



Green Bond Use of Proceeds and Impact Reporting

June 30, 2021

"At Hydro Ottawa, we believe it's our responsibility to help build a vibrant and sustainable capital. That extends to our own operations and our impact on the environment and the communities in which we live and work. We are fiercely focused on the health and safety of our employees, our customers and our city. That means making decisions that prioritize the environment as a major factor in how we define success."

- Bryce Conrad, President and Chief Executive Officer

Corporate Profile

Hydro Ottawa Holding Inc. (“Hydro Ottawa”) is wholly-owned by the City of Ottawa and governed by an independent Board of Directors appointed by its shareholder. The company’s core businesses are electricity distribution, renewable energy generation and energy conservation and management services. As a company that actively promotes environmental sustainability in our community, most notably in relation to energy conservation, Hydro Ottawa is committed to reducing the impact of our operations on the environment and improving our environmental performance.

Hydro Ottawa’s Green Bond Framework builds upon this commitment and applies to Hydro Ottawa Holding Inc. and its subsidiaries. In February 2019, Sustainalytics issued a Second-Party Opinion, which states “the Hydro Ottawa Green Bond Framework is credible and impactful, and aligns with the four core components of the Green Bond Principles¹ 2018.”

¹The Green Bond Principles (“GBP”) were created by the International Capital Markets Association (“ICMA”) and updated in June 2018. According to ICMA’s website, the GBP are “voluntary process guidelines that recommend transparency and disclosure and promote integrity in the development of the Green Bond market by clarifying the approach for issuance of a Green Bond”.

Green Bond Offering



\$291M
Size (CAD)



40 Years
Term



3.525%
Coupon



In July 2019, Hydro Ottawa issued its inaugural Green Bond raising \$291 million (\$287 million of net proceeds) through a special purpose financing entity via private placement. The 40-year Green Bond represented a first of its kind for a municipally-owned local distribution company (LDC) and priced with a coupon rate of 3.525%. Over 80% of the amounts issued were acquired by investors that are signatories to the United Nations Principles for Responsible Investment of which some investors had specific green mandates.

The proceeds of the green bond issuance have been used to finance eligible renewal generation projects and the construction of green buildings under Hydro Ottawa's Green Bond Framework.

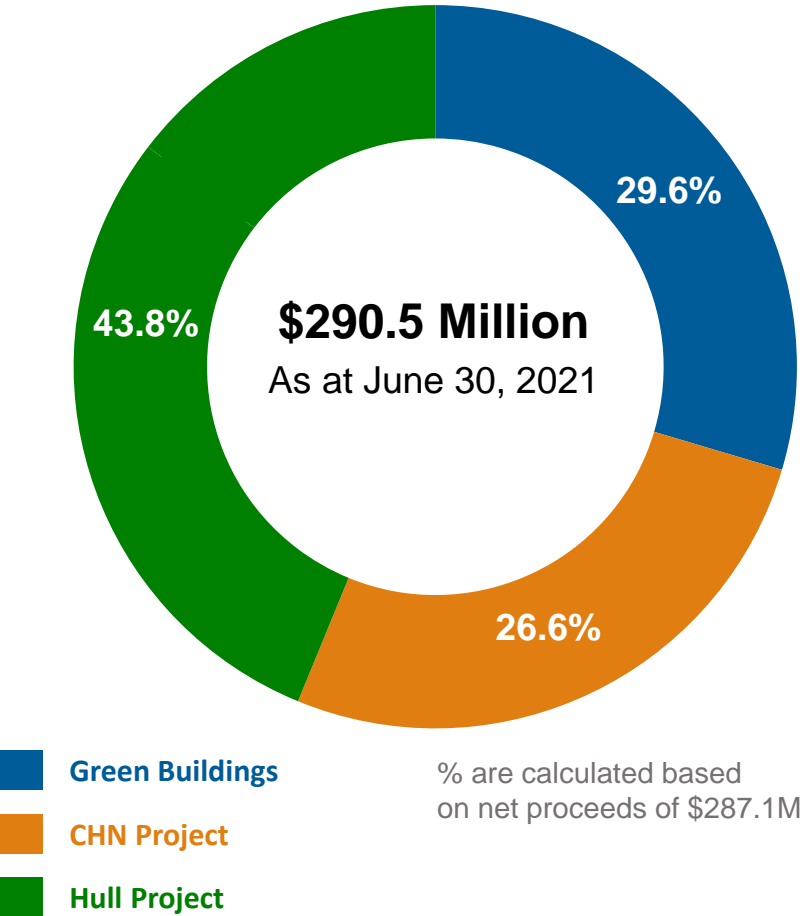
Allocation Reporting: Basis of Accounting

Proceeds from Hydro Ottawa's Green Bond issuance are restricted in purpose and will only be used to finance Eligible Investments, a group of selected projects that offer tangible environmental benefits, as defined in Hydro Ottawa's Green Bond Framework. The Green Bond Register was prepared to track on a cash basis the allocation of proceeds from the issuance of the Hydro Ottawa Green Bond on July 5, 2019 to the Eligible Investments under Hydro Ottawa's Green Bond Framework.

The Green Bond Principles (International Capital Market Association, June 2018) as well as Hydro Ottawa's Green Bond Framework published in February 2019 describe the basis of allocating the use of proceeds and other relevant information for the green bond. This Green Bond Register was prepared to assist Hydro Ottawa in disclosing its use of proceeds allocation activities related to the bond. As a result, it may not be suitable for another purpose.



Allocation Reporting: Green Bond Register



Hydro Ottawa
Green Bond Register
As of June 30, 2021
(millions of dollars)

Net proceeds available for allocation	
Net proceeds from 2019-1 Green Bond	\$287.1

Proceeds used for the allocation to Eligible Investments:	
Green buildings designed and constructed to LEED Gold standards	\$85.0
Chaudiere Hydro North LP 12MW hydroelectric project	\$76.4
Hull Energy LP 27MW hydroelectric project	\$125.7
Total allocated proceeds	\$287.1

Impact Reporting: Green Buildings

In 2019, Hydro Ottawa opened its two new campuses in the east and south ends of Ottawa. Both campuses are designed and constructed to LEED Gold standards; incorporating the production of on-site renewable energy, the preservation of natural resources, and a significant reduction in waste and greenhouse gases.

Its new Head Office uses approximately 55 per cent less water due to the installation of efficient and innovative washroom fixtures and the collection of rainwater for sewage (toilet) conveyance thanks to a cistern fed by a rainwater roof harvesting and filtration system. This reduces water consumption by about 1.6 million litres per year.

Hydro Ottawa consistently diverts more than 90 per cent of its non-hazardous, solid and liquid waste from landfill.



East Campus - Main Office
2711 Hunt Club Road
East Operations Centre and PILC Storage



South Campus - South Operations Centre
201 Dibblee Road
Warehouse, Metering, and Transformer Shop

Impact Reporting: Chaudiere Hydro North Hydroelectric Refurbishment Project

Located on the Gatineau side of the Ottawa River, the Chaudiere Hydro North Project has a total installed capacity of 12 MW.

Built in 1912, by the E.B. Eddy Company, the station has been well maintained over the years and underwent a major rehabilitation beginning in 2018, which includes replacing turbines, rewinding or replacing generators, building a new electrical room, and automating the equipment. A new electrical interconnection to feed into Ontario was also introduced.

In February 2020, the refurbishment of the Chaudiere Hydro North Project was completed and began commercial operation, producing clean energy to power approximately 10,000 homes for decades to come.



Impact Reporting: Hull Energy Hydroelectric Refurbishment Project

Located in close proximity to the Chaudière Hydro North Project, on the north side of Chaudière Falls, sits the Hull Energy Project (Hull 2 Power Plant).

In June 2016, Hydro Ottawa entered into a purchase and sale agreement with Hydro-Québec to acquire Hull 2, a 27 MW hydroelectric generating station on the Gatineau side of Chaudière Falls. Built between 1912 and 1913, Hull 2 did not go into operation until 1920, as World War I delayed the installation of German-built turbines. This generating station has seen many upgrades over the years; a third turbine was added in 1923, and in 1968, a fourth turbine was added – this unit was a Kaplan turbine, a tubular turbine on a horizontal axis, the only one of its kind in the Chaudière hydroelectric complex and the first in Quebec. The Hull Energy Project's refurbishment scope included the rewinding of all generators, the replacement of turbines and control systems, and the addition of a new electrical interconnection to feed into Ontario.

In May 2021, the refurbishment of the Hull Energy Project was completed and began commercial operation, producing clean energy to power approximately 22,000 homes for decades to come.

