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Residential New Construction	Results are directly attributed to LDC based on LDC identified in application in the iCon system. Initiative was not evaluated in 2011, reported results are presented with forecast assumptions as per the business case.	Savings are considered to begin in the year of the project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumption multiplied by the uptake in the market (gross) taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Business Program			
Efficiency: Equipment Replacement	Results are directly attributed to LDC based on LDC identified at the facility level in the iCon system. Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see page for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date in the iCON system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
	Additional Note: project counts were derived by filtering out invalid statuses (e.g. Post-Project Submission - Payment denied by LDC) and only including projects with an "Actual Project Completion Date" in 2014)		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Direct Installed Lighting	Results are directly attributed to LDC based on the LDC specified on the work order.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined using the verified measure level per unit assumptions multiplied by the uptake of each measure accounting for the realization rate for both peak demand and energy to reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings take into account net-to-gross factors such as free-ridership and spillover for both peak demand and energy savings at the program level (net).
Existing Building Commissioning Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	Peak demand and energy savings are determined by the total savings for a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
New Construction and Major Renovation Incentive	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the actual project completion date.	
Energy Audit	Projects are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year of the audit date.	Peak demand and energy savings are determined by the total savings resulting from an audit as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Commercial Demand Response (part of the Residential program schedule)	Results are directly attributed to LDC based on data provided to IESO through project completion reports and continuing participant lists	Savings are considered to begin in the year the device was installed and/or when a customer signed a peaksaver PLUS™ participant agreement.	Peak demand savings are based on an ex ante estimate assuming a 1 in 10 weather year and represents the "insurance value" of the initiative. Energy savings are based on an ex post estimate which reflects the savings that occurred as a result of activations in the year. Savings are assumed to persist for only 1 year, reflecting that savings will only occur if the resource is activated.
Demand Response 3 (part of the Industrial program schedule)	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.
Industrial Program			
Process & System Upgrades	Results are directly attributed to LDC based on LDC identified in application.	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Monitoring & Targeting	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the incentive project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).
Energy Manager	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the project was completed by the energy manager. If no date is specified the savings will begin the year of the Quarterly Report submitted by the energy manager.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net).

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Efficiency: Equipment Replacement Incentive (part of the C&I program schedule)	Results are directly attributed to LDC based on LDC identified at the facility level in the saveONenergy CRM; Projects in the Application Status: "Post-Stage Submission" are included (excluding "Payment denied by LDC"); Please see "Reference Tables" tab for Building type to Sector mapping.	Savings are considered to begin in the year of the actual project completion date on the iCON CRM system.	Peak demand and energy savings are determined by the total savings for a given project as reported in the iCON CRM system (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). Both realization rate and net-to-gross ratios can differ for energy and demand savings and depend on the mix of projects within an LDC territory (i.e. lighting or non-lighting project, engineered/custom/prescriptive track).
Demand Response 3	Results are attributed to LDCs based on the total contracted megawatts at the contributor level as of December 31st, applying the provincial ex ante to contracted ratio (ex ante estimate/contracted megawatts); Ex post energy savings are attributed to the LDC based on their proportion of the total contracted megawatts at the contributor level.	Savings are considered to begin in the year in which the contributor signed up to participate in demand response.	Peak demand savings are ex ante estimates based on the load reduction capability that can be expected for the purposes of planning. The ex ante estimates factor in both scheduled non-performances (i.e. maintenance) and historical performance. Energy savings are based on an ex post estimate which reflects the savings that actually occurred as a results of activations in the year. Savings are assumed to persist for 1 year, reflecting that savings will not occur if the resource is not activated and additional costs are incurred to activate the resource.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Home Assistance Program			
Home Assistance Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.
Aboriginal Program			
Aboriginal Program	Results are directly attributed to LDC based on LDC identified in the application.	Savings are considered to begin in the year in which the measures were installed.	Peak demand and energy savings are determined using the measure level per unit assumption multiplied by the uptake of each measure (gross), taking into account net-to-gross factors such as free-ridership and spillover (net) at the measure level.

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Pre-2011 Programs completed in 2011			
Electricity Retrofit Incentive Program	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014 assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported. A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
High Performance New Construction	Results are directly attributed to LDC based on customer data provided to the OPA from Enbridge; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	
Toronto Comprehensive	Program run exclusively in Toronto Hydro-Electric System Limited service territory; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.		

Initiative	Attributing Savings to LDCs	Savings 'start' Date	Calculating Resource Savings
Multifamily Energy Efficiency Rebates	Results are directly attributed to LDC based on LDC identified in the application; Initiative was not evaluated in 2011, 2012, 2013 or 2014, assumptions as per 2010 evaluation.	Savings are considered to begin in the year in which a project was completed.	Peak demand and energy savings are determined by the total savings from a given project as reported (reported). A realization rate is applied to the reported savings to ensure that these savings align with EM&V protocols and reflect the savings that were actually realized (i.e. how many light bulbs were actually installed vs. what was reported) (gross). Net savings takes into account net-to-gross factors such as free-ridership and spillover (net). If energy savings are not available, an estimate is made based on the kWh to kW ratio in the provincial results from the 2010 evaluated results (http://www.powerauthority.on.ca/evaluation-measurement-and-verification/evaluation-reports).
Data Centre Incentive Program	Program run exclusively in PowerStream Inc. service territory; Initiative was not evaluated in 2011, assumptions as per 2009 evaluation.		
EnWin Green Suites	Program run exclusively in ENWIN Utilities Ltd. service territory; Initiative was not evaluated in 2011 or 2012, assumptions as per 2010 evaluation.		

Consumer Program Allocation Methodology

Results can be allocated based on average of 2008 & 2009 residential throughput for each LDC (below) when additional information is not available. Source: OEB Yearbook Data 2008 & 2009

Local Distribution Company	Allocation
Algoma Power Inc.	0.2%
Atikokan Hydro Inc.	0.0%
Attawapiskat Power Corporation	0.0%
Bluewater Power Distribution Corporation	0.6%
Brant County Power Inc.	0.2%
Brantford Power Inc.	0.7%
Burlington Hydro Inc.	1.4%
Cambridge and North Dumfries Hydro Inc.	1.0%
Canadian Niagara Power Inc.	0.5%
Centre Wellington Hydro Ltd.	0.1%
Chapleau Public Utilities Corporation	0.0%
COLLUS Power Corporation	0.3%
Cooperative Hydro Embrun Inc.	0.0%
E.L.K. Energy Inc.	0.2%
Enersource Hydro Mississauga Inc.	3.9%
ENTEGRUS	0.6%
ENWIN Utilities Ltd.	1.6%
Erie Thames Powerlines Corporation	0.4%
Espanola Regional Hydro Distribution Corporation	0.1%
Essex Powerlines Corporation	0.7%
Festival Hydro Inc.	0.3%
Fort Albany Power Corporation	0.0%
Fort Frances Power Corporation	0.1%
Greater Sudbury Hydro Inc.	1.0%
Grimsby Power Inc.	0.2%
Guelph Hydro Electric Systems Inc.	0.9%
Haldimand County Hydro Inc.	0.4%
Halton Hills Hydro Inc.	0.5%
Hearst Power Distribution Company Limited	0.1%
Horizon Utilities Corporation	4.0%
Hydro 2000 Inc.	0.0%
Hydro Hawkesbury Inc.	0.1%
Hydro One Brampton Networks Inc.	2.8%
Hydro One Networks Inc.	30.0%
Hydro Ottawa Limited	5.6%
Innisfil Hydro Distribution Systems Limited	0.4%
Kashechewan Power Corporation	0.0%
Kenora Hydro Electric Corporation Ltd.	0.1%
Kingston Hydro Corporation	0.5%
Kitchener-Wilmot Hydro Inc.	1.6%
Lakefront Utilities Inc.	0.2%

Lakeland Power Distribution Ltd.	0.2%
London Hydro Inc.	2.7%
Middlesex Power Distribution Corporation	0.1%
Midland Power Utility Corporation	0.1%
Milton Hydro Distribution Inc.	0.6%
Newmarket - Tay Power Distribution Ltd.	0.7%
Niagara Peninsula Energy Inc.	1.0%
Niagara-on-the-Lake Hydro Inc.	0.2%
Norfolk Power Distribution Inc.	0.3%
North Bay Hydro Distribution Limited	0.5%
Northern Ontario Wires Inc.	0.1%
Oakville Hydro Electricity Distribution Inc.	1.5%
Orangeville Hydro Limited	0.2%
Orillia Power Distribution Corporation	0.3%
Oshawa PUC Networks Inc.	1.2%
Ottawa River Power Corporation	0.2%
Parry Sound Power Corporation	0.1%
Peterborough Distribution Incorporated	0.7%
PowerStream Inc.	6.6%
PUC Distribution Inc.	0.9%
Renfrew Hydro Inc.	0.1%
Rideau St. Lawrence Distribution Inc.	0.1%
Sioux Lookout Hydro Inc.	0.1%
St. Thomas Energy Inc.	0.3%
Thunder Bay Hydro Electricity Distribution Inc.	0.9%
Tillsonburg Hydro Inc.	0.1%
Toronto Hydro-Electric System Limited	12.8%
Veridian Connections Inc.	2.4%
Wasaga Distribution Inc.	0.2%
Waterloo North Hydro Inc.	1.0%
Welland Hydro-Electric System Corp.	0.4%
Wellington North Power Inc.	0.1%
West Coast Huron Energy Inc.	0.1%
Westario Power Inc.	0.5%
Whitby Hydro Electric Corporation	0.9%
Woodstock Hydro Services Inc.	0.3%

Reporting Glossary

Annual: the peak demand or energy savings that occur in a given year (includes resource savings from new program activity and resource savings persisting from previous years).

Cumulative Energy Savings: represents the sum of the annual energy savings that accrue over a defined period (in the context of this report the defined period is 2011 - 2014). This concept does not apply to peak demand savings.

End-User Level: resource savings in this report are measured at the customer level as opposed to the generator level (the difference being line losses).

Free-ridership: the percentage of participants who would have implemented the program measure or practice in the absence of the program.

Incremental: the new resource savings attributable to activity procured in a particular reporting period based on when the savings are considered to 'start'.

Initiative: a Conservation & Demand Management offering focusing on a particular opportunity or customer end-use (i.e. Retrofit, Fridge & Freezer Pickup).

Net-to-Gross Ratio: The ratio of net savings to gross savings, which takes into account factors such as free-ridership and spillover

Net Energy Savings (MWh): energy savings attributable to conservation and demand management activities net of free-riders, etc.

Net Peak Demand Savings (MW): peak demand savings attributable to conservation and demand management activities net of free-riders, etc.

Program: a group of initiatives that target a particular market sector (e.g. Consumer, Industrial).

Realization Rate: A comparison of observed or measured (evaluated) information to original reported savings which is used to adjust the gross savings estimates.

Settlement Account: the grouping of demand response facilities (contributors) into one contractual agreement

Spillover: Reductions in energy consumption and/or demand caused by the presence of the energy efficiency program, beyond the program-related gross savings of the participants. There can be participant and/or non-participant spillover.

Unit: for a specific initiative the relevant type of activity acquired in the market place (i.e. appliances picked up, projects completed, coupons redeemed).

Table 11: Hydro Ottawa Limited Initiative and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	484	146	224	236	3,383,778	1,040,845	1,449,558	1,521,029
Appliance Exchange**	Appliances	36	25	75	115	44,231	43,987	134,065	204,257
HVAC Incentives	Equipment	4,807	3,258	3,015	3,386	9,163,550	5,804,920	5,403,040	6,336,130
Conservation Instant Coupon Booklet	Items	61	13	26	81	1,000,717	74,189	382,850	1,081,272
Bi-Annual Retailer Event	Items	84	91	64	259	1,505,117	1,635,087	919,955	3,931,007
Retailer Co-op	Items	0	0	0	0	0	0	0	0
Residential Demand Response	Devices	3,193	7,249	11,608	15,892	8,266	55,891	48,406	0
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	0	2	94	0	0	26,267	729,457
Consumer Program Total		**8,664**	**10,783**	**15,014**	**20,062**	**15,105,660**	**8,654,920**	**8,364,142**	**13,803,151**
Business Program									
Retrofit	Projects	3,878	6,654	6,747	7,792	19,754,306	28,161,679	36,547,733	48,439,560
Direct Install Lighting	Projects	1,323	1,131	1,071	2,403	4,168,756	4,044,402	3,873,274	9,140,032
Building Commissioning	Buildings	0	0	0	0	0	0	0	0
New Construction	Buildings	0	48	231	1,737	0	48,345	216,862	5,425,988
Energy Audit	Audits	0	124	645	436	0	604,230	3,518,913	2,140,117
Small Commercial Demand Response	Devices	4	21	138	361	16	120	46	0
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	597	644	1,520	1,256	23,305	9,354	24,274	0
Business Program Total		**5,802**	**8,622**	**10,352**	**13,984**	**23,946,384**	**32,868,130**	**44,181,101**	**65,145,697**
Industrial Program									
Process & System Upgrades	Projects	0	0	0	0	0	0	0	0
Monitoring & Targeting	Projects	0	0	0	0	0	0	0	0
Energy Manager	Projects	0	0	121	368	0	0	907,763	2,727,113
Retrofit	Projects	119	0	0	0	765,408	0	0	0
Demand Response 3	Facilities	0	42	189	189	0	1,010	4,299	0
Industrial Program Total		**119**	**42**	**309**	**557**	**765,408**	**1,010**	**912,062**	**2,727,113**
Home Assistance Program									
Home Assistance Program	Homes	0	25	32	30	0	319,849	384,041	388,673
Home Assistance Program Total		**0**	**25**	**32**	**30**	**0**	**319,849**	**384,041**	**388,673**
Aboriginal Program									
Home Assistance Program	Homes	0	0	0	0	0	0	0	0
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	1,774	0	0	0	9,327,285	0	0	0
High Performance New Construction	Projects	643	1,614	286	0	3,302,184	4,862,115	1,899,180	0
Toronto Comprehensive	Projects	0	0	0	0	0	0	0	0
Multifamily Energy Efficiency Rebates	Projects	0	0	0	0	0	0	0	0
LDC Custom Programs	Projects	0	0	0	0	0	0	0	0
Pre-2011 Programs completed in 2011 Total		**2,417**	**1,614**	**286**	**0**	**12,629,469**	**4,862,115**	**1,899,180**	**0**
Other									
Program Enabled Savings	Projects	0	0	0	0	0	0	0	0
Time-of-Use Savings	Homes	0	0	0	3,513	0	0	0	0
LDC Pilots	Projects	0	0	0	31	0	0	0	543,761
Other Total		**0**	**0**	**0**	**3,513**	**0**	**0**	**0**	**0**
Adjustments to 2011 Verified Results			**290**	**0**	**2**		**2,190,674**	**0**	**9,004**
Adjustments to 2012 Verified Results				**751**	**1,092**			**3,557,363**	**4,695,096**
Adjustments to 2013 Verified Results					**1,641**				**7,974,761**
Energy Efficiency Total		**13,208**	**13,130**	**12,538**	**20,479**	**52,415,333**	**46,639,648**	**55,663,501**	**82,608,396**
Demand Response Total		**3,794**	**7,956**	**13,455**	**17,698**	**31,588**	**66,376**	**77,026**	**0**
Adjustments to Previous Years' Verified Results Total		**0**	**290**	**751**	**2,735**	**0**	**2,190,674**	**3,557,363**	**12,678,861**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		**17,002**	**21,376**	**26,744**	**40,912**	**52,446,922**	**48,896,698**	**59,297,889**	**95,287,257**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

**Net results substituted for gross results due to unavailability of data

Table 12: Adjustments to Hydro Ottawa Limited Gross Verified Results due to Variances

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-865	125	166		-1,623,490	233,230	298,172	
Conservation Instant Coupon Booklet	Items	1	0	0		14,323	0	1,156	
Bi-Annual Retailer Event	Items	7	0	0		132,813	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	0	0	0		0	0	0	
Consumer Program Total		**-857**	**125**	**166**		**-1,476,354**	**233,230**	**299,328**	
Business Program									
Retrofit	Projects	244	601	850		1,341,295	4,831,743	5,266,930	
Direct Install Lighting	Projects	48	20	7		117,256	67,443	25,475	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	48	0	352		48,345	2,407,680	504,409	
Energy Audit	Audits	26	5	68		125,881	56,639	369,130	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		**366**	**626**	**1,277**		**1,632,777**	**7,363,506**	**6,165,944**	
Industrial Program									
Process & System Upgrades	Projects	0	0	0		0	0	0	
Monitoring & Targeting	Projects	0	0	0		0	0	0	
Energy Manager	Projects	0	0	149		0	624,005	940,992	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		**0**	**0**	**149**		**0**	**624,005**	**940,992**	
Home Assistance Program									
Home Assistance Program	Homes	0	0	19		0	32,012	258,001	
Home Assistance Program Total		**0**	**0**	**19**		**0**	**32,012**	**258,001**	
Aboriginal Program									
Home Assistance Program	Homes	0	0	0		0	0	0	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		**0**	**0**	**0**		**0**	**0**	**0**	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	52	0	0		302,638	0	0	
High Performance New Construction	Projects	730	0	0		1,731,613	0	0	
Toronto Comprehensive	Projects	0	0	0		0	0	0	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		**782**	**0**	**0**		**2,034,251**	**0**	**0**	
Other									
Program Enabled Savings	Projects	0	0	0		0	0	0	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		**0**	**0**	**0**		**0**	**0**	**0**	
Adjustments to 2011 Verified Results		**290**				**2,190,674**			
Adjustments to 2012 Verified Results			**751**				**8,252,752**		
Adjustments to 2013 Verified Results				**1,610**				**7,664,265**	
Total Adjustments to Previous Years' Verified Results		**290**	**751**	**1,610**		**2,190,674**	**8,252,752**	**7,664,265**	

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

Table 13: Province-Wide Initiatives and Program Level Gross Savings by Year

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement**	Appliances	6,750	2,011	3,151	3,579	45,971,627	13,424,518	18,616,239	20,315,770
Appliance Exchange**	Appliances	719	556	2,101	2,238	873,531	974,621	3,746,106	3,990,372
HVAC Incentives	Equipment	53,209	38,346	40,418	48,467	99,413,430	66,929,213	71,225,037	90,274,814
Conservation Instant Coupon Booklet	Items	1,184	231	464	1,442	19,192,453	1,325,898	6,842,244	19,000,254
Bi-Annual Retailer Event	Items	1,504	1,622	1,142	4,626	26,899,265	29,222,072	16,441,329	70,254,471
Retailer Co-op	Items	0	0	0	0	3,917	0	0	0
Residential Demand Response	Devices	10,390	49,038	93,076	117,513	23,597	359,408	390,303	8,379
Residential Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Residential New Construction	Homes	0	1	29	587	1,813	4,884	259,826	3,699,786
Consumer Program Total		**73,757**	**91,805**	**140,380**	**178,452**	**192,379,633**	**112,240,615**	**117,521,084**	**207,543,846**
Business Program									
Retrofit	Projects	34,201	78,965	82,896	98,849	184,070,265	387,817,248	478,410,896	642,515,421
Direct Install Lighting	Projects	22,155	20,469	19,807	24,794	65,777,197	68,896,046	68,140,249	89,528,509
Building Commissioning	Buildings	0	0	0	988	0	0	0	1,513,377
New Construction	Buildings	247	1,596	2,934	11,911	823,434	3,755,869	9,183,826	37,742,970
Energy Audit	Audits	0	1,450	4,283	9,367	0	7,049,351	23,386,108	46,012,517
Small Commercial Demand Response	Devices	55	187	773	2,116	131	1,068	373	319
Small Commercial Demand Response (IHD)	Devices	0	0	0	0	0	0	0	0
Demand Response 3	Facilities	21,390	19,389	23,706	23,380	633,421	281,823	346,659	0
Business Program Total		**78,048**	**122,056**	**134,399**	**171,405**	**251,304,448**	**467,801,406**	**579,468,111**	**817,313,113**
Industrial Program									
Process & System Upgrades	Projects	0	0	313	12,287	0	0	2,799,746	90,463,617
Monitoring & Targeting	Projects	0	0	0	102	0	0	0	502,517
Energy Manager	Projects	0	1,034	3,953	5,767	0	7,067,535	24,438,070	44,929,364
Retrofit	Projects	6,372	0	0	0	38,412,408	0	0	0
Demand Response 3	Facilities	176,180	74,056	162,543	166,082	4,243,958	1,784,712	4,309,160	0
Industrial Program Total		**182,552**	**75,090**	**166,809**	**184,238**	**42,656,366**	**8,852,247**	**31,546,976**	**135,895,498**
Home Assistance Program									
Home Assistance Program	Homes	4	1,777	2,361	2,466	56,119	5,524,230	20,987,275	19,582,658
Home Assistance Program Total		**4**	**1,777**	**2,361**	**2,466**	**56,119**	**5,524,230**	**20,987,275**	**19,582,658**
Aboriginal Program									
Home Assistance Program	Homes	0	0	267	549	0	0	1,609,393	3,101,207
Direct Install Lighting	Projects	0	0	0	0	0	0	0	0
Aboriginal Program Total		**0**	**0**	**267**	**549**	**0**	**0**	**1,609,393**	**3,101,207**
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	40,418	0	0	0	223,956,390	0	0	0
High Performance New Construction	Projects	10,197	6,501	772	268	52,371,183	23,803,888	3,522,240	1,377,475
Toronto Comprehensive	Projects	33,467	0	0	802	174,070,574	0	0	7,085,257
Multifamily Energy Efficiency Rebates	Projects	2,553	0	0	0	9,774,792	0	0	0
LDC Custom Programs	Projects	534	0	0	0	649,140	0	0	0
Pre-2011 Programs completed in 2011 Total		**87,169**	**6,501**	**772**	**1,070**	**460,822,079**	**23,803,888**	**3,522,240**	**8,462,733**
Other									
Program Enabled Savings	Projects	0	2,177	3,692	5,500	0	525,011	4,075,382	19,035,337
Time-of-Use Savings	Homes	0	0	0	54,795	0	0	0	0
LDC Pilots	Projects	0	0	0	1,170	0	0	0	5,061,522
Other Total		**0**	**2,177**	**3,692**	**60,296**	**0**	**525,011**	**4,075,382**	**19,035,337**
Adjustments to 2011 Verified Results			**13,266**	**645**	**1,601**		**48,705,294**	**20,581**	**6,028**
Adjustments to 2012 Verified Results				**8,632**	**13,449**			**54,301,893**	**59,098,939**
Adjustments to 2013 Verified Results					**34,727**				**206,413,158**
Energy Efficiency Total		**213,515**	**156,735**	**168,583**	**289,384**	**942,317,539**	**616,320,385**	**753,683,966**	**1,210,925,694**
Demand Response Total		**208,015**	**142,670**	**280,099**	**309,091**	**4,901,107**	**2,427,011**	**5,046,495**	**8,698**
Adjustments to Previous Years' Verified Results Total		**0**	**13,266**	**9,277**	**49,777**	**0**	**48,705,294**	**54,322,474**	**265,518,125**
OPA-Contracted LDC Portfolio Total (inc. Adjustments)		**421,530**	**312,671**	**457,958**	**648,252**	**947,218,646**	**667,452,690**	**813,052,934**	**1,476,452,516**

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results
**Net results substituted for gross results due to unavailability of data

Table 14: Adjustments to Province-Wide Gross Verified Results due to Variances

Initiative	Unit	Gross Incremental Peak Demand Savings (kW) (new peak demand savings from activity within the specified reporting period)				Gross Incremental Energy Savings (kWh) (new energy savings from activity within the specified reporting period)			
		2011	2012	2013	2014	2011	2012	2013	2014
Consumer Program									
Appliance Retirement	Appliances	0	0	0		0	0	0	
Appliance Exchange	Appliances	0	0	0		0	0	0	
HVAC Incentives	Equipment	-8,759	1,091	2,157		-16,241,086	1,952,473	3,873,449	
Conservation Instant Coupon Booklet	Items	15	0	1		255,975	0	20,668	
Bi-Annual Retailer Event	Items	117	0	0		2,373,616	0	0	
Retailer Co-op	Items	0	0	0		0	0	0	
Residential Demand Response	Devices	0	0	0		0	0	0	
Residential Demand Response (IHD)	Devices	0	0	0		0	0	0	
Residential New Construction	Homes	1	1	115		330,093	2,009	701,488	
Consumer Program Total		**-8,628**	**1,092**	**2,273**		**-13,281,402**	**1,954,483**	**4,595,605**	
Business Program									
Retrofit	Projects	4,511	10,114	16,584		22,046,931	58,528,789	108,677,566	
Direct Install Lighting	Projects	541	217	49		1,346,618	781,858	174,460	
Building Commissioning	Buildings	0	0	0		0	0	0	
New Construction	Buildings	3,287	2,673	4,151		11,323,593	9,884,305	15,992,924	
Energy Audit	Audits	656	488	3,631		2,391,744	2,386,374	19,822,524	
Small Commercial Demand Response	Devices	0	0	0		0	0	0	
Small Commercial Demand Response (IHD)	Devices	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Business Program Total		**8,996**	**13,491**	**24,414**		**37,108,886**	**71,581,326**	**144,667,473**	
Industrial Program									
Process & System Upgrades	Projects	0	0	426		0	0	1,232,785	
Monitoring & Targeting	Projects	0	0	54		0	528,000	639,348	
Energy Manager	Projects	29	1,071	2,687		0	8,968,007	28,893,596	
Retrofit	Projects	0	0	0		0	0	0	
Demand Response 3	Facilities	0	0	0		0	0	0	
Industrial Program Total		**29**	**1,071**	**3,168**		**0**	**9,496,007**	**30,765,729**	
Home Assistance Program									
Home Assistance Program	Homes	0	222	791		0	1,316,749	4,321,794	
Home Assistance Program Total		**0**	**222**	**791**		**0**	**1,316,749**	**4,321,794**	
Aboriginal Program									
Home Assistance Program	Homes	0	0	134		0	0	563,715	
Direct Install Lighting	Projects	0	0	0		0	0	0	
Aboriginal Program Total		**0**	**0**	**134**		**0**	**0**	**563,715**	
Pre-2011 Programs completed in 2011									
Electricity Retrofit Incentive Program	Projects	266	0	0		1,049,108	0	0	
High Performance New Construction	Projects	13,072	727	405		23,905,663	5,665,066	1,535,048	
Toronto Comprehensive	Projects	0	1,920	529		0	12,924,335	3,783,965	
Multifamily Energy Efficiency Rebates	Projects	0	0	0		0	0	0	
LDC Custom Programs	Projects	0	0	0		0	0	0	
Pre-2011 Programs completed in 2011 Total		**13,337**	**2,647**	**934**		**24,954,771**	**18,589,400**	**5,319,013**	
Other									
Program Enabled Savings	Projects	1,776	3,712	2,020		1,673,712	11,481,687	10,688,564	
Time-of-Use Savings	Homes	0	0	0		0	0	0	
LDC Pilots	Projects	0	0	0		0	0	0	
Other Total		**1,776**	**3,712**	**2,020**		**1,673,712**	**11,481,687**	**10,688,564**	
Adjustments to 2011 Verified Results		**15,511**				**50,455,967**			
Adjustments to 2012 Verified Results			**22,235**				**114,419,652**		
Adjustments to 2013 Verified Results				**33,734**				**200,921,892**	
Adjustments to Previous Years' Verified Results Total		**15,511**	**22,235**	**33,734**		**50,455,967**	**114,419,652**	**200,921,892**	

Activity and savings for Demand Response resources for each year represent the savings from all active facilities or devices contracted since January 1, 2011 (reported cumulatively).

*Includes adjustments after Final Reports were issued

Results presented using scenario 1 which assumes that demand response resources have a persistence of 1 year

Gross results are presented for informational purposes only and are not considered official 2014 Final Verified Results

Final 2015 Annual Verified Results Report

Letter from the Vice-President, Conservation & Corporate Relations

June 30, 2016

The IESO is pleased to provide the Final 2015 Annual Verified Results Report including final 2015 Project Lists and EM&V Key Findings & FAQs. Collectively LDCs achieved 1.1 TWh of energy savings persisting to 2020 – representing 16% of the 7 TWh target. These results were achieved through both Legacy Framework and Conservation First Framework (CFF) programs. The results indicate a smooth transition between frameworks and demonstrate the continued collaboration between LDCs and the IESO in promoting a culture of conservation across the province.

The IESO remains committed to supporting LDCs in the delivery of conservation programs and 2015 marked some significant milestones, including the completion and approval of over 40 CDM plans and the implementation of 14 pilot programs and 5 local programs. Other highlights include:

- Business sector accounted for 79% of the net energy savings persisting to 2020 with the remainder 21% through the Residential sector.
- The Coupons program shifted toward ENERGY STAR® rated LED lighting, accounting for roughly 90% of coupons redeemed.
- The Retrofit program participation increased nearly 20%, and net energy savings increased by over 50% over 2014 results. Net-to-gross adjustments are trending higher than previous years, minimum of a 75% net-to-gross in all regions.
- The Process & Systems Upgrades program achieved a 20% increase in Capital Incentive projects totalling 12 in all, including 4 Behind-the-Meter Generation, and a broad spectrum of industrial processes and end-uses.

2015 also marks the first year that regional and local net-to-gross values have been employed where possible in certain programs, providing LDCs with a more granular analysis on their individual results.

CFF provides many opportunities to support LDCs in achieving their energy targets and delivering value to customers. Through increased flexibility for LDCs to design and deliver programs based on local needs and fostering collaboration and innovation through enhanced program funding opportunities we are well positioned to achieve success in delivering effective conservation programs to all customers.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process and as we look ahead to the remainder of 2016, the IESO will be focusing on improving its communication and support services to further enhance the participation in conservation programs for both LDCs and customers.

Please continue to monitor Save on Energy E-blasts for future updates and should you have any other questions or comments please contact LDC.Support@ieso.ca.

I look forward to continuing to work together in achieving success in the Conservation First Framework.

Sincerely,

Terry Young
Vice-President, Conservation & Corporate Relations
Independent Electricity System Operator

Final 2015 Annual Verified Results Report
Summary

For: Hydro Ottawa Limited

Target Achievement

#	Metric	2015 Verified Results	2015-2020 Total CDM Plan Forecast	2015 Verified Results versus CDM Plan (%)	2015-2020 Total Allocated Target / Budget	2015 Verified Results versus Allocated Target / Budget (%)	LDC Ranking in the Province out of 75 (2015 Verified Results versus Allocated Target / Budget (%))
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	57,247.836	394,573.297	**15**	394,540.000	**15**	**38**
2	Total Spending ($)	389,296	105,242,155	**0**	105,242,155	**0**	**26**

Annual Results

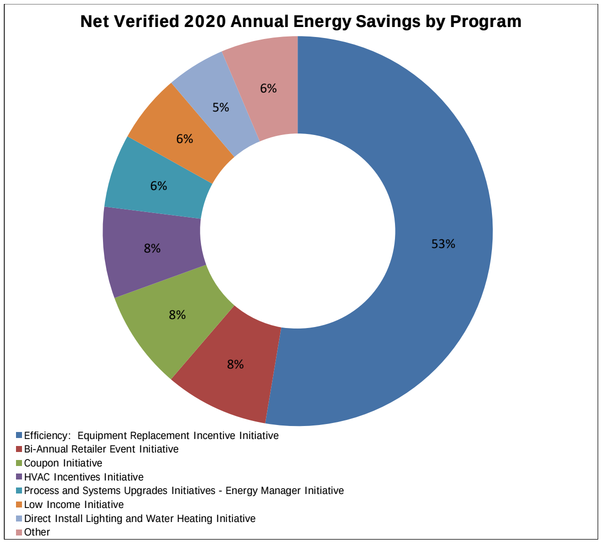
#	Metric	2015	2016	2017	2018	2019	2020	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	57,247.836						**57,247.836**
2	Net Verified Incremental First Year Energy Savings (MWh)	64,388.383						**64,388.383**
3	Total Spending ($)	389,296						**389,296**
4	Total Resource Cost Test (Ratio)	n/a						**n/a**
5	Program Administrator Cost Test (Ratio)	n/a						**n/a**
6	Levelized Unit Energy Cost Result ($/kWh)	n/a						**n/a**

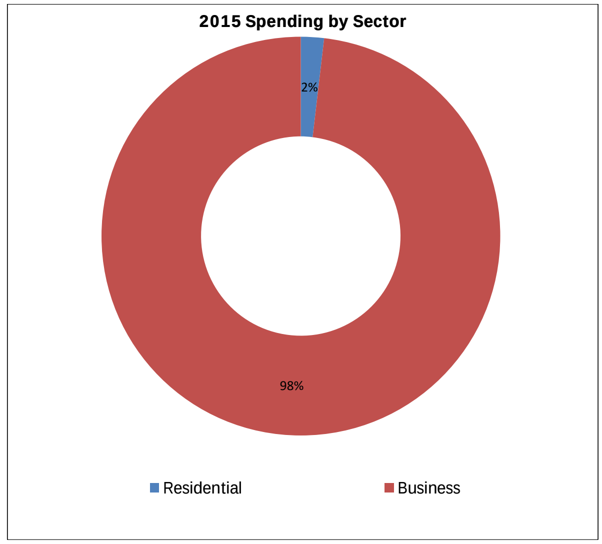
Annual Full Cost Recovery Progress

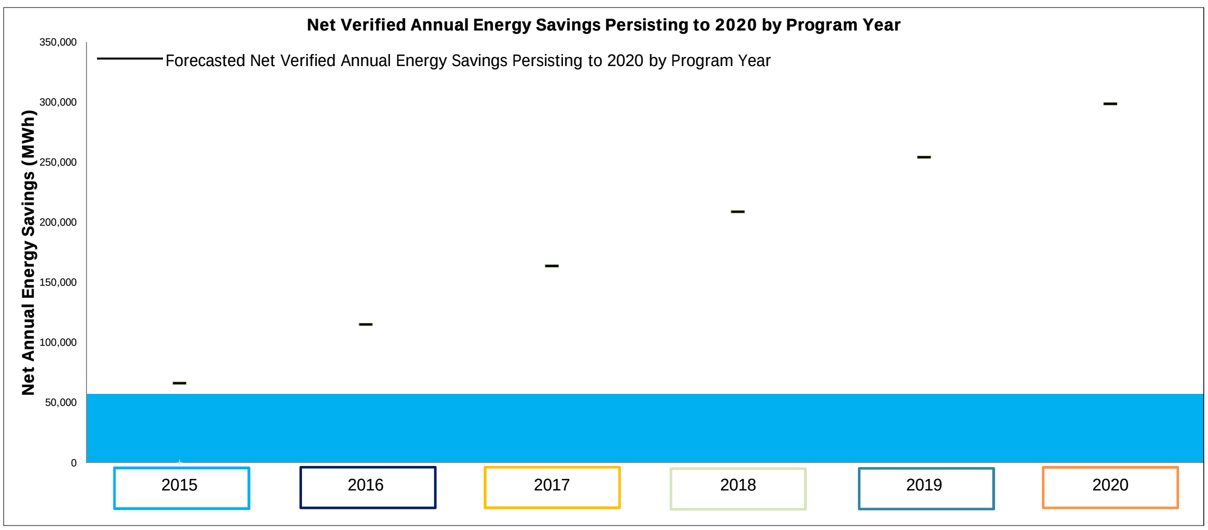
#	Metric	Result
1	Net Verified 2015 Annual Energy Savings from Full Cost Recovery Programs (MWh)	64,388.383
2	Net 2015 Annual Energy Savings from Full Cost Recovery Program per CDM Plan Forecast (MWh)	67,160.460
3	Annual Full Cost Recovery Progress (%)	96

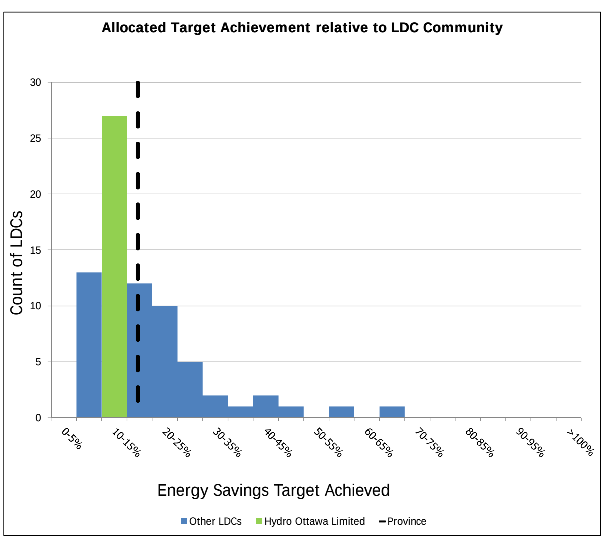
Budget Progress

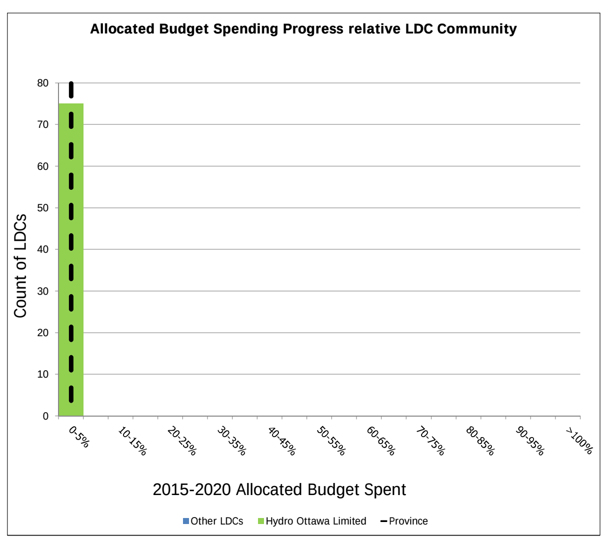
#	Metric	Result
1	2015 Spending ($)	389,296
2	2015 CDM Plan Budget ($)	1,372,250
3	CDM Plan Budget Progress (%)	28


Net Verified 2020 Annual Energy Savings by Program
53%
8%
8%
8%
6%
6%
5%
6%
Efficiency: Equipment Replacement Incentive Initiative
Bi-Annual Retailer Event Initiative
Coupon Initiative
HVAC Incentives Initiative
Process and Systems Upgrades Initiatives - Energy Manager Initiative
Low Income Initiative
Direct Install Lighting and Water Heating Initiative
Other


2015 Spending by Sector
2%
98%
Residential
Business


Net Verified Annual Energy Savings Persisting to 2020 by Program Year
Forecasted Net Verified Annual Energy Savings Persisting to 2020 by Program Year
Net Annual Energy Savings (MWh)
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
2015
2016
2017
2018
2019
2020


Allocated Target Achievement relative to LDC Community
Count of LDCs
30
25
20
15
10
5
0
0-5%
10-15%
20-25%
30-35%
40-45%
50-55%
60-65%
70-75%
80-85%
90-95%
>100%
Energy Savings Target Achieved
Other LDCs
Hydro Ottawa Limited
Province


Allocated Budget Spending Progress relative LDC Community
Count of LDCs
80
70
60
50
40
30
20
10
0
0-5%
10-15%
20-25%
30-35%
40-45%
50-55%
60-65%
70-75%
80-85%
90-95%
>100%
2015-2020 Allocated Budget Spent
Other LDCs
Hydro Ottawa Limited
Province

Final Verified 2016 Annual LDC CDM Program Results Report

Letter from the Vice-President, Conservation & Corporate Relations

June 30, 2017

I am pleased to provide LDCs with their Final Verified 2016 Annual Results Report. Collectively in 2016, LDCs achieved 1.2 TWh of energy savings persisting to 2020. When combined with the 2015 results, LDCs have achieved 2.6 TWh of energy savings, representing 38 % of the 7 TWh target. The results show positive progress towards the achievement of the Conservation First Framework (CFF) target and demonstrate the continued collaboration between LDCs and the IESO in promoting a culture of conservation across the province.

Key highlights from the 2016 final results include the following:

- The Coupons program produced a record achievement, delivering 428 GWh of energy savings in 2016, more than doubling the results from 2015. LED light bulbs remained the most common measure accounting for 75 % of coupons redeemed and 96 % of savings.

- The Retrofit program continues to be the highest performing program achieving 567 GWh of energy savings in 2016, despite experiencing a 29 % reduction in savings over the 2015 results (including adjustments). Lighting measures continue to produce the majority of savings, 74 % in 2016, with non-lighting measures accounting for the remainder.

- The success of the Coupons program supported residential sector programs in achieving a larger share of the portfolio savings in 2016 than in previous years, accounting for 44 % of target achievement, with business sector programs and local and pilot programs accounting for 54 % and 1 %, respectively.

  - It is important to note that there remains a considerable data lag, representing completed, but unreported projects for the Retrofit and Process and Systems Upgrades Programs. Together, these programs have roughly 250 GWh in unverified savings waiting to be reported by LDCs. It is anticipated that these savings will be reported in future year's 2016 adjustments.

- As with 2015, the IESO evaluation methodology enabled further granulation of net verified results in 2016, resulting in increased LDC-specific and regional level net-to-gross adjustment factors, where data permitted.

- Four LDCs have achieved at least 90 % of their CFF target, and nine others are above 50 %. These early successes are prompting increased dialogue between LDCs with respect to potential target exchange, which is both permitted and encouraged under the CFF.

There were minor revisions to the final results relative to the preliminary results including: 1) revisions/corrections to program savings assumptions / adjustments as required (primarily to participation levels for Coupons Program and Heating & Cooling Program); 2) the inclusion of an additional five LDC Innovation Fund and Conservation Fund Pilot Programs; and 3) amendments based on comments received by LDCs as part of their review of the preliminary results. Further details on the revisions between the preliminary and the final 2016 verified results can be found in the 2016 Frequently Asked Questions (FAQs) and Evaluation Findings Report which will be posted along with the results on the LDC extranet.

Please note that all results contained within this report are considered to be final verified results. Projects included in this report are reflected in the accompanying LDC Project List Report. Any program activity not captured in this report will be included as part of a future adjustment process.

In terms of next steps, as with the 2015 CFF results, Final Verified 2016 Annual Results Reports will be posted on the IESO website in early July. In addition, LDC-Program level and portfolio-level cost effectiveness test results will be available on September 15, 2017, as outlined in the Energy Conservation Agreement version 3.0 update. Finally, 2016 EM&V reports will be available later this summer along with key program recommendations to be shared with the LDC Working Groups and the IESO.

We appreciate your collaboration and cooperation throughout the reporting and evaluation process. As we look ahead, the IESO will be focusing on enhancing its communication and support services to further support LDCs in the delivery of programs and to increase customer participation in these programs. I look forward to continuing to work together in achieving success in the Conservation First Framework.

Sincerely,

Terry Young
Vice-President, Conservation & Corporate Relations
Independent Electricity System Operator

Final Verified 2016 Annual LDC CDM Program Results Report

Summary

For: Hydro Ottawa Limited

Results

#	Metric	2015 Verified Results	2016 Verified Results	2015-2016 Verified Results	Allocated Target / Budget	2015-2016 Progress versus Allocated Target / Budget	2015-2020 LDC CDM Plan Forecast	2015-2016 Progress versus 2015-2020 LDC CDM Plan Forecast	2016 LDC CDM Plan Forecast	2016 Progress versus 2016 LDC CDM Plan Forecast	2015-2016 LDC CDM Plan Forecast	2015-2016 Progress versus 2015-2016 LDC CDM Plan Forecast
1	Net Verified Annual Energy Savings Persisting to 2020	72,802 MWh	59,248 MWh	132,049 MWh	394,540 MWh	33 %	394,560 MWh	33 %	42,147 MWh	141 %	99,490 MWh	133 %
2	LDC Ranking - Net Verified Annual Energy Savings Persisting to 2020	7	5	5	5	40	5	40	6	23	6	32
3	Total Spending ($)	$ 389,298	$ 13,469,630	$ 13,858,928	$ 105,242,155	13 %	$ 105,242,154	13 %	$ 17,214,251	78 %	$ 17,591,400	79 %
4	LDC Ranking - Total Spending ($)	10	4	4	5	19	5	21	5	17	6	16

Annual Results

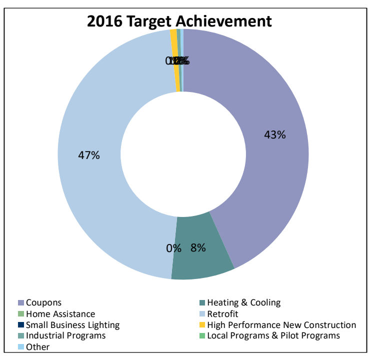
#	Metric	2015	2016	Total
1	Net Verified Annual Energy Savings Persisting to 2020 (MWh)	72,802 MWh	59,248 MWh	**132,049 MWh**
2	Net Verified Incremental First Year Energy Savings (MWh)	76,880 MWh	59,908 MWh	**136,788 MWh**
3	Total Spending ($)	$ 389,298	$ 13,469,630	**$ 13,858,928**

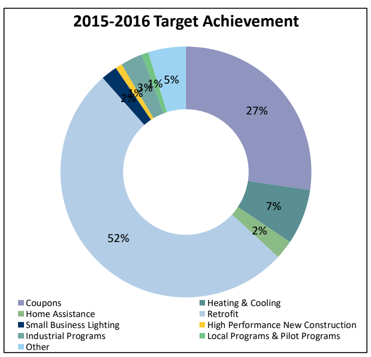
Cost Effectiveness

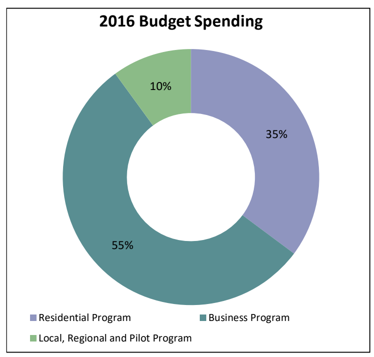
#	Test	2015	2016	Total
1	Total Resource Cost Test (Ratio)	n/a	tbd	**tbd**
2	Program Administrator Cost Test (Ratio)	n/a	tbd	**tbd**
3	Levelized Unit Energy Cost Result (¢/kWh)	n/a	tbd	**tbd**

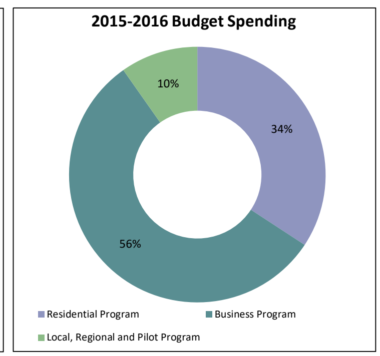
Annual FCR Progress

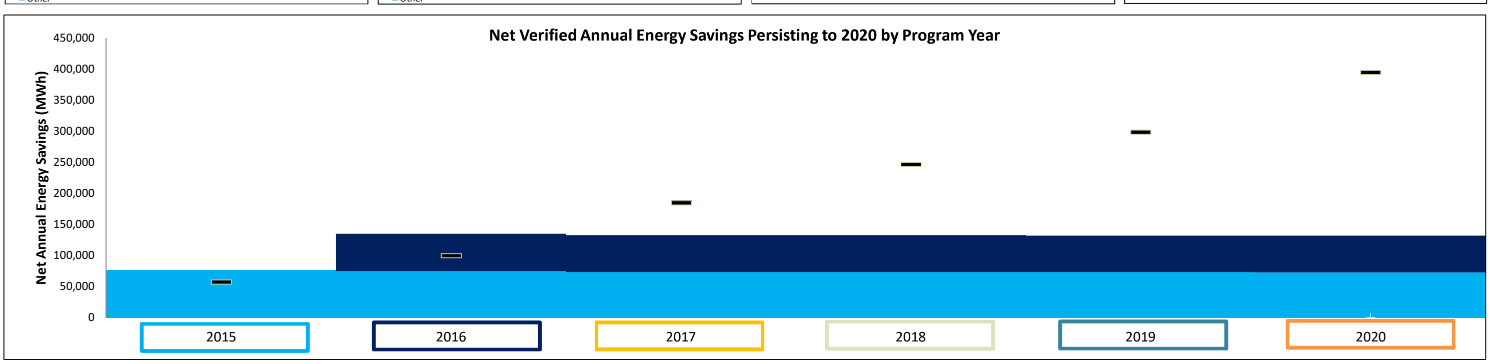
#	Metric	Result
1	2015-2016 Incremental Net Verified 2020 Annual Energy Savings from Full Cost Recovery Programs	**132,049 MWh**
2	2015-2016 Incremental Net 2020 Annual Energy Savingsfrom Full Cost Recovery Program per CDM Plan Forecast	**99,490 MWh**
3	FCR Progress (%)	**133 %**

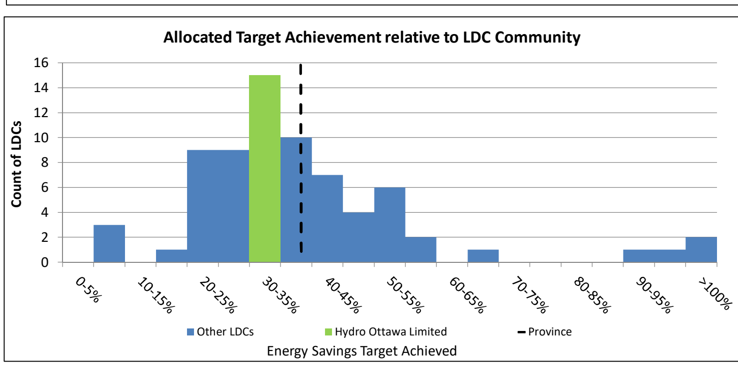


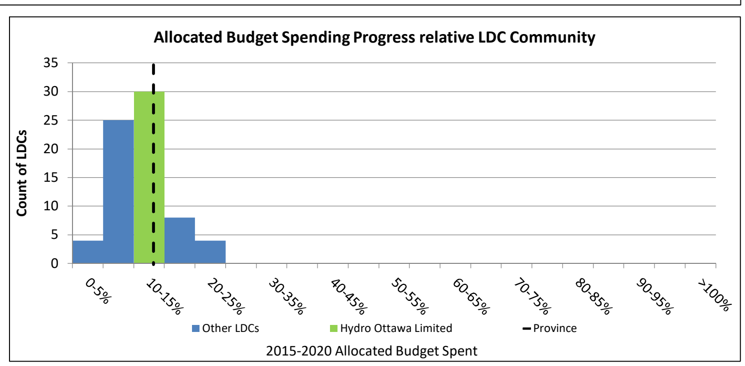












2017 Final Verified Annual LDC CDM Program Results Report Letter from the Vice-President, Policy, Engagement & Innovation

June 29, 2018

To: Ontario's Local Distribution Companies

At the mid-way point of the Conservation First Framework (CFF) Ontario's Local Distribution Companies (LDCs) along with the IESO have shown significant progress towards the 2020 CFF 7.0 TWh target. The province has achieved 1.8 TWh of persisting energy savings in 2017, the highest performing year on record. Approximately 20% ($364M) of the allocated $1.835B CFF LDC Conservation Demand Management (CDM) budget was accounted for in 2017. From 2015, LDCs have achieved 4.8 TWh of energy savings, representing 69% of the CFF 7.0 TWh target. The savings realized to date demonstrate the significant efforts made by LDCs and the IESO in delivering and promoting conservation programs across the province.

Key highlights from the 2017 results include:

- The share of residential portfolio savings increased for the third consecutive year, accounting for 46% of 2017 results, while the business portfolio program contributed to 45%, and local/pilot/centrally delivered programs accounting for 9% of 2017 savings.

- The Coupon & Instant Discount residential retail program produced a record achievement of 740 GWh of persisting energy savings, increasing by over 53% of the results from 2016. LED light bulbs remained the most common measure accounting 91% of savings.

- The Retrofit program achieved 663 GWh of persisting energy savings in 2017, which represents a small reduction in savings despite completing approximately half the number projects compared to 2016 results (including adjustments). Lighting continues to represent the majority of results, representing 79% of savings in 2017.

- The Process and Systems Upgrades Program achieved 15 GWh in 2017, but also verified an additional 65 GWh in 2016 completed projects and 11 GWh in 2015 completed projects as part of this year's evaluation. Behind-the-meter generation projects account for 82% of program savings-to-date.

  - The data lag associated with unreported (yet completed) 2017 projects for the Retrofit and Process and Systems Upgrade programs remain an ongoing challenge. Together with the Heating & Cooling program, these programs have approximately 723 GWh in unverified savings yet to be reported by LDCs for which is anticipated to be reported a future verified annual results reports as 2017 adjustments.

Minor revisions were made to the final 2017 results relative to the preliminary 2017 results issued to LDCs on June 1, 2018. Details on the revisions between the 2017 preliminary and final verified results can be found in the 2017 Frequently Asked Questions (FAQs) along with key 2017 evaluation findings and province-wide and local program cost effectiveness test results posted alongside LDC results.

Consistent with prior year evaluation cycles, all 2017 final verified annual results reports will be posted on the IESO website in early July. LDC-specific cost effectiveness test results (program- and portfolio-level) will be available by September 15, 2017. Finally, 2017 EM&V reports will be available later this summer along with key program recommendations to be shared with the Joint Program Operations Committee (JPOC) and associated committees.

I look forward to the continued collaboration with LDCs and stakeholders building off lessons learned and implementing feedback from the mid-term review process to enhance current programs and future efforts.

Sincerely,

Terry Young
Vice-President, Policy, Engagement & Innovation
Independent Electricity System Operator

2017 Final Verified Annual LDC CDM Program Results Report
Summary

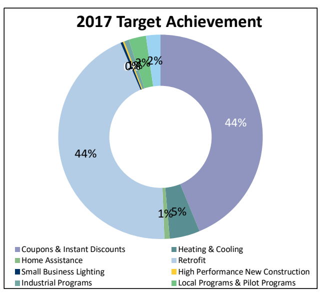
For: Hydro Ottawa Limited

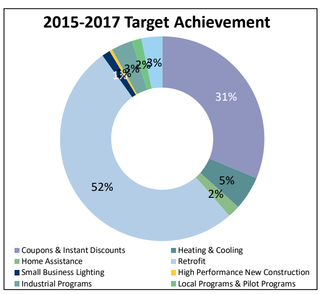
Results

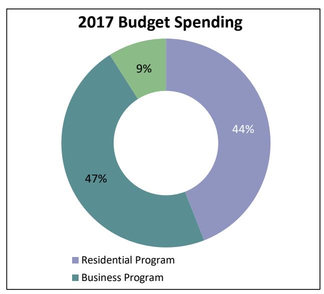
#	Metric	2015 Verified Results	2016 Verified Results	2017 Verified Results	2015-2017 Verified Results	Allocated Target / Budget	2015-2017 Progress versus Allocated Target / Budget	2015-2020 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2020 LDC CDM Plan Forecast	2017 LDC CDM Plan Forecast	2017 Progress versus 2017 LDC CDM Plan Forecast	2015-2017 LDC CDM Plan Forecast	2015-2017 Progress versus 2015-2017 LDC CDM Plan Forecast
1	Net Verified Annual Energy Savings Persisting to 2020	77,765 MWh	89,951 MWh	108,371 MWh	276,087 MWh	394,540 MWh	70 %	394,586 MWh	70 %	80,473 MWh	135 %	213,664 MWh	129 %
2	LDC Ranking - Net Verified Annual Energy Savings Persisting to 2020	5	4	4	4	4	31	4	29	4	35	4	28
3	Total Spending ($)	$ 389,296	$ 13,469,631	$ 24,399,639	$ 38,258,566	$ 105,242,155	36 %	$ 105,242,155	36 %	$ 30,043,738	81 %	$ 43,902,666	87 %
4	LDC Ranking - Total Spending ($)	8	4	4	4	4	19	4	18	4	51	4	30

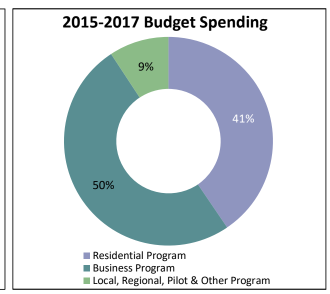
Annual FCR Progress

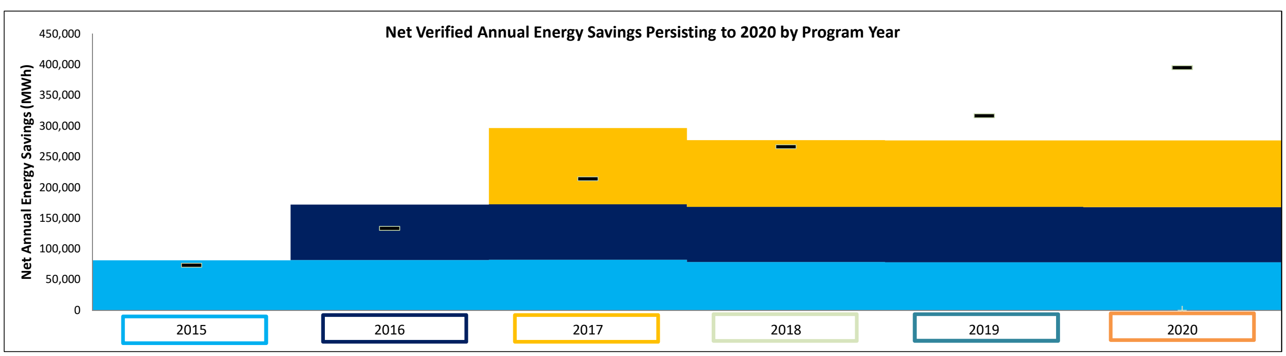
#	Metric	2015 Program Year	2016 Program Year	2017 Program Year	Total 2015-2017 Framework-to-Date
1	Net Verified 2020 Annual Energy Savings from Full Cost Recovery Programs	8,702 MWh	89,947 MWh	107,613 MWh	**206,261 MWh**
2	CDM Plan Forecasted Net 2020 Annual Energy Savings from Full Cost Recovery Programs	8,354 MWh *(2015 Annual Milestone from FCR Programs)*	59,903 MWh *(2016 Annual Milestone from FCR Programs)*	80,473 MWh *(2017 Annual Milestone from FCR Programs)*	**148,730 MWh** ***(Cumulative FCR Milestone)***
	FCR Progress				**138.7 %**

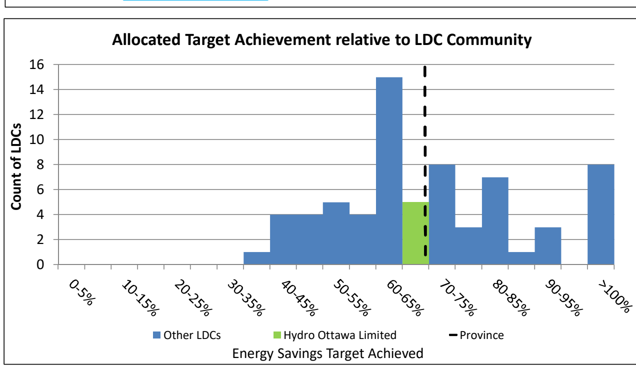


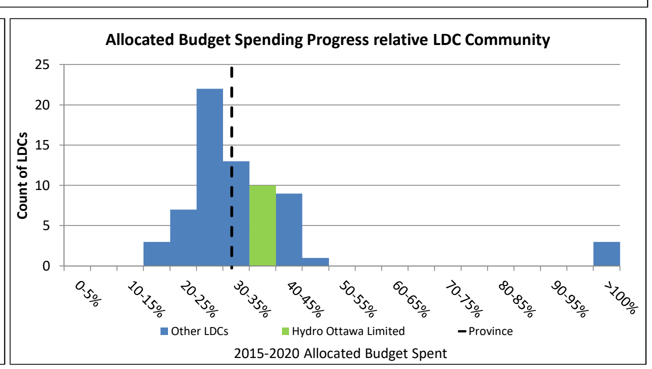












LRAM VARIANCE ACCOUNT

1. INTRODUCTION

Hydro Ottawa is seeking Lost Revenue Adjustment Mechanism ("LRAM") recovery in the amount of $(491,812), including principal of $(444,449) and carrying charges of $(47,363). This represents Conservation and Demand Management ("CDM") savings reported in 2014 and includes the adjustments for 2013. The LRAM calculation is included in Attachment 9-1-1(A): OEB Workform - Deferral and Variance Account (Continuity Schedule). In addition, please refer to Exhibit 9-3-1: Disposition of Deferral and Variance Accounts for details regarding the disposition period and rate riders for the LRAM variance account ("LRAMVA").

At the time of filing this Application, Hydro Ottawa can support the 2014 LRAM claims. Hydro Ottawa may provide further LRAM claims for years after 2014 as part of future updates to this Application.

2. INPUT ASSUMPTIONS

Hydro Ottawa confirms that it is using the most recent input assumptions available for calculating lost revenue at the time of filing this Application. This includes the final 2014 verified results report from the Independent Electricity System Operator ("IESO"). For detailed savings inputs, please refer to Attachment 4-5-2(A): OEB Workform - 2014 LRAM VA Workform and Attachment 4-5-2(B): OEB Workform - 2014 Adjustments - LRAM VA Workform.

Hydro Ottawa confirms that it has relied upon the most recent final IESO CDM reports evaluation from 2014 in support of the lost revenue calculation for 2014. The IESO's Final Verified 2014 CDM Report can be found in Attachment 4-5-1(A).

Hydro Ottawa used its respective OEB-approved variable distribution charges in calculating the lost revenue. Hydro Ottawa confirms that carrying charges are being requested on the LRAMVA. The interest rate used for the calculation of all carrying charges was that which was prescribed by the OEB and published quarterly on its website. Please see Exhibit 9-1-1: Summary of Current Deferral and Variance Accounts for further details on the carrying charges.

Hydro Ottawa notes that the OEB has indicated that adjustments to past LRAM claims should not be requested. Hydro Ottawa is seeking recovery of the 2013 adjustments that were first reported on the IESO Final Verified 2014 CDM Report ("2014 Report"). The 2013 adjustments were received after the initial filing of Hydro Ottawa's 2016-2020 Custom Incentive Rate-Setting ("Custom IR") application, which included the utility's disposal requests.[1] At the time of that application's filing, the OEB had previously directed that "At a minimum, distributors must apply for the disposition of the balance in the LRAMVA as part of their COS applications."[2] In its 2016-2020 application, Hydro Ottawa complied with these instructions.

Subsequent to Hydro Ottawa's approved disposal, the OEB clarified that the LRAMVA account disposition was related to the calendar year rather than the IESO report. Had this clarification been made prior to Hydro Ottawa requesting disposition, the utility would have considered it prudent to wait to clear the 2013 year (given that the IESO reports could include significant adjustments). As such, Hydro Ottawa is requesting only the 2013 adjustments related to the 2014 Report and believes that this falls within prospective treatment of changes in requirements.

In addition, at this time Hydro Ottawa will not request disposition of LRAM amounts after 2014 until it has determined that no material adjustments are outstanding related to years after 2014. Hydro Ottawa will provide an update on this matter at a later point in this Application's proceeding.

[1] Hydro Ottawa Limited, *2016-2020 Custom Incentive Rate-Setting Distribution Rate Application*, EB-2015-0004 (April 29, 2015).
[2] Ontario Energy Board, *Chapter 2 - Cost of Service Rate Applications Based on a Foreward Test Year* (July 18, 2014).

3. CDM PROGRAMS AND INITIATIVES BY RATE CLASS

Table 1 shows the Lost Revenue from the IESO Final Verified Annual 2014 CDM Report by rate class and by year.

Table 1 – Lost Revenue by Year by Rate Class - 2014 Report[3]

	2013	2014	Total
Residential	$11,116	$301,347	$312,463
GS< 50 kW	$549	$248,301	$248,850
Commercial	$56,120	$(105,180)	$(49,061)
Unmetered	$0	$(4,051)	$(4,051)
Streetlighting	$0	$(16,390)	$(16,390)
TOTAL[4]	**$67,785**	**$424,027**	**$491,812**

Table 2 provides a further break down and allocation of the commercial class into Hydro Ottawa's > 50 kW commercial classes.

Table 2 – > 50 kW Commercial Allocation

	kW	Allocated %	Allocated $
General Service 50 to 1,499 kW	5,288,918	68.9%	$(33,797)
General Service 1,500 to 4,999 kW	1,422,314	18.5%	$(9,089)
Large Use	966,207	12.6%	$(6,174)
TOTAL[5]	**7,677,439**	**100%**	**$(49,060)**

For 2014, Hydro Ottawa does not have customer level data to allocate savings to the > 50 kW customer classes. The utility has continued to use the same methodology for disposing of LRAM claims for the 2014 Report as was used for the 2011-2013 reports. Hydro Ottawa

[3] Breakdown by interest and principal are summarized in Attachment 4-5-2(A): OEB Workform - 2014 LRAM VA Workform and Attachment 4-5-2(B): OEB Workform - 2014 Adjustments - LRAM VA Workform.
[4] Totals may not sum due to rounding.
[5] *Ibid.*

confirms that, for years after 2014, customer level data will be used to allocate savings to customer classes.

CDM programs/initiatives by rate class indicating the energy savings (kWh) and peak demand (kW) savings assigned to the programs/initiatives are available in Attachment 4-5-2:(A) OEB Workform - 2014 LRAM VA Workform and Attachment 4-5-2(B): OEB Workform - 2014 Adjustments - LRAM VA Workform. For descriptions of these initiatives, please see the following IESO annual reports appended to this Schedule:

- Attachment 4-5-1(A): IESO Final Verified 2014 CDM Report
- Attachment 4-5-1(B): IESO Final Verified 2015 CDM Summary Report
- Attachment 4-5-1(C): IESO Final Verified 2016 CDM Summary Report
- Attachment 4-5-1(D): IESO Final Verified 2017 CDM Summary Report

4. OEB-APPROVED PROGRAMS

Hydro Ottawa did not undertake any OEB-approved CDM programs since 2014. All CDM programs were IESO-funded. Thus, as per section 6.1.1 of the Conservation and Demand Management Code, no separate third-party independent verification is required.[6]

[6] Ontario Energy Board, *Conservation and Demand Management Code for Electricity Distributors* (September 16, 2010), page 14.

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LRAMVA Work Form:
Checklist and Schematic

Version 4.0 (2020)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA ($) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend — Drop Down List (Blue)

Important Checklist

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
Yes	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA ($) by Rate Class	Tab "1. LRAMVA Summary"			

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LRAMVA Work Form: Summary Tab

Version 4.0 (2020)

Legend

Legend	User Inputs (Green)
	Auto Populated Cells (White)
	Instructions (Grey)

LDC Name Hydro Ottawa Limited

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2015-0004
Application of Previous LRAMVA Claim	2016 COS/IRM Application
Period of LRAMVA Claimed in Previous Application	2011-2013
Amount of LRAMVA Claimed in Previous Application	-$ 687,335.50

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2019-0261
Application of Current LRAMVA Claim	2021 COS/IRM Application
Period of New LRAMVA in this Application	2014-2014
Period of Rate Recovery (# years)	1

Actual Lost Revenues ($)	A	**$ 2,149,864**
Forecast Lost Revenues ($)	B	**$ 1,765,978**
Carrying Charges ($)	C	**$ 40,140**
LRAMVA ($) for Account 1568	A-B+C	**$ 424,027**

C. Documentation of Changes

Original Amount	$ -
Amount for Final Disposition	$ 491,811.67

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	kWh	$272,821	$28,527	$301,347
GS<50 kW	kWh	$224,795	$23,505	$248,301
Commercial 50 kW to Large Use	kW	-$95,224	-$9,957	-$105,180
Unmetered Scattered Load	kWh	-$3,668	-$384	-$4,051
Street Lighting	kW	-$14,838	-$1,552	-$16,390
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
Total		**$383,887**	**$40,140**	**$424,027**

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
		kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
2011 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2012 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2013 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2013 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2014 Actuals	☐	$786,291.23	$369,550.53	$994,022.52	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,149,864.28
2014 Forecast		($513,470.59)	($144,755.10)	($1,089,246.11)	($3,667.70)	($14,838.09)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	($1,765,977.59)
Amount Cleared																
2015 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2015 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2016 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2016 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2017 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2017 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2018 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2018 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
Carrying Charges		$28,526.81	$23,505.17	($9,956.82)	($383.50)	($1,551.51)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$40,140.15
Total LRAMVA Balance		**$301,347**	**$248,301**	**-$105,180**	**-$4,051**	**-$16,390**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$424,027**

Note: LDC to make note of assumptions included above, if any

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LRAMVA Work Form: Summary of Changes

Version 4.0 (2020)

Legend

- User Inputs (Green)
- Drop Down List (Blue)
- Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	7. Persistence Data	Row C and D	Correct Initiative and Program name so that consistent through years, for example HVCA to always be HVAC Incentives. Bolded changed items and added comment.	In order to have sumifs formulas work, as Persistence report used a slightly different description.
2	7. Persistence Data	Row H	Correct one year	To balance to IESO report
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Ontario Energy Board

LRAMVA Work Form:
Forecast Lost Revenues

Version 4.0 (2020)

Legend

- User Inputs (Green)
- Drop Down List (Blue)
- Auto Populated Cells (White)
- Instructions (Grey)

Table 2-a. LRAMVA Threshold 2014

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	29,390,965	22,228,164	6,993,000		169,801										
kW	322,951			319193		3758									
Summary		22228164	6993000	319193	169800.7857	3758	0	0	0	0	0	0	0	0	0

Years Included in Threshold
Source of Threshold 20XX Settlement Agreement, p. X

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold
Source of Threshold 20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	2014	22,228,164	6,993,000	319,193	169,801	3,758	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

Ontario Energy Board

LRAMVA Work Form: Distribution Rates

Version 4.0 (2020)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-XXXX	EB-2013-0143	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)													
Period 2 (# months)		*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*
Residential	kWh					$ 0.0231							
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ 0.0231	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 0.0231**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
GS<50 kW	kWh					$ 0.0207							
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ 0.0207	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 0.0207**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Commercial 50 kW to Large Use	kW					$ 3.4125							
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ 3.4125	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 3.4125**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Unmetered Scattered Load	kWh					$ 0.0216							
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ 0.0216	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 0.0216**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Street Lighting	kW					$ 3.9484							
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ 3.9484	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ 3.9484**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0	0												
Rate rider for tax sharing													
Rate rider for foregone revenue													
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. **Please clear the rates related to the year(s) that are not part of the LRAMVA claim.**

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
	kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0
2011	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2012	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2013	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2014	$0.0231	$0.0207	$3.4125	$0.0216	$3.9484	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2015	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2016	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2017	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2018	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition

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LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 4.0 (2020)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Consumer Program																						
1	Appliance Retirement	Verified	1,754,416	1,754,416	1,754,416	1,747,243	1,219,578	0	0	0	0	0		246	246	246	238	160	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
2	Appliance Exchange	Verified	22,795	22,795	22,795	12,456	0	0	0	0	0	0		19	19	19	7	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
3	HVAC Incentives	Verified	5,465,411	5,465,411	5,465,411	5,465,411	5,465,411	5,465,411	5,465,411	5,465,411	5,465,411	5,465,411		2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880	2,880
	Adjustment to 2011 savings	True-up	-968,746	-968,746	-968,746	-968,746	-968,746	-968,746	-968,746	-968,746	-968,746	-968,746		-519	-519	-519	-519	-519	-519	-519	-519	-519	-519
4	Conservation Instant Coupon Booklet	Verified	1,104,610	1,104,610	1,104,610	1,104,610	1,017,677	922,705	725,187	719,955	901,861	355,888		69	69	69	69	65	61	52	51	59	34
	Adjustment to 2011 savings	True-up	15,424	15,424	15,424	15,424	15,424	14,093	8,646	8,634	8,634	3,058		1	1	1	1	1	1	1	1	0	0
5	Bi-Annual Retailer Event	Verified	1,644,342	1,644,342	1,644,342	1,644,342	1,502,807	1,348,187	1,016,447	1,012,739	1,308,894	420,013		94	94	94	94	88	80	65	65	78	37
	Adjustment to 2011 savings	True-up	122,169	122,169	122,169	122,169	122,169	111,017	59,937	59,924	59,924	13,220		6	6	6	6	6	3	3	3	1	0
6	Retailer Co-op	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
7	Residential Demand Response	Verified	8,266	0	0	0	0	0	0	0	0	0		3,193	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	13,234	0	0	0	0	0	0	0
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
9	Residential New Construction	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Business Program																						
10	Retrofit	Verified	15,402,256	15,402,256	15,402,256	15,402,256	15,402,256	15,402,256	15,402,256	15,402,256	13,957,380	13,957,380	12	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,913	2,617	2,617
	Adjustment to 2011 savings	True-up	927,562	927,562	927,562	926,808	926,808	926,514	849,504	680,140	670,027	670,027	12	162	162	162	162	162	143	114	112	112	111
11	Direct Install Lighting	Verified	3,870,853	3,864,500	3,785,561	2,090,042	2,084,396	2,054,849	400,597	397,369	397,369	397,369	12	1,416	1,414	1,387	794	792	781	140	135	135	135
	Adjustment to 2011 savings	True-up	108,877	108,877	108,877	87,006	87,006	87,006	9,058	9,058	9,058	9,058	12	44	44	36	36	36	4	4	4	4	4
12	Building Commissioning	Verified	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
13	New Construction	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
14	Energy Audit	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	131,991	131,991	131,991	131,991	125,881	0	0	0	0	0	12	27	27	27	26	0	0	0	0	0	0
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
17	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	749	0	0	0	0	0	0	0
	Industrial Program																						
18	Process & System Upgrades	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
19	Monitoring & Targeting	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
20	Energy Manager	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
21	Retrofit	Verified											12										
	Adjustment to 2011 savings	True-up											12										
22	Demand Response 3	Verified																					
	Adjustment to 2011 savings	True-up																					
	Home Assistance Program																						
23	Home Assistance Program	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	32,012	32,012	32,012	31,719	31,329	27,365	25,384	23,554	21,204	21,056		2	2	2	2	2	2	2	1	1	1
	Aboriginal Program																						
24	Home Assistance Program	Verified																					
	Adjustment to 2011 savings	True-up																					
25	Direct Install Lighting	Verified											0										
	Adjustment to 2011 savings	True-up											0										
	Pre-2011 Programs completed in 2011																						
26	Electricity Retrofit Incentive Program	Verified	4,899,976	4,899,976	4,899,976	4,899,976	4,899,976	4,899,976	4,899,976	4,899,976	4,899,976	4,899,976	12	934	934	934	934	934	934	934	934	934	934
	Adjustment to 2011 savings	True-up	157,372	157,372	157,372	157,372	157,372	157,372	157,372	157,372	0	0	12	27	27	27	27	27	27	27	0	0	0
27	High Performance New Construction	Verified	1,651,092	1,651,092	1,651,092	1,651,092	1,651,092	1,651,092	1,651,092	1,651,092	1,651,092	1,651,092	12	321	321	321	321	321	321	321	321	321	321
	Adjustment to 2011 savings	True-up	-244,470	-244,470	-244,470	-244,470	-244,470	-244,470	-244,470	-244,470	-244,470	-244,470	12	43	43	43	43	43	43	43	43	43	43
28	Toronto Comprehensive	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Multifamily Energy Efficiency Rebates	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	LDC Custom Programs	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other																						
31	Program Enabled Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	LDC Pilots	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Actual CDM Savings in 2011		**36,106,208**											**11,878**									
	Forecast CDM Savings in 2011																						

	Program	Results Status	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
			kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Consumer Program																
1	Appliance Retirement	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																
10	Retrofit	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	0.00%	100.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0.00%	100.00%	100.00%												200%
	Adjustment to 2011 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified	0.00%	100.00%	100.00%												200%
	Adjustment to 2011 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0.00%	0.00%	0.00%												0%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
18	Process & System Upgrades	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																
23	Home Assistance Program	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																
24	Home Assistance Program	Verified															0%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified															0%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																
26	Electricity Retrofit Incentive Program	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
31	Program Enabled Savings	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2011		**9,200,699**	**3,979,730**	**53,127**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2011		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2011		$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2011 from 2011 programs		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2011		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2011																**$0.00**
	2011 Savings Persisting in 2012		9,192,433	3,973,377	53,127	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2013		9,192,433	3,894,438	53,127	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2014		9,174,628	2,177,048	53,112	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2015		8,405,649	2,171,402	52,800	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2016		6,920,032	2,141,855	52,572	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2017		6,332,266	409,655	52,224	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2018		6,321,471	406,427	51,876	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2019		6,797,182	406,427	48,324	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2020		5,309,900	406,427	48,312	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
			2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	Consumer Program																						
1	Appliance Retirement	Verified	1,040,845	1,040,845	1,040,845	1,036,849	657,669	0	0	0	0	0	0	146	146	146	141	86	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Appliance Exchange	Verified	43,987	43,987	43,987	42,664	0	0	0	0	0	0		25	25	25	24	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
3	HVAC Incentives	Verified	2,835,583	2,835,583	2,835,583	2,835,583	2,835,583	2,835,583	2,835,583	2,835,583	2,835,583	2,835,583		1,606	1,606	1,606	1,606	1,606	1,606	1,606	1,606	1,606	1,606
	Adjustment to 2012 savings	True-up	113,736	113,736	113,736	113,736	113,736	113,736	113,736	113,736	113,736	113,736		56	56	56	56	56	56	56	56	56	56
4	Conservation Instant Coupon Booklet	Verified	78,235	78,235	78,235	78,235	77,059	77,059	36,287	36,087	36,087	36,087		13	13	13	13	13	13	11	11	11	11
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
5	Bi-Annual Retailer Event	Verified	1,498,537	1,498,537	1,498,537	1,498,537	1,347,090	1,095,376	747,159	745,606	745,606	378,711		83	83	83	83	76	64	48	48	48	31
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
6	Retailer Co-op	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
7	Residential Demand Response	Verified	55,891	0	0	0	0	0	0	0	0	0		7,249	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	2,049	0	0	0	0	0	0	0
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
9	Residential New Construction	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Business Program																						
10	Retrofit	Verified	22,549,482	22,388,167	21,957,628	21,626,988	21,513,912	19,349,112	18,955,923	18,955,923	18,558,408	13,624,369	12	5,116	5,067	4,937	4,842	4,818	4,156	4,092	4,092	4,016	3,150
	Adjustment to 2012 savings	True-up	3,403,202	3,403,202	3,388,513	3,387,871	3,387,871	3,149,962	3,114,398	3,114,398	3,019,200	2,770,485	12	620	620	616	616	616	542	534	534	528	478
11	Direct Install Lighting	Verified	3,365,166	3,364,140	3,311,686	1,870,669	1,863,261	380,762	380,762	380,762	380,762	380,762	12	843	842	829	493	491	82	82	82	82	82
	Adjustment to 2012 savings	True-up	63,534	63,534	63,534	49,670	49,670	6,619	6,619	6,619	6,619	6,619	12	19	19	19	15	15	2	2	2	2	2
12	Building Commissioning	Verified	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
13	New Construction	Verified	16,176	16,176	16,176	16,176	16,176	16,176	16,176	16,176	16,176	16,176	12	14	14	14	14	14	14	14	14	14	14
	Adjustment to 2012 savings	True-up	1,179,763	1,179,763	1,179,763	1,179,763	1,129,045	1,120,071	1,120,071	1,120,071	1,120,071	1,120,071	12	352	352	352	352	344	342	342	342	342	342
14	Energy Audit	Verified	604,230	604,230	604,230	604,230	0	0	0	0	0	0	12	124	124	124	124	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	46,527	46,527	46,527	46,527	0	0	0	0	0	0	12	9	9	9	9	0	0	0	0	0	0
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
17	Demand Response 3	Verified	27,447	0	0	0	0	0	0	0	0	0		1,660	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	3	0	0	0	0	0	0	0
	Industrial Program																						
18	Process & System Upgrades	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
19	Monitoring & Targeting	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
20	Energy Manager	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
21	Retrofit	Verified											12										
	Adjustment to 2012 savings	True-up											12										
22	Demand Response 3	Verified																					
	Adjustment to 2012 savings	True-up																					
	Home Assistance Program																						
23	Home Assistance Program	Verified	319,766	319,766	319,766	319,766	319,766	319,766	316,272	316,198	121,052	119,428		26	26	26	26	26	26	26	26	16	14
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Aboriginal Program																						
24	Home Assistance Program	Verified																					
	Adjustment to 2012 savings	True-up																					
25	Direct Install Lighting	Verified											0										
	Adjustment to 2012 savings	True-up											0										
	Pre-2011 Programs completed in 2011																						
26	Electricity Retrofit Incentive Program	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
27	High Performance New Construction	Verified	2,431,058	2,431,058	2,431,058	2,431,058	2,431,058	2,431,058	2,431,058	2,431,058	2,431,058	2,431,058	12	807	807	807	807	807	807	807	807	807	807
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
28	Toronto Comprehensive	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Multifamily Energy Efficiency Rebates	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	LDC Custom Programs	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other																						
31	Program Enabled Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	LDC Pilots	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Actual CDM Savings in 2012		**39,673,165**											**18,768**									
	Forecast CDM Savings in 2012																						

	Program	Results Status	Rate Allocations for LRAMVA														
			Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
			kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Consumer Program																
1	Appliance Retirement	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																
10	Retrofit	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	0.00%	100.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0.00%	100.00%	100.00%												200%
	Adjustment to 2012 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified	0.00%	100.00%	100.00%												200%
	Adjustment to 2012 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0.00%	0.00%	0.00%												0%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
18	Process & System Upgrades	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																
23	Home Assistance Program	Verified	100.00%	0.00%	0.00%												100%
	Adjustment to 2012 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																
24	Home Assistance Program	Verified															0%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified															0%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																
26	Electricity Retrofit Incentive Program	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
31	Program Enabled Savings	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified	0.00%	0.00%	100.00%												100%
	Adjustment to 2012 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2012		**5,986,580**	**3,428,700**	**84,512**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2012		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2012		$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2012 from 2011 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2012 from 2012 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2012		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2012		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2012																**$0.00**
	2012 Savings Persisting in 2013		5,930,689	3,427,674	83,924	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2014		5,930,689	3,375,220	82,316	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2015		5,925,370	1,920,339	81,176	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2016		5,350,903	1,912,931	79,191	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2017		4,441,520	387,381	70,333	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2018		4,049,037	387,381	69,478	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2019		4,047,210	387,381	69,478	0	0	0	0	0	0	0	0	0	0	0	
	2012 Savings Persisting in 2020		3,852,064	387,381	68,482	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

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#	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
			2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	Consumer Program																						
1	Appliance Retirement	Verified	681,703	681,703	681,703	679,755	422,189	0	0	0	0	0		104	104	104	102	62	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
2	Appliance Exchange	Verified	70,563	70,563	70,563	70,563	0	0	0	0	0	0		40	40	40	40	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
3	HVAC Incentives	Verified	2,563,561	2,563,561	2,563,561	2,563,561	2,563,561	2,563,561	2,563,561	2,563,561	2,563,561	2,563,561		1,448	1,448	1,448	1,448	1,448	1,448	1,448	1,448	1,448	1,448
	Adjustment to 2013 savings	True-up	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436		80	80	80	80	80	80	80	80	80	80
4	Conservation Instant Coupon Booklet	Verified	431,268	431,268	414,649	351,293	351,293	351,293	351,293	351,000	255,236	255,236		29	29	28	24	24	24	24	24	18	18
	Adjustment to 2013 savings	True-up	1,319	1,319	1,255	1,085	1,085	1,085	1,085	1,085	911	911		0	0	0	0	0	0	0	0	0	0
5	Bi-Annual Retailer Event	Verified	961,278	961,278	903,359	705,695	705,695	705,695	705,695	704,863	592,749	592,749		66	66	63	50	50	50	50	50	43	43
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
6	Retailer Co-op	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
7	Residential Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	2,879	0	0	0	0	0	0	0	0
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
9	Residential New Construction	Verified	16,548	16,548	16,548	16,548	16,548	16,548	16,548	16,548	16,548	16,548		2	2	2	2	2	2	2	2	2	2
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Business Program																						
10	Retrofit	Verified	26,220,638	25,437,349	25,379,868	24,941,802	23,506,982	22,461,606	22,461,606	22,405,413	22,262,501	18,225,769	12	4,897	4,660	4,642	4,521	4,092	3,867	3,867	3,858	3,817	3,167
	Adjustment to 2013 savings	True-up	3,603,293	3,593,315	3,593,315	3,592,465	3,550,323	3,464,136	3,464,136	3,442,787	3,390,398	2,882,907	12	582	579	579	579	567	548	548	546	534	428
11	Direct Install Lighting	Verified	3,655,868	3,649,365	3,579,299	2,767,341	1,628,168	1,627,650	1,627,650	1,627,173	1,627,173	1,627,173	12	1,011	1,009	990	779	414	414	414	414	414	414
	Adjustment to 2013 savings	True-up	24,045	24,045	24,045	19,359	13,510	13,510	13,510	13,510	13,510	13,510	12	7	7	7	6	4	4	4	4	4	4
12	Building Commissioning	Verified	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
13	New Construction	Verified	117,105	117,105	117,105	117,105	117,105	117,105	117,105	117,105	117,105	117,105	12	125	125	125	125	125	125	125	125	125	125
	Adjustment to 2013 savings	True-up	272,381	272,381	272,381	272,381	272,381	272,381	272,381	272,381	204,476	204,476	12	190	190	190	190	190	190	190	190	170	170
14	Energy Audit	Verified	2,325,637	2,325,637	2,325,637	2,325,637	0	0	0	0	0	0	12	423	423	423	423	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	243,957	243,957	243,957	243,957	0	0	0	0	0	0	12	44	44	44	44	0	0	0	0	0	0
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
17	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	150	0	0	0	0	0	0	0	0
	Industrial Program																						
18	Process & System Upgrades	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
19	Monitoring & Targeting	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
20	Energy Manager	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
21	Retrofit	Verified											12										
	Adjustment to 2013 savings	True-up											12										
22	Demand Response 3	Verified																					
	Adjustment to 2013 savings	True-up																					
	Home Assistance Program																						
23	Home Assistance Program	Verified	384,041	381,518	381,267	338,439	317,422	296,928	294,282	294,282	142,029	140,952		32	32	32	29	28	27	27	27	19	18
	Adjustment to 2013 savings	True-up	258,001	256,093	255,919	222,070	205,839	189,609	188,428	188,428	68,158	67,329		19	19	19	17	16	15	15	15	9	8
	Aboriginal Program																						
24	Home Assistance Program	Verified																					
	Adjustment to 2013 savings	True-up																					
25	Direct Install Lighting	Verified											0										
	Adjustment to 2013 savings	True-up											0										
	Pre-2011 Programs completed in 2011																						
26	Electricity Retrofit Incentive Program	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
27	High Performance New Construction	Verified	1,899,180	1,899,180	1,899,180	1,899,180	1,899,180	1,899,180	1,899,180	1,899,180	1,899,180	1,899,180	12	286	286	286	286	286	286	286	286	286	286
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	-143	-143	-143	-143	-143	-143	-143	-143	-143	-143
28	Toronto Comprehensive	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Multifamily Energy Efficiency Rebates	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	LDC Custom Programs	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other																						
31	Program Enabled Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	LDC Pilots	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Actual CDM Savings in 2013		**43,871,822**											**9,242**									
	Forecast CDM Savings in 2013																						

Rate Allocations for LRAMVA

#	Program	Results Status	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
			kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	100.00%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																
10	Retrofit	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified		100%													100%
	Adjustment to 2013 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified		100%	100%												200%
	Adjustment to 2013 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified		100%	100%												200%
	Adjustment to 2013 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified															0%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
18	Process & System Upgrades	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																
23	Home Assistance Program	Verified	100%														100%
	Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																
24	Home Assistance Program	Verified															0%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified															0%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																
26	Electricity Retrofit Incentive Program	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
31	Program Enabled Savings	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified			100%												100%
	Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2013		**5,509,718**	**3,679,913**	**76,854**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2013		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2013		$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2013 from 2011 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2012 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2013 from 2013 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2013		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2013		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2013																**$0.00**
	2013 Savings Persisting in 2014		5,505,286	3,673,410	73,977	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2015		5,430,260	3,603,344	73,761	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2016		5,090,444	2,786,700	72,308	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2017		4,725,068	1,641,678	61,406	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2018		4,266,154	1,641,160	58,476	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2019		4,262,328	1,641,160	58,476	0	0	0	0	0	0	0	0	0	0	0	
	2013 Savings Persisting in 2020		4,261,203	1,640,683	58,342	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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#	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
			2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
	Consumer Program																						
1	Appliance Retirement	Verified	716,646	716,646	716,646	714,245	407,617	0	0	0	0	0		110	110	110	107	60	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
2	Appliance Exchange	Verified	107,507	107,507	107,507	107,507	0	0	0	0	0	0		60	60	60	60	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
3	HVAC Incentives	Verified	3,010,372	3,010,372	3,010,372	3,010,372	3,010,372	3,010,372	3,010,372	3,010,372	3,010,372	3,010,372		1,615	1,615	1,615	1,615	1,615	1,615	1,615	1,615	1,615	1,615
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
4	Conservation Instant Coupon Booklet	Verified	1,868,341	1,741,455	1,680,424	1,680,424	1,680,424	1,680,424	1,680,424	1,677,432	1,677,432	1,459,980		137	129	125	125	125	125	125	125	125	111
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
5	Bi-Annual Retailer Event	Verified	6,876,882	5,965,622	5,490,724	5,490,724	5,490,724	5,490,724	5,490,724	5,488,346	5,488,346	5,104,466		450	393	363	363	363	363	363	363	363	339
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
6	Retailer Co-op	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
7	Residential Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		2,370	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
9	Residential New Construction	Verified	459,558	459,558	459,558	459,558	459,558	459,558	459,558	459,558	459,558	459,558		59	59	59	59	59	59	59	59	59	59
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Business Program																						
10	Retrofit	Verified	34,825,481	34,817,816	34,817,816	33,859,621	33,835,191	33,831,847	32,416,481	32,416,481	31,273,546	25,033,875	12	5,592	5,589	5,589	5,331	5,326	5,326	5,127	5,127	4,853	4,012
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
11	Direct Install Lighting	Verified	8,627,005	8,609,406	6,653,408	5,049,479	5,049,479	5,049,479	5,049,479	5,049,479	5,049,479	5,049,479	12	2,269	2,265	1,756	1,284	1,284	1,284	1,284	1,284	1,284	1,284
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
12	Building Commissioning	Verified	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
13	New Construction	Verified	2,930,033	2,930,033	2,929,943	2,929,943	2,929,943	2,929,943	2,929,943	2,929,943	2,916,956	2,916,956	12	938	938	938	938	938	938	938	938	934	934
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
14	Energy Audit	Verified	1,436,019	1,436,019	1,436,019	1,436,019	0	0	0	0	0	0	12	294	294	294	294	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
15	Small Commercial Demand Response	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
16	Small Commercial Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
17	Demand Response 3	Verified	0	0	0	0	0	0	0	0	0	0		1,917	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Industrial Program																						
18	Process & System Upgrades	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
19	Monitoring & Targeting	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
20	Energy Manager	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
21	Retrofit	Verified											12										
	Adjustment to 2014 savings	True-up											12										
22	Demand Response 3	Verified																					
	Adjustment to 2014 savings	True-up																					
	Home Assistance Program																						
23	Home Assistance Program	Verified	388,673	388,397	340,942	318,006	295,101	295,101	292,253	292,149	123,602	122,684		30	30	27	26	25	25	25	25	16	15
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Aboriginal Program																						
24	Home Assistance Program	Verified																					
	Adjustment to 2014 savings	True-up																					
25	Direct Install Lighting	Verified											0										
	Adjustment to 2014 savings	True-up											0										
	Pre-2011 Programs completed in 2011																						
26	Electricity Retrofit Incentive Program	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
27	High Performance New Construction	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
28	Toronto Comprehensive	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Multifamily Energy Efficiency Rebates	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	LDC Custom Programs	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other																						
31	Program Enabled Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Time of Use Savings	Verified	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	LDC Pilots	Verified	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Actual CDM Savings in 2014		**61,246,517**											**15,840**									
	Forecast CDM Savings in 2014																						

Rate Allocations for LRAMVA

#	Program	Results Status	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
			kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Consumer Program																
1	Appliance Retirement	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																
10	Retrofit	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	0%	100%	0%												100%
	Adjustment to 2014 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0%	100%	100%												200%
	Adjustment to 2014 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified	0%	100%	100%												200%
	Adjustment to 2014 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0%	0%	0%												0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
18	Process & System Upgrades	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																
23	Home Assistance Program	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																
24	Home Assistance Program	Verified															0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified															0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																
26	Electricity Retrofit Incentive Program	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
31	Program Enabled Savings	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2014		**13,427,979**	**8,627,005**	**81,883**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2014		**22,228,164**	**6,993,000**	**319,193**	**169,801**	**3,758**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2014		$0.02310	$0.02070	$3.41250	$0.02160	$3.94840	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2014 from 2011 programs		$211,933.90	$45,064.89	$181,244.70	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$438,243.50
	Lost Revenue in 2014 from 2012 programs		$136,998.91	$69,867.05	$280,903.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$487,769.63
	Lost Revenue in 2014 from 2013 programs		$127,172.11	$76,039.59	$252,447.05	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$455,658.75
	Lost Revenue in 2014 from 2014 programs		$310,186.31	$178,579.00	$279,427.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$768,192.40
	Total Lost Revenues in 2014		**$786,291.23**	**$369,550.53**	**$994,022.52**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$2,149,864.28**
	Forecast Lost Revenues in 2014		**$513,470.59**	**$144,755.10**	**$1,089,246.11**	**$3,667.70**	**$14,838.09**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$1,765,977.59**
	LRAMVA in 2014																**$383,886.70**
	2014 Savings Persisting in 2015		12,389,558	8,609,406	81,857	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2016		11,806,173	6,653,408	81,857	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2017		11,780,836	5,049,479	78,760	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2018		11,343,796	5,049,479	75,173	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2019		10,936,178	5,049,479	75,161	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2020		10,933,331	5,049,479	72,781	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 4.0 (2020)

Legend

User Inputs (Green)

Auto Populated Cells (White)

Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 5-a. 2015 Lost Revenues Work Form

#	Program	Results Status	Net Energy Savings (kWh) 2015	Net Energy Savings Persistence (kWh) 2016	2017	2018	2019	2020	2021	2022	2023	2024	Monthly Multiplier	Net Demand Savings (kW) 2015	Net Peak Demand Savings Persistence (kW) 2016	2017	2018	2019	2020	2021	2022	2023	2024
	Legacy Framework																						
	Residential Program																						
1	Coupon Initiative	Verified																					
	Adjustment to 2015 savings	True-up																					
2	Bi-Annual Retailer Event Initiative	Verified																					
	Adjustment to 2015 savings	True-up																					
3	Appliance Retirement Initiative	Verified																					
	Adjustment to 2015 savings	True-up																					
4	HVAC Incentives Initiative	Verified																					
	Adjustment to 2015 savings	True-up																					
5	Residential New Construction and Major	Verified																					
	Adjustment to 2015 savings	True-up																					
	Commercial & Institutional Program																						
6	Energy Audit Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
8	Direct Install Lighting and Water Heating Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
9	New Construction and Major Renovation Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
10	Existing Building Commissioning Incentive Initiative	Verified											3										
	Adjustment to 2015 savings	True-up											3										
	Industrial Program																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
	Low Income Program																						
14	Low Income Initiative	Verified											12										
	Adjustment to 2015 savings	True-up											12										
	Other																						
15	Aboriginal Conservation Program	Verified											0										
	Adjustment to 2015 savings	True-up											0										
16	Program Enabled Savings	Verified											0										
	Adjustment to 2015 savings	True-up											0										
	Conservation Fund Pilots																						
17	Conservation Fund Pilot - EnerNOC	Verified											12										
	Adjustment to 2015 savings	True-up											12										
18	Loblaws Pilot	Verified											12										
	Adjustment to 2015 savings	True-up											12										
19	Conservation Fund Pilot - SEG	Verified											12										
	Adjustment to 2015 savings	True-up											12										
20	Social Benchmarking Pliot	Verified											12										
	Adjustment to 2015 savings	True-up											12										
	Conservation First Framework																						
	Residential Province-Wide Programs																						
21	Save on Energy Coupon Program	Verified																					
	Adjustment to 2015 savings	True-up																					
22	Save on Energy Heating and Cooling Program	Verified																					
	Adjustment to 2015 savings	True-up																					
23	Save on Energy New Construction Program	Verified																					
	Adjustment to 2015 savings	True-up																					
24	Save on Energy Home Assistance Program	Verified																					
	Adjustment to 2015 savings	True-up																					
	Non-Residential Province-Wide Programs																						
25	Save on Energy Audit Funding Program	Verified											12										
	Adjustment to 2015 savings	True-up											12										
26	Save on Energy Retrofit Program	Verified											12										
	Adjustment to 2015 savings	True-up											12										
27	Save on Energy Small Business Lighting Program	Verified											12										
	Adjustment to 2015 savings	True-up											12										
28	Save on Energy High Performance New Construction Program	Verified											12										
	Adjustment to 2015 savings	True-up											12										
29	Save on Energy Existing Building Commissioning Program	Verified											3										
	Adjustment to 2015 savings	True-up											3										
30	Save on Energy Process & Systems Upgrades Program	Verified											12										
	Adjustment to 2015 savings	True-up											12										

Rate Allocations for LRAMVA

#	Program	Results Status	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
			kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Legacy Framework																
	Residential Program																
1	Coupon Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																
6	Energy Audit Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																
14	Low Income Initiative	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
15	Aboriginal Conservation Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																
17	Conservation Fund Pilot - EnerNOC	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pliot	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																
	Residential Province-Wide Programs																
21	Save on Energy Coupon Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																
25	Save on Energy Audit Funding Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified															0%
	Adjustment to 2015 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

31	Save on Energy Monitoring & Targeting Program	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																			
33	Business Refrigeration Local Program	Verified		0																0%
	Adjustment to 2015 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified		0																0%
	Adjustment to 2015 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified		0																0%
	Adjustment to 2015 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																			
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																		0%
	Adjustment to 2015 savings	True-up				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2015		**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2015					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2015					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2015 from 2011 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2012 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2013 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2014 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2015 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2015					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2015					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2015																			**$0.00**
	2015 Savings Persisting in 2016					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2017					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2018					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2019					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2020					0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

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#	Program	Results Status	Net Energy Savings (kWh) 2016	Net Energy Savings Persistence (kWh) 2017	2018	2019	2020	2021	2022	2023	2024	2025	Monthly Multiplier	Net Demand Savings (kW) 2016	Net Peak Demand Savings Persistence (kW) 2017	2018	2019	2020	2021	2022	2023	2024	2025
	Legacy Framework																						
	Residential Program																						
1	Coupon Initiative	Verified																					
	Adjustment to 2016 savings	True-up																					
2	Bi-Annual Retailer Event Initiative	Verified																					
	Adjustment to 2016 savings	True-up																					
3	Appliance Retirement Initiative	Verified																					
	Adjustment to 2016 savings	True-up																					
4	HVAC Incentives Initiative	Verified																					
	Adjustment to 2016 savings	True-up																					
5	Residential New Construction and Major Renovation Initiative	Verified																					
	Adjustment to 2016 savings	True-up																					
	Commercial & Institutional Program																						
6	Energy Audit Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
8	Direct Install Lighting and Water Heating Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
9	New Construction and Major Renovation Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
10	Existing Building Commissioning Incentive Initiative	Verified											3										
	Adjustment to 2016 savings	True-up											3										
	Industrial Program																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
	Low Income Program																						
14	Low Income Initiative	Verified											12										
	Adjustment to 2016 savings	True-up											12										
	Other																						
15	Aboriginal Conservation Program	Verified											0										
	Adjustment to 2016 savings	True-up											0										
16	Program Enabled Savings	Verified											0										
	Adjustment to 2016 savings	True-up											0										
	Conservation Fund Pilots																						
17	Conservation Fund Pilot - EnerNOC	Verified											12										
	Adjustment to 2016 savings	True-up											12										
18	Loblaws Pilot	Verified											12										
	Adjustment to 2016 savings	True-up											12										
19	Conservation Fund Pilot - SEG	Verified											12										
	Adjustment to 2016 savings	True-up											12										
20	Social Benchmarking Pilot	Verified											12										
	Adjustment to 2016 savings	True-up											12										
	Conservation First Framework																						
	Residential Province-Wide Programs																						
21	Save on Energy Coupon Program	Verified																					
	Adjustment to 2016 savings	True-up																					
22	Save on Energy Heating and Cooling Program	Verified																					
	Adjustment to 2016 savings	True-up																					
23	Save on Energy New Construction Program	Verified																					
	Adjustment to 2016 savings	True-up																					
24	Save on Energy Home Assistance Program	Verified																					
	Adjustment to 2016 savings	True-up																					
	Non-Residential Province-Wide Programs																						
25	Save on Energy Audit Funding Program	Verified											12										
	Adjustment to 2016 savings	True-up											12										
26	Save on Energy Retrofit Program	Verified											12										
	Adjustment to 2016 savings	True-up											12										
27	Save on Energy Small Business Lighting Program	Verified											12										
	Adjustment to 2016 savings	True-up											12										
28	Save on Energy High Performance New Construction Program	Verified											12										
	Adjustment to 2016 savings	True-up											12										
29	Save on Energy Existing Building Commissioning Program	Verified											3										
	Adjustment to 2016 savings	True-up											3										
30	Save on Energy Process & Systems Upgrades Program	Verified											12										

#	Program	Results Status	Rate Allocations for LRAMVA: Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
	Legacy Framework		kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																
1	Coupon Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major Renovation Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																
6	Energy Audit Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																
14	Low Income Initiative	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
15	Aboriginal Conservation Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																
17	Conservation Fund Pilot - EnerNOC	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																
	Residential Province-Wide Programs																
21	Save on Energy Coupon Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																
25	Save on Energy Audit Funding Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified															0%
	Adjustment to 2016 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified															0%

	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																					
33	Business Refrigeration Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																					
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																					0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2016		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2016																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2016																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2016 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2016																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2016																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2016																																					**$0.00**
	2016 Savings Persisting in 2017																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2018																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																																					
1	Coupon Initiative	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major Renovation Initiative	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																					
6	Energy Audit Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified											3																									0%
	Adjustment to 2017 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																																					
14	Low Income Initiative	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
15	Aboriginal Conservation Program	Verified											0																									0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified											0																									0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																																					
17	Conservation Fund Pilot - EnerNOC	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																																					
	Residential Province-Wide Programs																																					
21	Save on Energy Coupon Program	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																									0%
	Adjustment to 2017 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

31	Save on Energy Monitoring & Targeting Program	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																					
33	Business Refrigeration Local Program	Verified											0																									0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																									0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																									0%
	Adjustment to 2017 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																					
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																				0%
	Adjustment to 2017 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																									0%
	Adjustment to 2017 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2017		**0**											**0**										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2017																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2017																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2017 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2017																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2017																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2017																																					**$0.00**
	2017 Savings Persisting in 2018																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2017 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2017 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form

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#	Program	Results Status	Net Energy Savings (kWh) 2018	Net Energy Savings Persistence (kWh) 2019	2020	2021	2022	2023	2024	2025	2026	2027	Monthly Multiplier	Net Demand Savings (kW) 2018	Net Peak Demand Savings Persistence (kW) 2019	2020	2021	2022	2023	2024	2025	2026	2027
	Legacy Framework																						
	Residential Program																						
1	Coupon Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
2	Bi-Annual Retailer Event Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
3	Appliance Retirement Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
4	HVAC Incentives Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
5	Residential New Construction and Major	Verified																					
	Adjustment to 2018 savings	True-up																					
	Commercial & Institutional Program																						
6	Energy Audit Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
8	Direct Install Lighting and Water Heating Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
9	New Construction and Major Renovation Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
10	Existing Building Commissioning Incentive Initiative	Verified											3										
	Adjustment to 2018 savings	True-up											3										
	Industrial Program																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
	Low Income Program																						
14	Low Income Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
	Other																						
15	Aboriginal Conservation Program	Verified											0										
	Adjustment to 2018 savings	True-up											0										
16	Program Enabled Savings	Verified											0										
	Adjustment to 2018 savings	True-up											0										
	Conservation Fund Pilots																						
17	Conservation Fund Pilot - EnerNOC	Verified											12										
	Adjustment to 2018 savings	True-up											12										
18	Loblaws Pilot	Verified											12										
	Adjustment to 2018 savings	True-up											12										
19	Conservation Fund Pilot - SEG	Verified											12										
	Adjustment to 2018 savings	True-up											12										
20	Social Benchmarking Pilot	Verified											12										
	Adjustment to 2018 savings	True-up											12										
	Conservation First Framework																						
	Residential Province-Wide Programs																						
21	Save on Energy Coupon Program	Verified																					
	Adjustment to 2018 savings	True-up																					
22	Save on Energy Heating and Cooling Program	Verified																					
	Adjustment to 2018 savings	True-up																					
23	Save on Energy New Construction Program	Verified																					
	Adjustment to 2018 savings	True-up																					
24	Save on Energy Home Assistance Program	Verified																					
	Adjustment to 2018 savings	True-up																					
	Non-Residential Province-Wide Programs																						
25	Save on Energy Audit Funding Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
26	Save on Energy Retrofit Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
27	Save on Energy Small Business Lighting Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
28	Save on Energy High Performance New Construction Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
29	Save on Energy Existing Building Commissioning Program	Verified											3										
	Adjustment to 2018 savings	True-up											3										
30	Save on Energy Process & Systems Upgrades Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										

#	Program	Results Status	Rate Allocations for LRAMVA: Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
			kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Legacy Framework																
	Residential Program																
1	Coupon Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																
6	Energy Audit Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																
14	Low Income Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
15	Aboriginal Conservation Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																
17	Conservation Fund Pilot - EnerNOC	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																
	Residential Province-Wide Programs																
21	Save on Energy Coupon Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																
25	Save on Energy Audit Funding Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

31	Save on Energy Monitoring & Targeting Program	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																			
33	Business Refrigeration Local Program	Verified		0																0%
	Adjustment to 2018 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified		0																0%
	Adjustment to 2018 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified		0																0%
	Adjustment to 2018 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																			
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																		0%
	Adjustment to 2018 savings	True-up				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2018		0		0	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2018					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2018					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2018 from 2011 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2012 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2013 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2014 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2015 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2016 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2017 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2018 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2018					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2018					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2018																			**$0.00**
	2018 Savings Persisting in 2019					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2018 Savings Persisting in 2020					0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														Total
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										
Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2019		0											0										**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2019																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2019																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2019 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2017 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2018 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2019 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Total Lost Revenues in 2019	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2019	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2019															**$0.00**
2019 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Legacy Framework																						
Actual CDM Savings in 2020		**0**											**0**									
Forecast CDM Savings in 2020																						

Program	Rate Allocations for LRAMVA														
	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Legacy Framework	kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2020	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2020	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2020	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2020 from 2011 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2012 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2013 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2014 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2015 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2016 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2017 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2018 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2019 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2020 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2020	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2020	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2020															**$0.00**

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
Carrying Charges by Rate Class

Version 4.0 (2020)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

Instructions

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	2.18%
2020 Q4	2.18%

Check OEB website

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2011				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-13	2011-2013	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-13	2011-2013	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-13	2011-2013	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**

Amount Cleared																		
Opening Balance for 2014				$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jan-14	2011-2014	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-14	2011-2014	Q1	0.12%	$27.85	$22.95	-$9.72	-$0.37	-$1.51	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$39.19
Mar-14	2011-2014	Q1	0.12%	$55.70	$45.90	-$19.44	-$0.75	-$3.03	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$78.38
Apr-14	2011-2014	Q2	0.12%	$83.55	$68.84	-$29.16	-$1.12	-$4.54	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$117.57
May-14	2011-2014	Q2	0.12%	$111.40	$91.79	-$38.88	-$1.50	-$6.06	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$156.75
Jun-14	2011-2014	Q2	0.12%	$139.25	$114.74	-$48.60	-$1.87	-$7.57	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$195.94
Jul-14	2011-2014	Q3	0.12%	$167.10	$137.69	-$58.32	-$2.25	-$9.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$235.13
Aug-14	2011-2014	Q3	0.12%	$194.95	$160.64	-$68.05	-$2.62	-$10.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$274.32
Sep-14	2011-2014	Q3	0.12%	$222.80	$183.58	-$77.77	-$3.00	-$12.12	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$313.51
Oct-14	2011-2014	Q4	0.12%	$250.65	$206.53	-$87.49	-$3.37	-$13.63	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$352.70
Nov-14	2011-2014	Q4	0.12%	$278.50	$229.48	-$97.21	-$3.74	-$15.15	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$391.88
Dec-14	2011-2014	Q4	0.12%	$306.35	$252.43	-$106.93	-$4.12	-$16.66	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$431.07
Total for 2014				$1,838.13	$1,514.56	-$641.57	-$24.71	-$99.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,586.44
Amount Cleared																		
Opening Balance for 2015				$1,838.13	$1,514.56	-$641.57	-$24.71	-$99.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,586.44
Jan-15	2011-2015	Q1	0.12%	$334.21	$275.37	-$116.65	-$4.49	-$18.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$470.26
Feb-15	2011-2015	Q1	0.12%	$334.21	$275.37	-$116.65	-$4.49	-$18.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$470.26
Mar-15	2011-2015	Q1	0.12%	$334.21	$275.37	-$116.65	-$4.49	-$18.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$470.26
Apr-15	2011-2015	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
May-15	2011-2015	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Jun-15	2011-2015	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Jul-15	2011-2015	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Aug-15	2011-2015	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Sep-15	2011-2015	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Oct-15	2011-2015	Q4	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Nov-15	2011-2015	Q4	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Dec-15	2011-2015	Q4	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Total for 2015				$5,091.52	$4,195.24	-$1,777.11	-$68.45	-$276.92	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7,164.29
Amount Cleared																		
Opening Balance for 2016				$5,091.52	$4,195.24	-$1,777.11	-$68.45	-$276.92	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7,164.29
Jan-16	2011-2016	Q1	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Feb-16	2011-2016	Q1	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Mar-16	2011-2016	Q1	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Apr-16	2011-2016	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
May-16	2011-2016	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Jun-16	2011-2016	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Jul-16	2011-2016	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Aug-16	2011-2016	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Sep-16	2011-2016	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Oct-16	2011-2016	Q4	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Nov-16	2011-2016	Q4	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Dec-16	2011-2016	Q4	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Total for 2016				$8,092.54	$6,667.99	-$2,824.57	-$108.79	-$440.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11,387.04
Amount Cleared																		
Opening Balance for 2017				$8,092.54	$6,667.99	-$2,824.57	-$108.79	-$440.13	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$11,387.04
Jan-17	2011-2017	Q1	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Feb-17	2011-2017	Q1	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Mar-17	2011-2017	Q1	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Apr-17	2011-2017	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
May-17	2011-2017	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Jun-17	2011-2017	Q2	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Jul-17	2011-2017	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Aug-17	2011-2017	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Sep-17	2011-2017	Q3	0.09%	$250.09	$206.06	-$87.29	-$3.36	-$13.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$351.90
Oct-17	2011-2017	Q4	0.13%	$341.03	$280.99	-$119.03	-$4.58	-$18.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$479.86
Nov-17	2011-2017	Q4	0.13%	$341.03	$280.99	-$119.03	-$4.58	-$18.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$479.86
Dec-17	2011-2017	Q4	0.13%	$341.03	$280.99	-$119.03	-$4.58	-$18.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$479.86
Total for 2017				$11,366.39	$9,365.54	-$3,967.25	-$152.81	-$618.19	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$15,993.68
Amount Cleared																		
Opening Balance for 2018				$11,366.39	$9,365.54	-$3,967.25	-$152.81	-$618.19	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$15,993.68
Jan-18	2011-2018	Q1	0.13%	$341.03	$280.99	-$119.03	-$4.58	-$18.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$479.86
Feb-18	2011-2018	Q1	0.13%	$341.03	$280.99	-$119.03	-$4.58	-$18.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$479.86
Mar-18	2011-2018	Q1	0.13%	$341.03	$280.99	-$119.03	-$4.58	-$18.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$479.86
Apr-18	2011-2018	Q2	0.16%	$429.69	$354.05	-$149.98	-$5.78	-$23.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$604.62
May-18	2011-2018	Q2	0.16%	$429.69	$354.05	-$149.98	-$5.78	-$23.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$604.62
Jun-18	2011-2018	Q2	0.16%	$429.69	$354.05	-$149.98	-$5.78	-$23.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$604.62
Jul-18	2011-2018	Q3	0.16%	$429.69	$354.05	-$149.98	-$5.78	-$23.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$604.62
Aug-18	2011-2018	Q3	0.16%	$429.69	$354.05	-$149.98	-$5.78	-$23.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$604.62
Sep-18	2011-2018	Q3	0.16%	$429.69	$354.05	-$149.98	-$5.78	-$23.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$604.62
Oct-18	2011-2018	Q4	0.18%	$493.35	$406.51	-$172.20	-$6.63	-$26.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$694.20
Nov-18	2011-2018	Q4	0.18%	$493.35	$406.51	-$172.20	-$6.63	-$26.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$694.20
Dec-18	2011-2018	Q4	0.18%	$493.35	$406.51	-$172.20	-$6.63	-$26.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$694.20
Total for 2018				$16,447.67	$13,552.35	-$5,740.79	-$221.12	-$894.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$23,143.57
Amount Cleared																		
Opening Balance for 2019				$16,447.67	$13,552.35	-$5,740.79	-$221.12	-$894.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$23,143.57
Jan-19	2011-2019	Q1	0.20%	$557.01	$458.96	-$194.41	-$7.49	-$30.29	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$783.77
Feb-19	2011-2019	Q1	0.20%	$557.01	$458.96	-$194.41	-$7.49	-$30.29	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$783.77
Mar-19	2011-2019	Q1	0.20%	$557.01	$458.96	-$194.41	-$7.49	-$30.29	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$783.77
Apr-19	2011-2019	Q2	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39

May-19	2011-2019	Q2	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Jun-19	2011-2019	Q2	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Jul-19	2011-2019	Q3	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Aug-19	2011-2019	Q3	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Sep-19	2011-2019	Q3	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Oct-19	2011-2019	Q4	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Nov-19	2011-2019	Q4	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Dec-19	2011-2019	Q4	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Total for 2019				**$22,579.32**	**$18,604.63**	**-$7,880.94**	**-$303.55**	**-$1,228.04**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$31,771.42**
Amount Cleared																		
Opening Balance for 2020				**$22,579.32**	**$18,604.63**	**-$7,880.94**	**-$303.55**	**-$1,228.04**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$31,771.42**
Jan-20	2011-2020	Q1	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Feb-20	2011-2020	Q1	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Mar-20	2011-2020	Q1	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Apr-20	2011-2020	Q2	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
May-20	2011-2020	Q2	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Jun-20	2011-2020	Q2	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Jul-20	2011-2020	Q3	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Aug-20	2011-2020	Q3	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Sep-20	2011-2020	Q3	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Oct-20	2011-2020	Q4	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Nov-20	2011-2020	Q4	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Dec-20	2011-2020	Q4	0.18%	$495.62	$408.38	-$172.99	-$6.66	-$26.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$697.39
Total for 2020				**$28,526.81**	**$23,505.17**	**-$9,956.82**	**-$383.50**	**-$1,551.51**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$40,140.15**
Amount Cleared																		

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LRAMVA Work Form:
Checklist and Schematic

Version 4.0 (2020)

General Note on the LRAMVA Model

The LRAMVA work form has been created in a generic manner that should allow for use by all LDCs. There are some elements that are not applicable at this time (i.e., 2019 and 2020 related components). These have been included (but hidden in the work form) in an effort to avoid major updates in the future. This LRAMVA work form consolidates information that LDCs are already required to file with the OEB. The model has been created to provide LDCs with a consistent format to display CDM impacts, the forecast savings component and, ultimately, any variance between actual CDM savings and forecast CDM savings. The majority of the information required in the LRAMVA work form will be provided to LDCs from the IESO as part of the Final CDM Results each year. Please contact the IESO for any reports that may be required to complete this LRAMVA work form.

The LRAMVA work form is unlocked to enable LDCs to tailor it to their own unique circumstances.

LRAMVA ($) = (Actual Net CDM Savings - Forecast CDM Savings) x Distribution Volumetric Rate + Carrying Charges from LRAMVA balance

Legend

Drop Down List (Blue)

Important Checklist

Yes	o Highlight changes to this work form made by the LDC, if any, and provide rationale for the change in Tab 1-a
Yes	o Include any necessary assumptions the LDC has to make in its LRAMVA work form in the "Notes" section of the work form
Yes	o Provide documentation on the LRAMVA threshold by providing the reference and source material from the LDC's cost of service proceeding where its most recent load forecast was approved
Yes	o Include a copy of initiative-level persistence savings information that was verified by the IESO in Tab 7. Persistence information is available upon request from the IESO
Yes	o Apply the IESO verified savings adjustments to the year it relates to.
Not Applicable	o Provide documentation or data substantiating savings from projects that were not provided in the IESO's verified results reports, inserted in Tab 8 (i.e., streetlighting projects), as applicable
Yes	o Provide documentation or analysis on how rate class allocations were determined by customer class and program each year, inserted in Tab 3-a

Work Form Calculations	Source of Calculation	Inputs (Tables to Complete)	Source of Data Inputs	Outputs of Data (Auto-Populated)
Actual Incremental CDM Savings by Initiative	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D & O)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+/- IESO Verified Savings Adjustments	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns D-M & Columns O-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
+ Initiative Level Savings Persistence	Tab "4. 2011-2014 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns E-M & Columns P-X)	IESO Verified Persistence Results Reports included in Tab 7 (Columns L to BT).	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AL)
x Allocation % to Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tables 4-a to 4-d / 5-a to 5-f (Columns Y-AJ)	Determined by the LDC	
Actual Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			
- Forecast Lost Revenues (kWh and kW) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"	Tab "2. LRAMVA Threshold" Tables 2-a, 2-b and 2-c		
x Distribution Rate by Rate Class	Tab "3. Distribution Rates"	Table 3	LDC's Approved Tariff Sheets	
LRAMVA ($) by Rate Class	Tabs "4. 2011-2014 LRAM" and "5. 2015-2020 LRAM"			Tables 1-a and 1-b
+ Carrying Charges ($) by Rate Class	Tabs "1. LRAMVA Summary" and "6. Carrying Charges"	Table 6		Table 6-a
Total LRAMVA ($) by Rate Class	Tab "1. LRAMVA Summary"			

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LRAMVA Work Form: Summary Tab

Version 4.0 (2020)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

LDC Name Hydro Ottawa Limited

Application Details

Please fill in the requested information: a) the amounts approved in the previous LRAMVA application, b) details on the current application, and c) documentation of changes if applicable.

A. Previous LRAMVA Application

Previous LRAMVA Application (EB#)	EB-2015-0004
Application of Previous LRAMVA Claim	2016 COS/IRM Application
Period of LRAMVA Claimed in Previous Application	2011-2013
Amount of LRAMVA Claimed in Previous Application	-$ 687,335.50

B. Current LRAMVA Application

Current LRAMVA Application (EB#)	EB-2019-0261
Application of Current LRAMVA Claim	2021 COS/IRM Application
Period of New LRAMVA in this Application	2014-2014
Period of Rate Recovery (# years)	1

Actual Lost Revenues ($)	A	**$ 60,562**
Forecast Lost Revenues ($)	B	**$ -**
Carrying Charges ($)	C	**$ 7,223**
LRAMVA ($) for Account 1568	A-B+C	**$ 67,785**

C. Documentation of Changes

Original Amount	$ -
Amount for Final Disposition	$ 491,811.67

Table 1-a. LRAMVA Totals by Rate Class

Please input the customer rate classes applicable to the LDC and associated billing units (kWh or kW) in Table 1-a below. This will update all tables throughout the workform.

The LRAMVA total by rate class in Table 1-a should be used to inform the determination of rate riders in the Deferral and Variance Account Work Form or IRM Rate Generator Model. Please also ensure that the principal amounts in column E of Table 1-a capture the appropriate years and amounts for the LRAMVA claim. Column F of Table 1-a should include projected carrying charges amounts as determined on a rate class basis from Table 1-b below.

NOTE: If the LDC has more than 14 customer classes in which CDM savings was allocated, LDCs must contact OEB staff to make adjustments to the workform.

Customer Class	Billing Unit	Principal ($)	Carrying Charges ($)	Total LRAMVA ($)
Residential	kWh	$9,932	$1,184	$11,116
GS<50 kW	kWh	$491	$59	$549
Commercial 50 kW to Large Use	kW	$50,140	$5,980	$56,120
Unmetered Scattered Load	kWh	$0	$0	$0
Street Lighting	kW	$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
		$0	$0	$0
Total		**$60,562**	**$7,223**	**$67,785**

Table 1-b. Annual LRAMVA Breakdown by Year and Rate Class

In column C of Table 1-b below, please insert a 'check mark' to indicate the years in which LRAMVA has been claimed. If you inserted a check-mark for a particular year, please delete the amounts associated with the actual and forecast lost revenues for all rate classes for that year, up to and including the total. Any LRAMVA from a prior year that has already been claimed cannot be included in the current LRAMVA disposition, with the exception of the case noted below.

If LDCs are seeking to claim true-up amounts that were previously approved by the OEB, please note that the "Amount Cleared" rows are applicable to the LDC and should be filled out. This may relate to claiming the difference in LRAM approved before the May 19, 2016 Peak Demand Consultation, and the lost revenues that would have been incurred after that consultation, as approved by the OEB. If this is the case, reference to the decision must be noted in the rate application. If this is not the case, LDCs are requested to leave those rows blank.

LDCs are expected to include projected carrying charges amounts in row 84 of Table 1-b below. LDCs should also check accuracy of the years included in the LRAMVA balance in row 85.

Description	LRAMVA Previously Claimed	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
		kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
2011 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2011 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2012 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2012 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2013 Actuals	☑	$9,931.57	$490.52	$50,139.94	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$60,562.03
2013 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2014 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2014 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2015 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2015 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2016 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2016 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2017 Actuals	☐	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2017 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
2018 Actuals		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
2018 Forecast		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Amount Cleared																
Carrying Charges		$1,184.46	$58.50	$5,979.81	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7,222.78
Total LRAMVA Balance		**$11,116**	**$549**	**$56,120**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$67,785**

Note: LDC to make note of assumptions included above, if any

Ontario Energy Board

LRAMVA Work Form: Summary of Changes

Version 4.0 (2020)

Legend	
	User Inputs (Green)
	Drop Down List (Blue)
	Instructions (Grey)

Table A-1. Changes to Generic Assumptions in LRAMVA Work Form

Please document any changes in assumptions made to the generic inputs of the LRAMVA work form. This may include, but are not limited to, the use of different monthly multipliers to claim demand savings from energy efficiency programs; use of different rate allocations between current year savings and prior year savings adjustments; inclusion of additional adjustments affecting distribution rates; etc. All changes should be highlighted in the work form as well.

No.	Tab	Cell Reference	Description	Rationale
1	7. Persistence Data	Row D	Correct Initiative name so that consistent through years, for example HVCA to always be HVAC Incentives. Bolded changed items and added comment.	In order to have sumifs formulas work, as Persistence report used a slightly different description.
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Table A-2. Updates to LRAMVA Disposition

Please document any changes related to interrogatories or questions during the application process that affect the LRAMVA amount.

No.	Tab	Cell Reference	Description	Rationale
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
etc.				

Ontario Energy Board

LRAMVA Work Form:
Forecast Lost Revenues

Version 4.0 (2020)

Legend

	User Inputs (Green)
	Drop Down List (Blue)
	Auto Populated Cells (White)
	Instructions (Grey)

Table 2-a. LRAMVA Threshold 2013

Please provide the LRAMVA threshold approved in the cost of service (COS) application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold	
Source of Threshold	20XX Settlement Agreement, p. X

Table 2-b. LRAMVA Threshold

Please provide the LRAMVA threshold approved in the last COS application, which is used as the comparator against actual savings in the period of the LRAMVA claim. The LRAMVA threshold should generally be consistent with the annualized savings targets developed from Appendix 2-I. If a manual update is required to reflect a different allocation of forecast savings that was approved by the OEB, please note the changes and provide rationale for the change in Tab 1-a.

	Total	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
kWh	0														
kW	0														
Summary		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Years Included in Threshold	
Source of Threshold	20XX Settlement Agreement, p. X

Table 2-c. Inputs for LRAMVA Thresholds

Please complete Table 2-c below by selecting the appropriate LRAMVA threshold year in column C. The LRAMVA threshold values in Table 2-c will auto-populate from Tables 2-a and 2-b depending on the year selected. If there was no LRAMVA threshold established for a particular year, please select the "blank" option. The LRAMVA threshold values in Table 2-c will be auto-populated in Tabs 4 and 5 of this work form.

Year	LRAMVA Threshold	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
		kWh	kWh	kW	kWh	kW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: LDC to make note of assumptions included above, if any

Ontario Energy Board

LRAMVA Work Form: Distribution Rates

Version 4.0 (2020)

Table 3. Inputs for Distribution Rates and Adjustments by Rate Class

Please complete Table 3 with the rate class specific distribution rates that pertain to the years of the LRAMVA disposition. Any adjustments that affect distribution rates can be incorporated in the calculation by expanding the "plus" button at the left hand bar. Table 3 will convert the distribution rates to a calendar year rate (January to December) based on the number of months entered in row 16 of each rate year starting from January to the start of the LDC's rate year. Please enter 0 in row 16, if the rate year begins on January 1. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas in Table 3-a accordingly.

	Billing Unit	EB-2009-XXXX	EB-2010-XXXX	EB-2011-XXXX	EB-2012-0138	EB-2013-XXXX	EB-2014-XXXX	EB-2015-XXXX	EB-2016-XXXX	EB-2017-XXXX	EB-2018-XXXX	EB-2019-XXXX	EB-2020-XXXX
Rate Year		2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Period 1 (# months)													
Period 2 (# months)		*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*	*12*
Residential					$ 0.0228								
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		$ -	$ -	$ -	$ 0.0228	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ 0.0228**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
GS<50 kW					$ 0.0204								
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		$ -	$ -	$ -	$ 0.0204	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ 0.0204**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Commercial 50 kW to Large Use					$ 3.3654								
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		$ -	$ -	$ -	$ 3.3654	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ 3.3654**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Unmetered Scattered Load					$ 0.0213								
Rate rider for tax sharing													
Rate rider for foregone revenue	kWh												
Other													
Adjusted rate		$ -	$ -	$ -	$ 0.0213	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ 0.0213**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Street Lighting					$ 3.8939								
Rate rider for tax sharing													
Rate rider for foregone revenue	kW												
Other													
Adjusted rate		$ -	$ -	$ -	$ 3.8939	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ 3.8939**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

0													
Rate rider for tax sharing													
Rate rider for foregone revenue	0												
Other													
Adjusted rate		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Calendar year equivalent			**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	

Note: LDC to make note of adjustments made to Table 3 to accommodate the LDC's specific circumstances

Table 3-a. Distribution Rates by Rate Class

Table 3-a below autopopulates the average distribution rates from Table 3. Please ensure that the distribution rates relevant to the years of the LRAMVA disposition are used. **Please clear the rates related to the year(s) that are not part of the LRAMVA claim.**

The distribution rates that remain in Table 3-a will be used in Tabs 4 and 5 of the work form to calculate actual and forecast lost revenues. If there are additional adjustments (i.e., rows) added to Table 3, please adjust the formulas from Table 3-a, as well as the distribution rate links in Tabs 4 and 5.

Year	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting									
	kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0
2011	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2012	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2013	$0.0228	$0.0204	$3.3654	$0.0213	$3.8939	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2014	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2015	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2016	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2017	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
2018	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000

Note: LDC to make note of the years removed from this table, whose distribution rates are not part of the LRAMVA disposition

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Ontario Energy Board

LRAMVA Work Form:
2011 - 2014 Lost Revenues Work Form

Version 4.0 (2020)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2011-2014 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2012 programs that were reported by the IESO in 2013 should be included in the 2012 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 4-a. 2011 Lost Revenues Work Form

#	Program	Results Status	Net Energy Savings (kWh) 2011	Net Energy Savings Persistence (kWh) 2012	2013	2014	2015	2016	2017	2018	2019	2020	Monthly Multiplier	Net Demand Savings (kW) 2011	Net Peak Demand Savings Persistence (kW) 2012	2013	2014	2015	2016	2017	2018	2019	2020	Rate Allocations for LRAMVA: Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
	Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1	Appliance Retirement	Verified																						100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified																						100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified																						100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified																						100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified																						100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	0	0	0	0	0	0	0	0	0	0												100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified																						100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	13,234	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	0	0	0	0	0	0	0	0	0	0												100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	0	0	0	0	0	0	0	0	0	0												100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																																					
10	Retrofit	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified											12											0.00%	100.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified											3											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	6,110	6,110	6,110	6,110	0	0	0	0	0	0	12	1	1	1	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified																						0.00%	100.00%	100.00%												200%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified																						0.00%	100.00%	100.00%												200%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified																						0.00%	0.00%	0.00%												0%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
18	Process & System Upgrades	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified																						0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																																					
23	Home Assistance Program	Verified																						100.00%	0.00%	0.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																																					
24	Home Assistance Program	Verified																																				0%
	Adjustment to 2011 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified											0																									0%
	Adjustment to 2011 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																																					
26	Electricity Retrofit Incentive Program	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified											0											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified											0											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified											0											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
31	Program Enabled Savings	Verified											0											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified											0											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified											12											0.00%	0.00%	100.00%												100%
	Adjustment to 2011 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2011		**6,110**											**1**										**0**	**0**	**15**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2011																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2011																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2011 from 2011 programs																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2011																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2011																																					**$0.00**
	2011 Savings Persisting in 2012																							0	0	15	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2013																							0	0	15	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2014																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2015																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2016																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2017																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2018																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2011 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-b. 2012 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Consumer Program																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1 Appliance Retirement	Verified											0											100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Appliance Exchange	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3 HVAC Incentives	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	2,828	2,828	2,828	2,828	2,828	2,828	2,828	2,828	2,828	2,828		2	2	2	2	2	2	2	2	2	2	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4 Conservation Instant Coupon Booklet	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5 Bi-Annual Retailer Event	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6 Retailer Co-op	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7 Residential Demand Response	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	2,049	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8 Residential Demand Response (IHD)	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9 Residential New Construction	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Business Program																																					
10 Retrofit	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	1,225,939	1,225,939	1,225,939	1,225,939	1,225,939	1,091,673	1,076,079	1,076,079	1,007,090	887,674	12	221	221	221	221	221	180	176	176	170	147	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 Direct Install Lighting	Verified											12											0.00%	100.00%	0.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12 Building Commissioning	Verified											3											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13 New Construction	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14 Energy Audit	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	21,351	21,351	21,351	21,351	0	0	0	0	0	0	12	4	4	4	4	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15 Small Commercial Demand Response	Verified																						0.00%	100.00%	100.00%												200%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16 Small Commercial Demand Response (IHD)	Verified																						0.00%	100.00%	100.00%												200%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17 Demand Response 3	Verified																						0.00%	0.00%	0.00%												0%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program																																					
18 Process & System Upgrades	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19 Monitoring & Targeting	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20 Energy Manager	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	561,605	561,605	561,605	561,605	561,605	561,605	561,605	561,605	561,605	543,608	12	64	64	64	64	64	64	64	64	64	59	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21 Retrofit	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up											12											0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22 Demand Response 3	Verified																						0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Home Assistance Program																																					
23 Home Assistance Program	Verified																						100.00%	0.00%	0.00%												100%
Adjustment to 2012 savings	True-up	32,012	32,012	31,719	31,329	27,365	25,384	23,554	21,204	21,056	6,356		2	2	2	2	2	2	2	1	1	1	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Aboriginal Program																																					
24 Home Assistance Program	Verified																																				0%
Adjustment to 2012 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25 Direct Install Lighting	Verified											0																									0%
Adjustment to 2012 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pre-2011 Programs completed in 2011																																					
26 Electricity Retrofit Incentive Program	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27 High Performance New Construction	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Toronto Comprehensive	Verified											0											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Multifamily Energy Efficiency Rebates	Verified											0											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30 LDC Custom Programs	Verified											0											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other																																					
31 Program Enabled Savings	Verified											0											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Time of Use Savings	Verified											0											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 LDC Pilots	Verified											12											0.00%	0.00%	100.00%												100%
Adjustment to 2012 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2012		**1,843,734**											**293**										**34,839**	**0**	**3,478**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2012																							**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2012																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2012 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2012 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2012																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2012																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2012																																					**$0.00**
2012 Savings Persisting in 2013																							34,839	0	3,478	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2014																							34,546	0	3,478	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2015																							34,157	0	3,478	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2016																							30,193	0	3,426	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2017																							28,212	0	2,927	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2018																							26,381	0	2,888	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2019																							24,031	0	2,888	0	0	0	0	0	0	0	0	0	0	0	
2012 Savings Persisting in 2020																							23,883	0	2,805	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-c. 2013 Lost Revenues Work Form

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Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Consumer Program																						
1 Appliance Retirement	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
2 Appliance Exchange	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
3 HVAC Incentives	Verified																					
Adjustment to 2013 savings	True-up	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436		80	80	80	80	80	80	80	80	80	80
4 Conservation Instant Coupon Booklet	Verified																					
Adjustment to 2013 savings	True-up	1,319	1,319	1,255	1,085	1,085	1,085	1,085	1,085	911	911		0	0	0	0	0	0	0	0	0	0
5 Bi-Annual Retailer Event	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
6 Retailer Co-op	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
7 Residential Demand Response	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	2,879	0	0	0	0	0	0	0	0
8 Residential Demand Response (IHD)	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
9 Residential New Construction	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
Business Program																						
10 Retrofit	Verified											12										
Adjustment to 2013 savings	True-up	3,603,293	3,593,315	3,593,315	3,592,465	3,550,323	3,464,136	3,464,136	3,442,787	3,390,398	2,882,907	12	582	579	579	579	567	548	548	546	534	428
11 Direct Install Lighting	Verified											12										
Adjustment to 2013 savings	True-up	24,045	24,045	24,045	19,359	13,510	13,510	13,510	13,510	13,510	13,510	12	7	7	7	6	4	4	4	4	4	4
12 Building Commissioning	Verified											3										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
13 New Construction	Verified											12										
Adjustment to 2013 savings	True-up	272,381	272,381	272,381	272,381	272,381	272,381	272,381	272,381	204,476	204,476	12	190	190	190	190	190	190	190	190	170	170
14 Energy Audit	Verified											12										
Adjustment to 2013 savings	True-up	243,957	243,957	243,957	243,957	0	0	0	0	0	0	12	44	44	44	44	0	0	0	0	0	0
15 Small Commercial Demand Response	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
16 Small Commercial Demand Response (IHD)	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
17 Demand Response 3	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
Industrial Program																						
18 Process & System Upgrades	Verified											12										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
19 Monitoring & Targeting	Verified											12										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
20 Energy Manager	Verified											12										
Adjustment to 2013 savings	True-up	846,892	1,141,184	1,141,184	1,445,846	1,486,785	1,605,151	1,605,151	1,605,151	1,588,614	1,522,433	12	134	182	182	210	223	210	210	210	206	199
21 Retrofit	Verified											12										
Adjustment to 2013 savings	True-up											12										
22 Demand Response 3	Verified																					
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
Home Assistance Program																						
23 Home Assistance Program	Verified																					
Adjustment to 2013 savings	True-up	258,001	256,093	255,919	222,070	205,839	189,609	188,428	188,428	68,158	67,329		19	19	19	17	16	15	15	15	9	8
Aboriginal Program																						
24 Home Assistance Program	Verified																					
Adjustment to 2013 savings	True-up																					
25 Direct Install Lighting	Verified											0										
Adjustment to 2013 savings	True-up											0										
Pre-2011 Programs completed in 2011																						
26 Electricity Retrofit Incentive Program	Verified											12										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
27 High Performance New Construction	Verified											12										
Adjustment to 2013 savings	True-up	-949,590	-949,590	-949,590	-949,590	-949,590	-949,590	-949,590	-949,590	-949,590	-949,590	12	0	0	0	0	0	0	0	0	0	0
28 Toronto Comprehensive	Verified											0										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 Multifamily Energy Efficiency Rebates	Verified											0										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30 LDC Custom Programs	Verified											0										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other																						
31 Program Enabled Savings	Verified											0										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32 Time of Use Savings	Verified											0										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 LDC Pilots	Verified											12										
Adjustment to 2013 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
Actual CDM Savings in 2013		**4,441,735**											**1,056**									
Forecast CDM Savings in 2013																						

Program	Results Status	Rate Allocations for LRAMVA														
		Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Consumer Program		kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
1 Appliance Retirement	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2 Appliance Exchange	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3 HVAC Incentives	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4 Conservation Instant Coupon Booklet	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5 Bi-Annual Retailer Event	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6 Retailer Co-op	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7 Residential Demand Response	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8 Residential Demand Response (IHD)	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9 Residential New Construction	Verified	100.00%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Business Program																
10 Retrofit	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11 Direct Install Lighting	Verified		100%													100%
Adjustment to 2013 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12 Building Commissioning	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13 New Construction	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14 Energy Audit	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15 Small Commercial Demand Response	Verified		100%	100%												200%
Adjustment to 2013 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16 Small Commercial Demand Response (IHD)	Verified		100%	100%												200%
Adjustment to 2013 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17 Demand Response 3	Verified															0%
Adjustment to 2013 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Industrial Program																
18 Process & System Upgrades	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19 Monitoring & Targeting	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20 Energy Manager	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21 Retrofit	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22 Demand Response 3	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Home Assistance Program																
23 Home Assistance Program	Verified	100%														100%
Adjustment to 2013 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Aboriginal Program																
24 Home Assistance Program	Verified															0%
Adjustment to 2013 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25 Direct Install Lighting	Verified															0%
Adjustment to 2013 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Pre-2011 Programs completed in 2011																
26 Electricity Retrofit Incentive Program	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27 High Performance New Construction	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28 Toronto Comprehensive	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29 Multifamily Energy Efficiency Rebates	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30 LDC Custom Programs	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Other																
31 Program Enabled Savings	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32 Time of Use Savings	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33 LDC Pilots	Verified			100%												100%
Adjustment to 2013 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Actual CDM Savings in 2013		**400,756**	**24,045**	**11,406**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2013		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2013		$0.02280	$0.02040	$3.36540	$0.02130	$3.89390	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2013 from 2011 programs		$0.00	$0.00	$49.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$49.83
Lost Revenue in 2013 from 2012 programs		$794.33	$0.00	$11,703.60	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$12,497.93
Lost Revenue in 2013 from 2013 programs		$9,137.23	$490.52	$38,386.51	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$48,014.27
Total Lost Revenues in 2013		**$9,931.57**	**$490.52**	**$50,139.94**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$60,562.03**
Forecast Lost Revenues in 2013		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2013																**$60,562.03**
2013 Savings Persisting in 2014		398,847	24,045	11,951	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2015		398,610	24,045	11,951	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2016		364,590	19,359	12,278	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2017		348,360	13,510	11,766	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2018		332,129	13,510	11,370	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2019		330,949	13,510	11,370	0	0	0	0	0	0	0	0	0	0	0	
2013 Savings Persisting in 2020		330,949	13,510	11,345	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 4-d. 2014 Lost Revenues Work Form

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#	Program	Results Status	Net Energy Savings (kWh) 2014	Net Energy Savings Persistence (kWh) 2015	2016	2017	2018	2019	2020	2021	2022	2023	Monthly Multiplier	Net Demand Savings (kW) 2014	Net Peak Demand Savings Persistence (kW) 2015	2016	2017	2018	2019	2020	2021	2022	2023
	Consumer Program																						
1	Appliance Retirement	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
2	Appliance Exchange	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
3	HVAC Incentives	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
4	Conservation Instant Coupon Booklet	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
5	Bi-Annual Retailer Event	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
6	Retailer Co-op	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
7	Residential Demand Response	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
8	Residential Demand Response (IHD)	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
9	Residential New Construction	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Business Program																						
10	Retrofit	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
11	Direct Install Lighting	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
12	Building Commissioning	Verified											3										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
13	New Construction	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
14	Energy Audit	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
15	Small Commercial Demand Response	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
16	Small Commercial Demand Response (IHD)	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
17	Demand Response 3	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Industrial Program																						
18	Process & System Upgrades	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
19	Monitoring & Targeting	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
20	Energy Manager	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
21	Retrofit	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
22	Demand Response 3	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Home Assistance Program																						
23	Home Assistance Program	Verified																					
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
	Aboriginal Program																						
24	Home Assistance Program	Verified																					
	Adjustment to 2014 savings	True-up																					
25	Direct Install Lighting	Verified											0										
	Adjustment to 2014 savings	True-up											0										
	Pre-2011 Programs completed in 2011																						
26	Electricity Retrofit Incentive Program	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
27	High Performance New Construction	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
28	Toronto Comprehensive	Verified											0										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Multifamily Energy Efficiency Rebates	Verified											0										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	LDC Custom Programs	Verified											0										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Other																						
31	Program Enabled Savings	Verified											0										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Time of Use Savings	Verified											0										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	LDC Pilots	Verified											12										
	Adjustment to 2014 savings	True-up	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0
	Actual CDM Savings in 2014		**0**											**0**									
	Forecast CDM Savings in 2014																						

#	Program	Results Status	Rate Allocations for LRAMVA: Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
			kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Consumer Program																
1	Appliance Retirement	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Appliance Exchange	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	HVAC Incentives	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Conservation Instant Coupon Booklet	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Bi-Annual Retailer Event	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Retailer Co-op	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Residential Demand Response	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Residential Demand Response (IHD)	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	Residential New Construction	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Business Program																
10	Retrofit	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
11	Direct Install Lighting	Verified	0%	100%	0%												100%
	Adjustment to 2014 savings	True-up	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Building Commissioning	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	New Construction	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
14	Energy Audit	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Small Commercial Demand Response	Verified	0%	100%	100%												200%
	Adjustment to 2014 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Small Commercial Demand Response (IHD)	Verified	0%	100%	100%												200%
	Adjustment to 2014 savings	True-up	0.00%	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
17	Demand Response 3	Verified	0%	0%	0%												0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
18	Process & System Upgrades	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Monitoring & Targeting	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Energy Manager	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
21	Retrofit	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Demand Response 3	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Home Assistance Program																
23	Home Assistance Program	Verified	100%	0%	0%												100%
	Adjustment to 2014 savings	True-up	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Aboriginal Program																
24	Home Assistance Program	Verified															0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
25	Direct Install Lighting	Verified															0%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pre-2011 Programs completed in 2011																
26	Electricity Retrofit Incentive Program	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	High Performance New Construction	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Toronto Comprehensive	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Multifamily Energy Efficiency Rebates	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	LDC Custom Programs	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
31	Program Enabled Savings	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Time of Use Savings	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
33	LDC Pilots	Verified	0%	0%	100%												100%
	Adjustment to 2014 savings	True-up	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2014		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2014		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2014		$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2014 from 2011 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2012 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2013 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2014 from 2014 programs		$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2014		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2014		**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2014																**$0.00**
	2014 Savings Persisting in 2015		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2016		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2017		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2018		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2019		0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2014 Savings Persisting in 2020		0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Ontario Energy Board

LRAMVA Work Form:
2015 - 2020 Lost Revenues Work Form

Version 4.0 (2020)

Legend

User Inputs (Green)
Auto Populated Cells (White)
Instructions (Grey)

Instructions

1. LDCs can apply for disposition of LRAMVA amounts at any time, but at a minimum, must do so as part of a cost of service (COS) application. The following LRAMVA work forms apply to LDCs that need to recover lost revenues from the 2015-2020 period. Please input or manually link the savings, adjustments and program savings persistence data in these tables from the LDC's Persistence Reports provided by the IESO (in Tab 7). As noted earlier, persistence data is available upon request from the IESO. Please also be advised that the same rate classes (of up to 14) are carried over from the Summary Tab 1.

2. Please ensure that the IESO verified savings adjustments apply back to the program year it relates to. For example, savings adjustments related to 2016 programs that were reported by the IESO in 2017 should be included in the 2016 program savings table. In order for persisting savings to be claimed in future years, past year's initiative level savings results need to be filled out in the tables below. If the IESO adjustments were made available to the LDC after the LRAMVA was approved, the persistence of those savings adjustments in the future can be claimed as approved LRAMVA amounts are considered to be final.

3. The work forms below include the monthly multipliers for most programs in order to claim demand savings from energy efficiency programs, consistent with the monthly multipliers indicated in the OEB's updated LRAM policy related to peak demand savings in EB-2016-0182. Demand Response (DR3) savings should generally not be included with the LRAMVA calculation, unless suported by empirical evidence. LDCs are requested to confirm the monthly multipliers for all programs each year as placeholder values are provided. If a different monthly multiplier is used, please include rationale in Tab 1-a and highlight the new multiplier that has been used.

4. LDC are requested to input the applicable rate class allocation percentages to allocate actual savings to the rate classes. The generic template currently includes the same allocation percentage for program savings and its savings adjustments. If a different allocation is proposed for savings adjustments, LDCs must provide supporting rationale in Tab 1-a and highlight the change.

5. The persistence of future savings is expected to be included in the distributor's load forecast after re-basing. LDCs are requested to delete the applicable savings persistence rows (auto-calculated after the LRAMVA totals for the year) if future year's persistence of savings is already captured in the updated load forecast. Please also provide assumptions about the years in which persistence is captured in the load forecast calculation in the "Notes" section below each table.

Tables

Table 5-a. 2015 Lost Revenues Work Form

	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														Total
			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																																					
1	Coupon Initiative	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																					
6	Energy Audit Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified											3																									0%
	Adjustment to 2015 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																																					
14	Low Income Initiative	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
15	Aboriginal Conservation Program	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified											0																									0%
	Adjustment to 2015 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																																					
17	Conservation Fund Pilot - EnerNOC	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																																					
	Residential Province-Wide Programs																																					
21	Save on Energy Coupon Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																																				0%
	Adjustment to 2015 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																									0%
	Adjustment to 2015 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																									0%
	Adjustment to 2015 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

31	Save on Energy Monitoring & Targeting Program	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																			
33	Business Refrigeration Local Program	Verified		0																0%
	Adjustment to 2015 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified		0																0%
	Adjustment to 2015 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified		0																0%
	Adjustment to 2015 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																			
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																		0%
	Adjustment to 2015 savings	True-up				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified		12																0%
	Adjustment to 2015 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2015		**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2015					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2015					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2015 from 2011 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2012 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2013 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2014 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2015 from 2015 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2015					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2015					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2015																			**$0.00**
	2015 Savings Persisting in 2016					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2017					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2018					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2019					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2015 Savings Persisting in 2020					0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-b. 2016 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)									Rate Allocations for LRAMVA														Total
			2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										
	Legacy Framework																							kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																																					
1	Coupon Initiative	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major Renovation Initiative	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																																					
6	Energy Audit Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified											3																									0%
	Adjustment to 2016 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																																					
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																																					
14	Low Income Initiative	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																																					
15	Aboriginal Conservation Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																																					
17	Conservation Fund Pilot - EnerNOC	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																																					
	Residential Province-Wide Programs																																					
21	Save on Energy Coupon Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																																					
25	Save on Energy Audit Funding Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified											3																									0%
	Adjustment to 2016 savings	True-up											3											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified											12																									0%

	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																																					
33	Business Refrigeration Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified											0																									0%
	Adjustment to 2016 savings	True-up											0											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																																					
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																																				0%
	Adjustment to 2016 savings	True-up																						0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified											12																									0%
	Adjustment to 2016 savings	True-up											12											0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2016		0											0										0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Forecast CDM Savings in 2016																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Distribution Rate in 2016																							$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2016 from 2011 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2012 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2013 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2014 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2015 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2016 from 2016 programs																							$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2016																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2016																							**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2016																																					**$0.00**
	2016 Savings Persisting in 2017																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2018																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2019																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2016 Savings Persisting in 2020																							0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-c. 2017 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh) 2017	Net Energy Savings Persistence (kWh) 2018	2019	2020	2021	2022	2023	2024	2025	2026	Monthly Multiplier	Net Demand Savings (kW) 2017	Net Peak Demand Savings Persistence (kW) 2018	2019	2020	2021	2022	2023	2024	2025	2026
	Legacy Framework																						
	Residential Program																						
1	Coupon Initiative	Verified																					
	Adjustment to 2017 savings	True-up																					
2	Bi-Annual Retailer Event Initiative	Verified																					
	Adjustment to 2017 savings	True-up																					
3	Appliance Retirement Initiative	Verified																					
	Adjustment to 2017 savings	True-up																					
4	HVAC Incentives Initiative	Verified																					
	Adjustment to 2017 savings	True-up																					
5	Residential New Construction and Major Renovation Initiative	Verified																					
	Adjustment to 2017 savings	True-up																					
	Commercial & Institutional Program																						
6	Energy Audit Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
8	Direct Install Lighting and Water Heating Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
9	New Construction and Major Renovation Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
10	Existing Building Commissioning Incentive Initiative	Verified											3										
	Adjustment to 2017 savings	True-up											3										
	Industrial Program																						
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
	Low Income Program																						
14	Low Income Initiative	Verified											12										
	Adjustment to 2017 savings	True-up											12										
	Other																						
15	Aboriginal Conservation Program	Verified											0										
	Adjustment to 2017 savings	True-up											0										
16	Program Enabled Savings	Verified											0										
	Adjustment to 2017 savings	True-up											0										
	Conservation Fund Pilots																						
17	Conservation Fund Pilot - EnerNOC	Verified											12										
	Adjustment to 2017 savings	True-up											12										
18	Loblaws Pilot	Verified											12										
	Adjustment to 2017 savings	True-up											12										
19	Conservation Fund Pilot - SEG	Verified											12										
	Adjustment to 2017 savings	True-up											12										
20	Social Benchmarking Pilot	Verified											12										
	Adjustment to 2017 savings	True-up											12										
	Conservation First Framework																						
	Residential Province-Wide Programs																						
21	Save on Energy Coupon Program	Verified																					
	Adjustment to 2017 savings	True-up																					
22	Save on Energy Heating and Cooling Program	Verified																					
	Adjustment to 2017 savings	True-up																					
23	Save on Energy New Construction Program	Verified																					
	Adjustment to 2017 savings	True-up																					
24	Save on Energy Home Assistance Program	Verified																					
	Adjustment to 2017 savings	True-up																					
	Non-Residential Province-Wide Programs																						
25	Save on Energy Audit Funding Program	Verified											12										
	Adjustment to 2017 savings	True-up											12										
26	Save on Energy Retrofit Program	Verified											12										
	Adjustment to 2017 savings	True-up											12										
27	Save on Energy Small Business Lighting Program	Verified											12										
	Adjustment to 2017 savings	True-up											12										
28	Save on Energy High Performance New Construction Program	Verified											12										
	Adjustment to 2017 savings	True-up											12										
29	Save on Energy Existing Building Commissioning Program	Verified											3										
	Adjustment to 2017 savings	True-up											3										
30	Save on Energy Process & Systems Upgrades Program	Verified											12										

	Program	Results Status	Rate Allocations for LRAMVA: Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
	Legacy Framework		kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program																
1	Coupon Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major Renovation Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program																
6	Energy Audit Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program																
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program																
14	Low Income Initiative	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other																
15	Aboriginal Conservation Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots																
17	Conservation Fund Pilot - EnerNOC	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework																
	Residential Province-Wide Programs																
21	Save on Energy Coupon Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs																
25	Save on Energy Audit Funding Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified															0%
	Adjustment to 2017 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified															0%

	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
31	Save on Energy Monitoring & Targeting Program	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																			
33	Business Refrigeration Local Program	Verified		0																0%
	Adjustment to 2017 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified		0																0%
	Adjustment to 2017 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified		0																0%
	Adjustment to 2017 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																			
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																		0%
	Adjustment to 2017 savings	True-up				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified		12																0%
	Adjustment to 2017 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2017		**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2017					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2017					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2017 from 2011 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2012 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2013 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2014 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2015 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2016 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2017 from 2017 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2017					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2017					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2017																			**$0.00**
	2017 Savings Persisting in 2018					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2017 Savings Persisting in 2019					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2017 Savings Persisting in 2020					0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-d. 2018 Lost Revenues Work Form

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	Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Legacy Framework	
	Residential Program	
1	Coupon Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
2	Bi-Annual Retailer Event Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
3	Appliance Retirement Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
4	HVAC Incentives Initiative	Verified																					
	Adjustment to 2018 savings	True-up																					
5	Residential New Construction and Major	Verified																					
	Adjustment to 2018 savings	True-up																					
	Commercial & Institutional Program	
6	Energy Audit Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
7	Efficiency: Equipment Replacement Incentive Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
8	Direct Install Lighting and Water Heating Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
9	New Construction and Major Renovation Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
10	Existing Building Commissioning Incentive Initiative	Verified											3										
	Adjustment to 2018 savings	True-up											3										
	Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
	Low Income Program	
14	Low Income Initiative	Verified											12										
	Adjustment to 2018 savings	True-up											12										
	Other	
15	Aboriginal Conservation Program	Verified											0										
	Adjustment to 2018 savings	True-up											0										
16	Program Enabled Savings	Verified											0										
	Adjustment to 2018 savings	True-up											0										
	Conservation Fund Pilots	
17	Conservation Fund Pilot - EnerNOC	Verified											12										
	Adjustment to 2018 savings	True-up											12										
18	Loblaws Pilot	Verified											12										
	Adjustment to 2018 savings	True-up											12										
19	Conservation Fund Pilot - SEG	Verified											12										
	Adjustment to 2018 savings	True-up											12										
20	Social Benchmarking Pilot	Verified											12										
	Adjustment to 2018 savings	True-up											12										
	Conservation First Framework	
	Residential Province-Wide Programs	
21	Save on Energy Coupon Program	Verified																					
	Adjustment to 2018 savings	True-up																					
22	Save on Energy Heating and Cooling Program	Verified																					
	Adjustment to 2018 savings	True-up																					
23	Save on Energy New Construction Program	Verified																					
	Adjustment to 2018 savings	True-up																					
24	Save on Energy Home Assistance Program	Verified																					
	Adjustment to 2018 savings	True-up																					
	Non-Residential Province-Wide Programs	
25	Save on Energy Audit Funding Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
26	Save on Energy Retrofit Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
27	Save on Energy Small Business Lighting Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
28	Save on Energy High Performance New Construction Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										
29	Save on Energy Existing Building Commissioning Program	Verified											3										
	Adjustment to 2018 savings	True-up											3										
30	Save on Energy Process & Systems Upgrades Program	Verified											12										
	Adjustment to 2018 savings	True-up											12										

	Program	Results Status	Rate Allocations for LRAMVA														
			Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
	Legacy Framework		kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
	Residential Program	
1	Coupon Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
2	Bi-Annual Retailer Event Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Appliance Retirement Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	HVAC Incentives Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
5	Residential New Construction and Major	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Commercial & Institutional Program	
6	Energy Audit Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Efficiency: Equipment Replacement Incentive Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Direct Install Lighting and Water Heating Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
9	New Construction and Major Renovation Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
10	Existing Building Commissioning Incentive Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Industrial Program	
11	Process and Systems Upgrades Initiatives - Project Incentive Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
12	Process and Systems Upgrades Initiatives - Monitoring and Targeting Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
13	Process and Systems Upgrades Initiatives - Energy Manager Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Low Income Program	
14	Low Income Initiative	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Other	
15	Aboriginal Conservation Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
16	Program Enabled Savings	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation Fund Pilots	
17	Conservation Fund Pilot - EnerNOC	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
18	Loblaws Pilot	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
19	Conservation Fund Pilot - SEG	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
20	Social Benchmarking Pilot	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Conservation First Framework	
	Residential Province-Wide Programs	
21	Save on Energy Coupon Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
22	Save on Energy Heating and Cooling Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
23	Save on Energy New Construction Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Save on Energy Home Assistance Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Non-Residential Province-Wide Programs	
25	Save on Energy Audit Funding Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
26	Save on Energy Retrofit Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
27	Save on Energy Small Business Lighting Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
28	Save on Energy High Performance New Construction Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
29	Save on Energy Existing Building Commissioning Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
30	Save on Energy Process & Systems Upgrades Program	Verified															0%
	Adjustment to 2018 savings	True-up	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

31	Save on Energy Monitoring & Targeting Program	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
32	Save on Energy Energy Manager Program	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Local & Regional Programs																			
33	Business Refrigeration Local Program	Verified		0																0%
	Adjustment to 2018 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
34	First Nation Conservation Local Program	Verified		0																0%
	Adjustment to 2018 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
35	Social Benchmarking Local Program	Verified		0																0%
	Adjustment to 2018 savings	True-up		0		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Pilot Programs																			
36	Enersource Hydro Mississauga Inc. - Performance-Based Conservation Pilot Program - Conservation Fund	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
37	EnWin Utilities Ltd. - Building Optimization Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
38	EnWin Utilities Ltd. - Re-Invest Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
39	Horizon Utilities Corporation - ECM Furnace Motor Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
40	Horizon Utilities Corporation - Social Benchmarking Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
41	Hydro Ottawa Limited - Conservation Voltage Regulation (CVR) Leveraging AMI Data Pilot	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
42	Hydro Ottawa Limited - Residential Demand Response Wi-Fi Thermostat Pilot	Verified																		0%
	Adjustment to 2018 savings	True-up				0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
43	Kitchener-Wilmot Hydro Inc. - Pilot - DCKV	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
44	Niagara-on-the-Lake Hydro Inc. - Direct Install Energy Efficiency Measures for the Agricultural Sector	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
45	Oakville Hydro Electricity Distribution Inc. - Direct Install - Hydronic	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
46	Oakville Hydro Electricity Distribution Inc. - Direct Install - RTU Controls	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
47	Toronto Hydro-Electric System Limited - Direct Install - Hydronic (Pilot Savings)	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
48	Toronto Hydro-Electric System Limited - Direct Install - RTU Controls (Pilot Savings)	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
49	Toronto Hydro-Electric System Limited - PFP - Large (Pilot Savings)	Verified		12																0%
	Adjustment to 2018 savings	True-up		12		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	Actual CDM Savings in 2018		**0**		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Forecast CDM Savings in 2018					**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Distribution Rate in 2018					$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
	Lost Revenue in 2018 from 2011 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2012 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2013 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2014 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2015 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2016 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2017 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Lost Revenue in 2018 from 2018 programs					$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
	Total Lost Revenues in 2018					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	Forecast Lost Revenues in 2018					**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
	LRAMVA in 2018																			**$0.00**
	2018 Savings Persisting in 2019					0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2018 Savings Persisting in 2020					0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-e. 2019 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Legacy Framework																						
Actual CDM Savings in 2019		0											0									
Forecast CDM Savings in 2019																						

Program	Rate Allocations for LRAMVA														
	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Legacy Framework	kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2019	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2019	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2019	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2019 from 2011 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2012 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2013 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2014 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2015 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2016 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2017 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2018 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2019 from 2019 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2019	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2019	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2019															**$0.00**
2019 Savings Persisting in 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Note: LDC to make note of key assumptions included above

Table 5-f. 2020 Lost Revenues Work Form Return to top

Program	Results Status	Net Energy Savings (kWh)	Net Energy Savings Persistence (kWh)									Monthly Multiplier	Net Demand Savings (kW)	Net Peak Demand Savings Persistence (kW)								
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Legacy Framework																						
Actual CDM Savings in 2020		0											0									
Forecast CDM Savings in 2020																						

Program	Rate Allocations for LRAMVA														
	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Legacy Framework	kWh	kWh	kW	kWh	kW	0	0	0	0	0	0	0	0	0	
Actual CDM Savings in 2020	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Forecast CDM Savings in 2020	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
Distribution Rate in 2020	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	$0.00000	
Lost Revenue in 2020 from 2011 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2012 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2013 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2014 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2015 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2016 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2017 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2018 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2019 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Lost Revenue in 2020 from 2020 programs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total Lost Revenues in 2020	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Forecast Lost Revenues in 2020	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
LRAMVA in 2020															**$0.00**

Note: LDC to make note of key assumptions included above

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Ontario Energy Board

LRAMVA Work Form: Carrying Charges by Rate Class

Version 4.0 (2020)

Legend

- User Inputs (Green)
- Auto Populated Cells (White)
- Instructions (Grey)

Instructions

1. Please update Table 6 as new approved prescribed interest rates for deferral and variance accounts become available. Monthly interest rates are used to calculate the variance on the carrying charges for LRAMVA. Starting from column I, the principal will auto-populate as monthly variances in Table 6-a, and are multiplied by the interest rate from column H to determine the monthly variances on carrying charges for each rate class by year.

2. The annual carrying charges totals in Table 6-a below pertain to the amount that was originally collected in interest from forecasted CDM savings and what should have been collected based on actual CDM savings. As the amounts calculated in Table 6-a are cumulative, LDCs are requested to enter any collected interest amounts into the "Amounts Cleared" row in order to clear the balance and calculate outstanding variances on carrying charges.

3. Please calculate the projected interest amounts in the LRAMVA work form. Project carrying charges amounts incuded in Table 6-a should be consistent with the projected interest amounts included in the DVA Continuity Schedule. **If there are additional adjustments required to the formulas to calculate the projected interest amounts, please adjust the formulas in Table 6-a accordingly.**

Table 6. Prescribed Interest Rates

Quarter	Approved Deferral & Variance Accounts
2011 Q1	1.47%
2011 Q2	1.47%
2011 Q3	1.47%
2011 Q4	1.47%
2012 Q1	1.47%
2012 Q2	1.47%
2012 Q3	1.47%
2012 Q4	1.47%
2013 Q1	1.47%
2013 Q2	1.47%
2013 Q3	1.47%
2013 Q4	1.47%
2014 Q1	1.47%
2014 Q2	1.47%
2014 Q3	1.47%
2014 Q4	1.47%
2015 Q1	1.47%
2015 Q2	1.10%
2015 Q3	1.10%
2015 Q4	1.10%
2016 Q1	1.10%
2016 Q2	1.10%
2016 Q3	1.10%
2016 Q4	1.10%
2017 Q1	1.10%
2017 Q2	1.10%
2017 Q3	1.10%
2017 Q4	1.50%
2018 Q1	1.50%
2018 Q2	1.89%
2018 Q3	1.89%
2018 Q4	2.17%
2019 Q1	2.45%
2019 Q2	2.18%
2019 Q3	2.18%
2019 Q4	2.18%
2020 Q1	2.18%
2020 Q2	2.18%
2020 Q3	2.18%
2020 Q4	2.18%

Check OEB website

Table 6-a. Calculation of Carrying Costs by Rate Class

Go to Tab 1: Summary

Month	Period	Quarter	Monthly Rate	Residential	GS<50 kW	Commercial 50 kW to Large Use	Unmetered Scattered Load	Street Lighting										Total
Jan-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-11	2011	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-11	2011	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-11	2011	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-11	2011	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2011				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Mar-12	2011-2012	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Apr-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
May-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jun-12	2011-2012	Q2	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Jul-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Aug-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Sep-12	2011-2012	Q3	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Oct-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Nov-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Dec-12	2011-2012	Q4	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Total for 2012				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Amount Cleared																		
Opening Balance for 2013				**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Jan-13	2011-2013	Q1	0.12%	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Feb-13	2011-2013	Q1	0.12%	$1.01	$0.05	$5.12	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$6.18
Mar-13	2011-2013	Q1	0.12%	$2.03	$0.10	$10.24	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$12.36
Apr-13	2011-2013	Q2	0.12%	$3.04	$0.15	$15.36	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$18.55
May-13	2011-2013	Q2	0.12%	$4.06	$0.20	$20.47	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$24.73
Jun-13	2011-2013	Q2	0.12%	$5.07	$0.25	$25.59	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$30.91
Jul-13	2011-2013	Q3	0.12%	$6.08	$0.30	$30.71	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$37.09
Aug-13	2011-2013	Q3	0.12%	$7.10	$0.35	$35.83	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$43.28
Sep-13	2011-2013	Q3	0.12%	$8.11	$0.40	$40.95	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$49.46
Oct-13	2011-2013	Q4	0.12%	$9.12	$0.45	$46.07	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.64
Nov-13	2011-2013	Q4	0.12%	$10.14	$0.50	$51.18	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$61.82
Dec-13	2011-2013	Q4	0.12%	$11.15	$0.55	$56.30	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$68.01
Total for 2013				**$66.91**	**$3.30**	**$337.82**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$408.04**
Amount Cleared																		

Opening Balance for 2014				$66.91	$3.30	$337.82	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$408.04
Jan-14	2011-2014	Q1	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Feb-14	2011-2014	Q1	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Mar-14	2011-2014	Q1	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Apr-14	2011-2014	Q2	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
May-14	2011-2014	Q2	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Jun-14	2011-2014	Q2	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Jul-14	2011-2014	Q3	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Aug-14	2011-2014	Q3	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Sep-14	2011-2014	Q3	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Oct-14	2011-2014	Q4	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Nov-14	2011-2014	Q4	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Dec-14	2011-2014	Q4	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Total for 2014				$212.91	$10.52	$1,074.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,298.30
Amount Cleared																		
Opening Balance for 2015				$212.91	$10.52	$1,074.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$1,298.30
Jan-15	2011-2015	Q1	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Feb-15	2011-2015	Q1	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Mar-15	2011-2015	Q1	0.12%	$12.17	$0.60	$61.42	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$74.19
Apr-15	2011-2015	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
May-15	2011-2015	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Jun-15	2011-2015	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Jul-15	2011-2015	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Aug-15	2011-2015	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Sep-15	2011-2015	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Oct-15	2011-2015	Q4	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Nov-15	2011-2015	Q4	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Dec-15	2011-2015	Q4	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Total for 2015				$331.34	$16.37	$1,672.79	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,020.50
Amount Cleared																		
Opening Balance for 2016				$331.34	$16.37	$1,672.79	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,020.50
Jan-16	2011-2016	Q1	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Feb-16	2011-2016	Q1	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Mar-16	2011-2016	Q1	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Apr-16	2011-2016	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
May-16	2011-2016	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Jun-16	2011-2016	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Jul-16	2011-2016	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Aug-16	2011-2016	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Sep-16	2011-2016	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Oct-16	2011-2016	Q4	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Nov-16	2011-2016	Q4	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Dec-16	2011-2016	Q4	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Total for 2016				$440.59	$21.76	$2,224.33	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,686.68
Amount Cleared																		
Opening Balance for 2017				$440.59	$21.76	$2,224.33	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$2,686.68
Jan-17	2011-2017	Q1	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Feb-17	2011-2017	Q1	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Mar-17	2011-2017	Q1	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Apr-17	2011-2017	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
May-17	2011-2017	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Jun-17	2011-2017	Q2	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Jul-17	2011-2017	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Aug-17	2011-2017	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Sep-17	2011-2017	Q3	0.09%	$9.10	$0.45	$45.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$55.52
Oct-17	2011-2017	Q4	0.13%	$12.41	$0.61	$62.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$75.70
Nov-17	2011-2017	Q4	0.13%	$12.41	$0.61	$62.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$75.70
Dec-17	2011-2017	Q4	0.13%	$12.41	$0.61	$62.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$75.70
Total for 2017				$559.77	$27.65	$2,826.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3,413.43
Amount Cleared																		
Opening Balance for 2018				$559.77	$27.65	$2,826.01	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3,413.43
Jan-18	2011-2018	Q1	0.13%	$12.41	$0.61	$62.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$75.70
Feb-18	2011-2018	Q1	0.13%	$12.41	$0.61	$62.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$75.70
Mar-18	2011-2018	Q1	0.13%	$12.41	$0.61	$62.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$75.70
Apr-18	2011-2018	Q2	0.16%	$15.64	$0.77	$78.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95.39
May-18	2011-2018	Q2	0.16%	$15.64	$0.77	$78.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95.39
Jun-18	2011-2018	Q2	0.16%	$15.64	$0.77	$78.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95.39
Jul-18	2011-2018	Q3	0.16%	$15.64	$0.77	$78.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95.39
Aug-18	2011-2018	Q3	0.16%	$15.64	$0.77	$78.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95.39
Sep-18	2011-2018	Q3	0.16%	$15.64	$0.77	$78.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$95.39
Oct-18	2011-2018	Q4	0.18%	$17.96	$0.89	$90.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$109.52
Nov-18	2011-2018	Q4	0.18%	$17.96	$0.89	$90.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$109.52
Dec-18	2011-2018	Q4	0.18%	$17.96	$0.89	$90.67	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$109.52
Total for 2018				$744.74	$36.78	$3,759.87	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$4,541.40
Amount Cleared																		
Opening Balance for 2019				$744.74	$36.78	$3,759.87	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$4,541.40
Jan-19	2011-2019	Q1	0.20%	$20.28	$1.00	$102.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$123.65
Feb-19	2011-2019	Q1	0.20%	$20.28	$1.00	$102.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$123.65
Mar-19	2011-2019	Q1	0.20%	$20.28	$1.00	$102.37	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$123.65
Apr-19	2011-2019	Q2	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
May-19	2011-2019	Q2	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Jun-19	2011-2019	Q2	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Jul-19	2011-2019	Q3	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Aug-19	2011-2019	Q3	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Sep-19	2011-2019	Q3	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Oct-19	2011-2019	Q4	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Nov-19	2011-2019	Q4	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Dec-19	2011-2019	Q4	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Total for 2019				$967.96	$47.81	$4,886.76	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5,902.53
Amount Cleared																		
Opening Balance for 2020				$967.96	$47.81	$4,886.76	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5,902.53
Jan-20	2011-2020	Q1	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Feb-20	2011-2020	Q1	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Mar-20	2011-2020	Q1	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Apr-20	2011-2020	Q2	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
May-20	2011-2020	Q2	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Jun-20	2011-2020	Q2	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Jul-20	2011-2020	Q3	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Aug-20	2011-2020	Q3	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02

Sep-20	2011-2020	Q3	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Oct-20	2011-2020	Q4	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Nov-20	2011-2020	Q4	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Dec-20	2011-2020	Q4	0.18%	$18.04	$0.89	$91.09	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$110.02
Total for 2020				**$1,184.46**	**$58.50**	**$5,979.81**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$7,222.78**
Amount Cleared																		