



**LIVE WEBINAR**

# **EWRB**

**Energy & Water Reporting and  
Benchmarking**

Presented by:

**Trevor Freeman**  
Supervisor,  
Key Accounts  
**Hydro Ottawa**

**Marie Hanchet**  
Project Manager,  
Environmental Program  
**City of Ottawa**

March 9, 2023





# EWRB OVERVIEW

WHAT | WHO | HOW | WHEN





# ABOUT EWRB

Ontario Government Regulation

Permanent reporting requirements on building owners

Qualifying buildings must use ENERGY STAR's Portfolio Manager to submit annually:

- Energy and water consumption
- Building size and usage data

Building energy/water use intensity data will be publicly (anonymously) published (starting with the 2<sup>nd</sup> year of submitted data)





# WHO NEEDS TO REPORT?

## Mandatory

Ontario Ministry of Energy

## Starting 2023

Buildings 50,000 sq.ft. and larger





# WHO CAN REPORT?

## Encouraged

City of Ottawa's Better Buildings initiative

## Starting 2022

Buildings 20,000 sq.ft. and larger

# ELIGIBLE EXEMPTIONS

Federally or Provincially owned buildings (they are already reporting)

50% of GFA\* is occupied by public agency

10% of GFA\* is occupied by data centre, television studio, trading floor

10% of GFA\* is used for manufacturing, commercial, agricultural, or industrial processing with regulated environmental conditions tied to that process.

*GFA = Gross Floor Area*

*Requests for an exemption must be submitted to the Ministry of Energy*





# WHAT DO YOU NEED?

## EWRB ID Number

- From Ontario Ministry of Energy

## Gross Floor Area (GFA)

- All conditioned spaces (lobby, loading dock, stairwells, mech PH, etc.)

## Monthly Utility Consumption

- Electricity/gas/water and other
- Whole building (including retail/tenant accounts)
- From bills or requested from utility/City



# HOW TO BENCHMARK?

## ENERGY STAR's Portfolio Manager Website

- Online benchmarking tool
- Created by the US EPA, modified for Canada by NRCAN
- Straightforward process





# ABOUT PORTFOLIO MANAGER

Create an account

Create a building profile

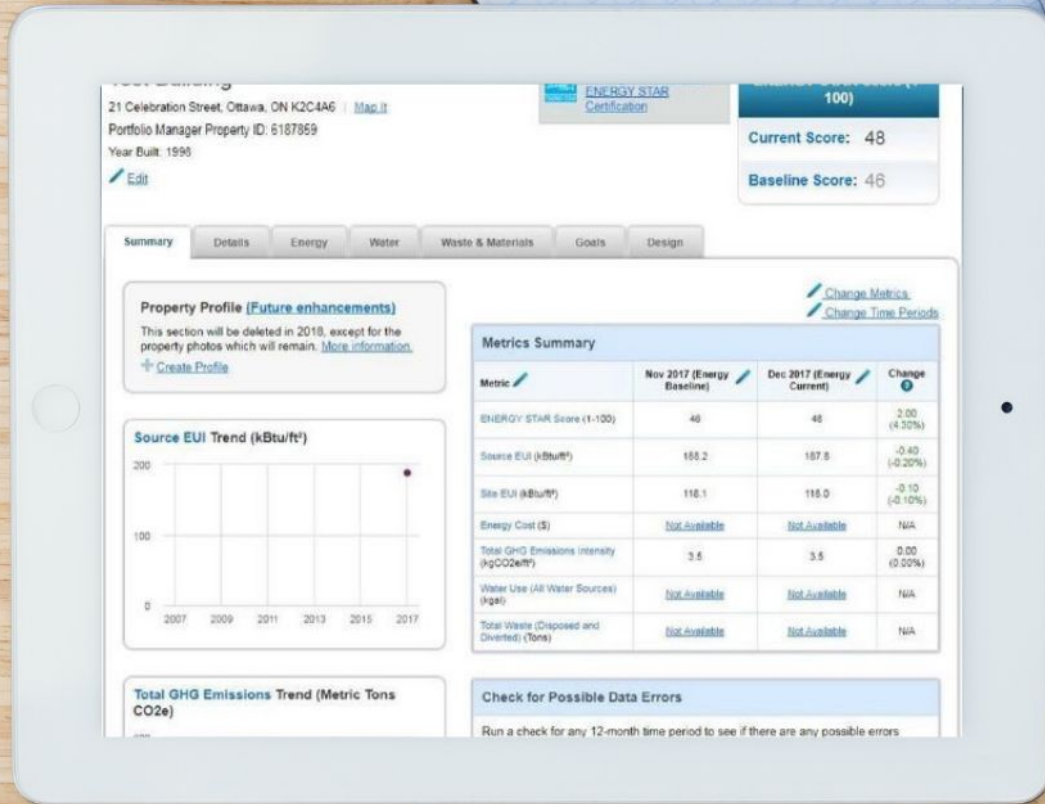
Enter space and utility info

- The more accurate that you can be, the more useful your results will be

Share your building profile with the Ministry of Energy

- Follow instructions in tool

*Take advantage of this free tool*





Buildings over 100,000 sq.ft. must have their data verified in their first reporting year, and every five years after that.





## WHO CAN VERIFY?

An in-house staff member, or a third party professional with one of the following designations:

- Professional Engineer
- Certified Building Commissioning Professional
- Certified Energy Auditor
- Certified Energy Manager
- Certified Measurement and Verification Professional
- Building Energy Technology Certificate
- Building Operator Certificate
- Building Science Specialist of Ontario



# NOTEWORTHY

Size requirements are for individual buildings, not combined GFA of a property (e.g. separate buildings at a plaza)

Building owners can choose whether to report at the building or property level (e.g. connected buildings).

- Additional EWRB ID #s can be request from the Ministry.

## Resources

### Ministry of Energy, Northern Development and Mines

<https://www.ontario.ca/page/report-energy-water-use-large-buildings>

### ENERGY STAR Portfolio Manager

<https://portfoliomanager.energystar.gov/pm/login.html>

*No exception for high vacancy.*



A close-up photograph of two business professionals in a meeting. One person is holding a tablet, and the other is holding a pen, pointing at the screen. A glass of water and a document with a bar chart are also visible on the table.

# REQUESTING DATA

## ELECTRICITY | GAS | WATER



# ELECTRICITY

## Accessing Data

### Account Holder

For full building

### Download data in MyAccount

- [hydroottawa.com/myaccount](https://hydroottawa.com/myaccount)

### NOT Account Holder

For full building

(e.g. tenant or retail meters)

### Request data using EWRB request form

- [hydroottawa.com/ewrb](https://hydroottawa.com/ewrb)





# NOT ACCOUNT HOLDER

## Requesting Data

### Instructions and Form

- [hydroottawa.com/ewrb](http://hydroottawa.com/ewrb)

Data will only be provided in aggregate format.

No consent forms are necessary if you complete all required fields in the online form.

### DATA REQUESTER INFORMATION

This section is about the person requesting energy consumption data, if different than the property owner. This is the person Hydro Ottawa will contact if there is an issue. A copy of this form will be emailed to the data requestor's email address, when the form is submitted.

Same as property owner

Full name of data requestor

Position/title

Phone Number

Email address

Full legal/corporate name

Business name (if different from the legal/corporate name)

Street Address

City

Province



# REQUESTING DATA

## Online Form

### Required Fields

- EWRB ID # (obtained from the Ministry)
- Account Number(s) Contact info for requester and building owner
- Property address(es)

### Include all possible civic addresses

- The Hydro Ottawa service address may not be the main address for the building (e.g. corner lots, combined buildings, etc.)

Service Address (use the address included in the "Service For" box on your Hydro Ottawa bill) \*

City \*

Province \*

Postal Code \*

Additional Addresses

*Request multiple sites in the same form*

Account number (provide at least one Hydro Ottawa account number associated with the building, and if there are multiple, provide as many account numbers as you can.) \*

Ontario EWRB ID Number (Provided by Ministry of Energy, Northern Development and Mines) \*

Year(s) for which electricity consumption data is being requested \*

Building Gross floor area (square feet)

# REQUESTING DATA

## Online Form – Once Submitted

### You will receive...

- Confirmation email with the case number
- Follow-up email, if clarification is needed
- Final email with requested data (takes up to 6 weeks)

### Property Owner will receive...

- Confirmation email with the case number
- Final email with requested data (takes up to 6 weeks)



*Check your spam folder  
for emails*



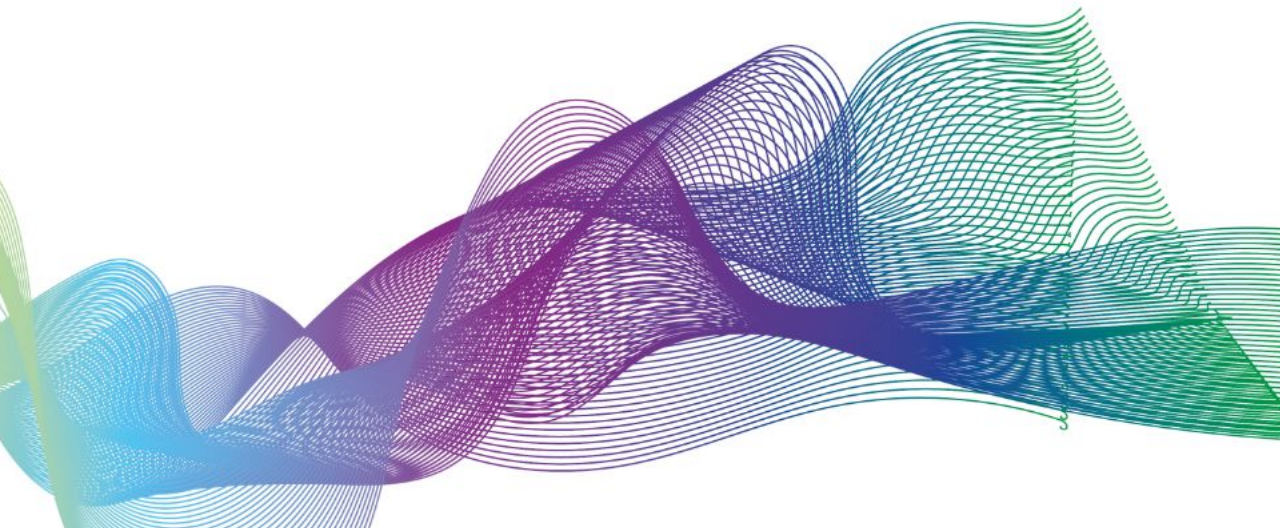
# GAS

## Accessing Data

### Enbridge Gas

Free and easy to use process

- <https://apps.enbridgegas.com/ewrb/>



# WATER

## Accessing Data

### City of Ottawa Website

MyService Ottawa

- login at [ottawa.ca](http://ottawa.ca)

### Email

- [ewrb@ottawa.ca](mailto:ewrb@ottawa.ca)







# REDUCING CONSUMPTION QUICK TIPS



# REDUCING CONSUMPTION

**Track Consumption** - Great first step

- Establish a baseline
- Set goals and track progress
- Identify trends
- Identify Anomalies

## **Conservation Support**

- Receive support from Hydro Ottawa's Conservation & Demand Management team
- [cdm@hydroottawa.com](mailto:cdm@hydroottawa.com)



# Thank You

**Trevor Freeman**  
Supervisor, Key Accounts

[ewrb@hydroottawa.com](mailto:ewrb@hydroottawa.com)



# Better Buildings Ottawa

## Benchmarking and Auditing Program

March 2023





# Overview of Better Buildings Ottawa Strategy

- Approved by Ottawa City Council October 2021
- Commercial building retrofit accelerator
  - Does not include public facilities
- Outlines GHG reduction targets and timelines



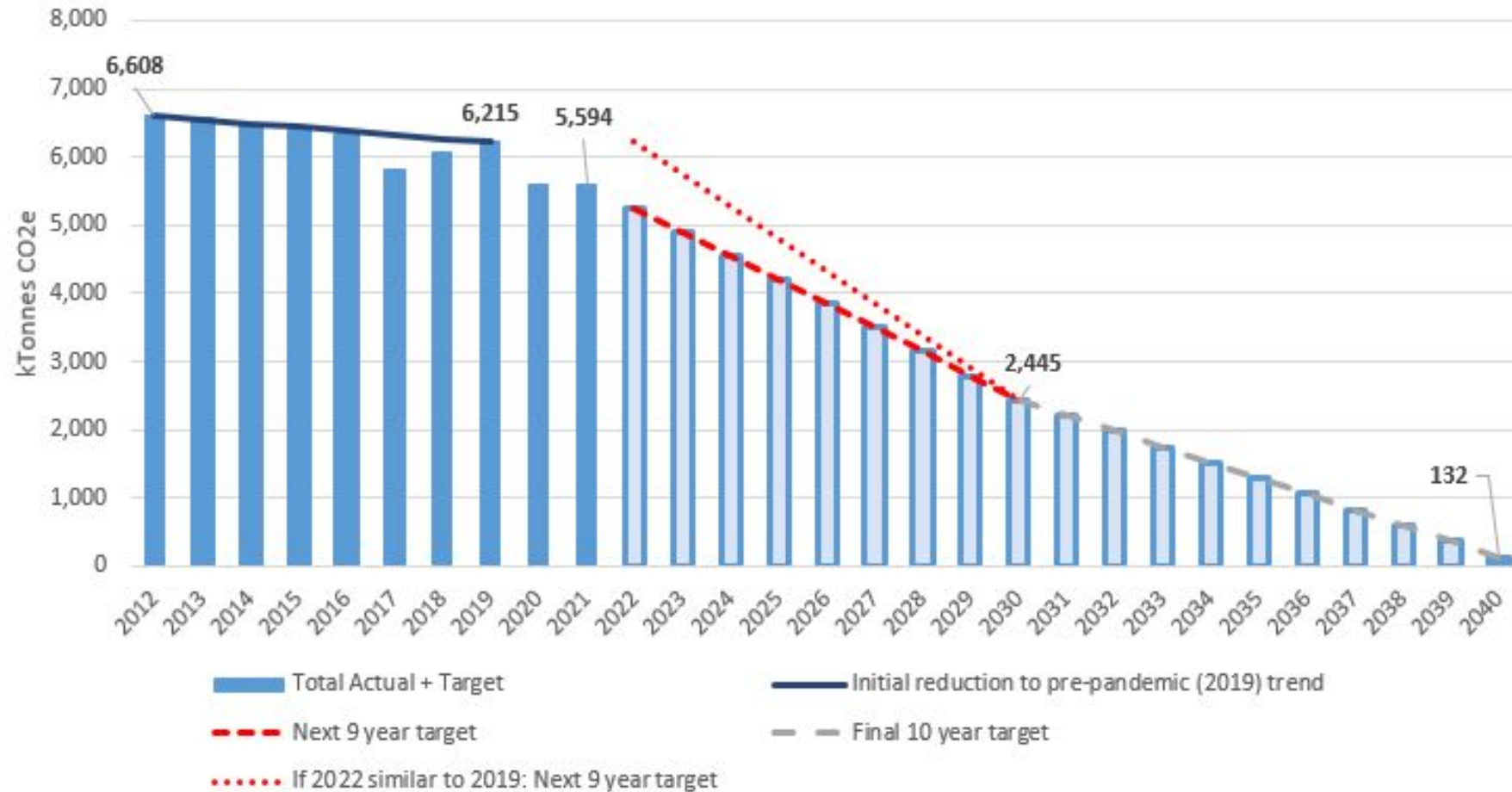
**Climate Change** Master Plan

**BetterBuildings**  
OTTAWA



# Better Buildings Ottawa – GHG Reduction Targets

Community Emissions: Targets for 2030 & 2040



**Climate Change** Master Plan



# Components of Better Buildings Ottawa Strategy

1. **Benchmarking and auditing**
2. Marketing, education and training
3. Economic tools and coordination
4. Regulating disclosure, energy audits and emissions performance
5. Senior government engagement



**Climate Change** Master Plan

**BetterHomes**  
OTTAWA



# Overview Benchmarking and Auditing Program

- Supporting building owners and operators to identify opportunities to reduce energy consumption and GHGs
- Voluntary, owner-initiated program open to those operating buildings:
  - Over 20,000 sq. feet (~1,850 sq. metres)
  - If residential, must be 4 stories or greater
- Public disclosure of energy performance at the building level



**Climate Change** Master Plan

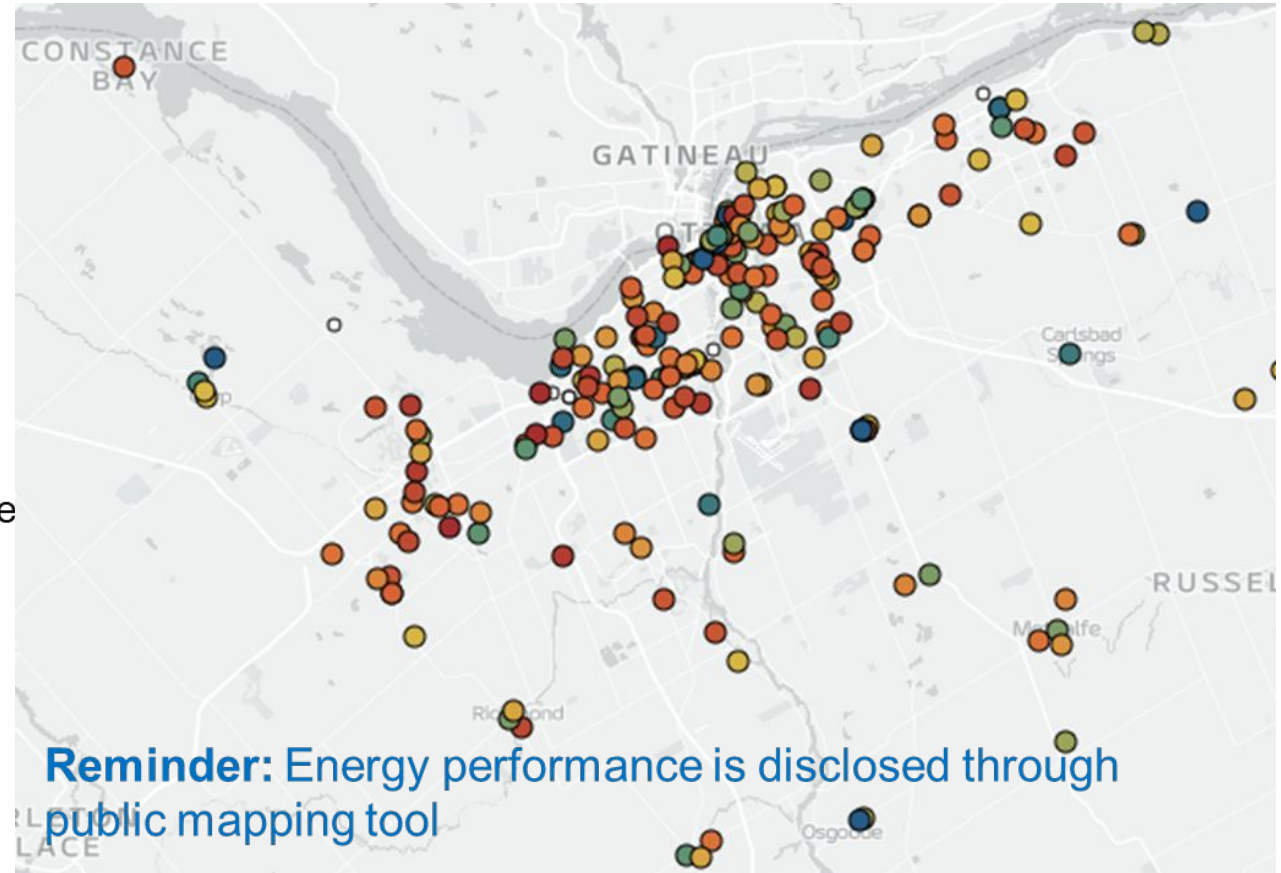
**BetterBuildings**  
OTTAWA





# How it works – Year 2

1. Meet Regulatory EWRB requirements (>50,000sqft). Ministry of Energy is there to help you with this process. *For buildings >20,000sqft and <50,000sqft; Better Buildings Ottawa is here to help you!*
2. Complete a [short intake form](#) for the City of Ottawa's program.
3. Share consumption data with the City of Ottawa through the Energy Star Portfolio Manager platform.
4. Review your free Energy Scorecard & Insights Report for each building or property submitted, and gain access to the City of Ottawa's Better Building Ottawa network. These reports will provide high-level analysis on your property based on monthly utility consumption patterns.
5. Plan & implement your conservation measures while the Better Buildings team keeps working on opportunities to connect you with supports and tools and even district energy systems.



**Climate Change** Master Plan

**BetterBuildings**  
OTTAWA



# Another benchmarking program?

- Same data as EWRB, just encouraging more adoption
- City of Ottawa looking to align benchmarking program with targets laid out in overall climate change strategy
- Public disclosure seen as foundational piece in creating culture of awareness among stakeholders
- Data will support development of future support and financing programs from the City to achieve energy retrofits



**Climate Change** Master Plan

**BetterBuildings**  
OTTAWA





Get Started Now!

Email [betterbuildings@ottawa.ca](mailto:betterbuildings@ottawa.ca)

**BetterBuildings**  
OTTAWA



**Additional Information:**

Webpage: [ottawa.ca/betterbuildings](http://ottawa.ca/betterbuildings)

Newsletter: Better Buildings Ottawa Newsletter

<https://forms.ottawa.ca/en/form/esubscriptions/signup-form>

# Resources

## Ministry of Energy, Northern Development and Mines

[www.ontario.ca/page/report-energy-water-use-large-buildings](http://www.ontario.ca/page/report-energy-water-use-large-buildings)

## ENERGY STAR Portfolio Manager

[www.portfoliomanager.energystar.gov/pm/login.html](http://www.portfoliomanager.energystar.gov/pm/login.html)

## City of Ottawa Better Buildings

[www.ottawa.ca/betterbuildings](http://www.ottawa.ca/betterbuildings)

[betterbuildings@ottawa.ca](mailto:betterbuildings@ottawa.ca)

## Hydro Ottawa

[www.hydroottawa.com/ewrb](http://www.hydroottawa.com/ewrb)

[ewrb@hydroottawa.com](mailto:ewrb@hydroottawa.com)

Questions?