

Energy efficiency upgrades for every building type



Agenda

- 1) Home Winterproofing
- 2) Affordable Housing Multi-Residential
- 3) Affordable Housing-Savings by Design



Presenters for the session



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Home Winterproofing 2025

What is the Home Winterproofing Program?

- A free of cost program that helps affordable housing providers reduce energy costs and improve the comfort of their single-family units.
 - Townhomes, semi-detached, fully-detached, and row homes
- A program that has provided free energy upgrades to more than 65,000 homes!
- A program that is now offered in conjunction with the Energy Affordability program, so one phone call gets you access to two programs.

How the program works



An energy audit of all your units to determine the need for upgrades.



Based on the home energy assessment units may be eligible for free retrofits that include attic, wall and basement insulation, draft proofing, smart thermostat and more.



Professional installation of retrofits by our qualified contractors.

What the program offers



Upgraded insulation

We'll add additional wall, attic or basement insulation to improve home comfort.



Draft proofing

We'll seal leak to ensure cold air and moisture stay out of your home.



Smart thermostat

We'll install a smart thermostat that adjusts automatically to keep you comfortable.



Basic measures

Participants may also be eligible for basic measures like showerheads, aerators and pipe wraps.



Health and safety

Carbon monoxide detectors, attic baffles, bathroom exhaust fans, vermiculite testing, insulation removal due to mold/feces.

Benefits of participating



Lower energy bills.



Reduce energy consumption.



Better temperature regulation during colder months.



Enhance resident comfort.

Sustainability in motion

Success stories of
smart energy choices



Peel Living



Project overview

Peel Living, a provider of affordable housing in Mississauga and Brampton, partnered with our team to implement energy efficiency upgrades across multiple residential properties. The initiative aimed to improve tenant comfort and achieve meaningful energy savings through the Enbridge Gas Home Winterproofing Program.

Key enhancements

- Attic insulation
- Foundation insulation
- Draft proofing



470,848 m³

Estimated annual
natural gas savings

23%

Estimated average
improvement in air change rate

The Ottawa Community Housing Corporation: Cairine Court



Project overview

The Enbridge Gas Home Winterproofing program provided free insulation to qualifying homes and residents in Ottawa Community Housing Corporation: Cairine Court Neighbourhood. This slide summarizes findings associated with the project conducted in 2015.

Completed retrofits

- Vents installation
- Comprehensive air sealing with a variety of foams and sealants
- Blown cellulose was then added over the air sealing
- Assembled new attic hatch with insulation
- Follow-up energy audits and robust quality assurance



55 single family homes
Project scope

64,000 m³
Estimated annual
natural gas savings

Native People of Thunder Bay Housing Development Corporation



Project overview

Detached and semi-detached scattered housing. Enbridge Gas installed insulation at no-cost to qualifying units. Scope included insulation in the attic, main basement wall/header and sealing drafty spots around the combustion air supply pipes. Efficient tenant communications were ensured for smooth contractor scheduling. Additionally, homes received replacement appliances under the Energy Affordability Program.

Completed retrofits

- Attic insulation
- Basement insulation
- Air sealing




22 single family homes
Project scope

26,628 m³
Estimated annual
natural gas savings

Leveraging Enbridge Gas programs in your capital planning

Let Enbridge Gas be your upgrade partner





“It doesn’t
cost you a penny...
It’s just free.”

Patsy, Iroquois Falls

Working together
to bring you more
free upgrades

2 FREE programs

1 EASY application

Home Winterproofing Program



FREE insulation



FREE draft proofing



FREE smart thermostat

Energy Affordability Program



FREE ENERGY STAR®
certified appliances



FREE ENERGY STAR®
certified LED bulbs



FREE cold climate air
source heat pump (for
electrically heated homes)

One phone call, two programs

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Affordable Housing Multi-Residential 2025

Target market

The Affordable Housing Multi-Residential offer targets multi-family buildings throughout the Enbridge Gas area that house low-income customers.

Social housing providers

- Social and assisted housing
- Non-profits and co-ops
- Shelters and supportive housing



What is this program about?

This program offers the following to housing providers with multi-residential buildings:

- Energy audit funding
- Incentives for energy efficiency upgrades
- Expertise and advice from our Energy Solutions Advisors.



Our 2025 incentives

New offers in 2025

Incentive Increase

- Base rate at \$2.50/m³
- Limited Time Offer rate at \$3.00/m³

Non-Part 3 Custom

- Year-round offer specific for buildings three storeys or less

Boilers

- Boiler units no longer eligible for incentives

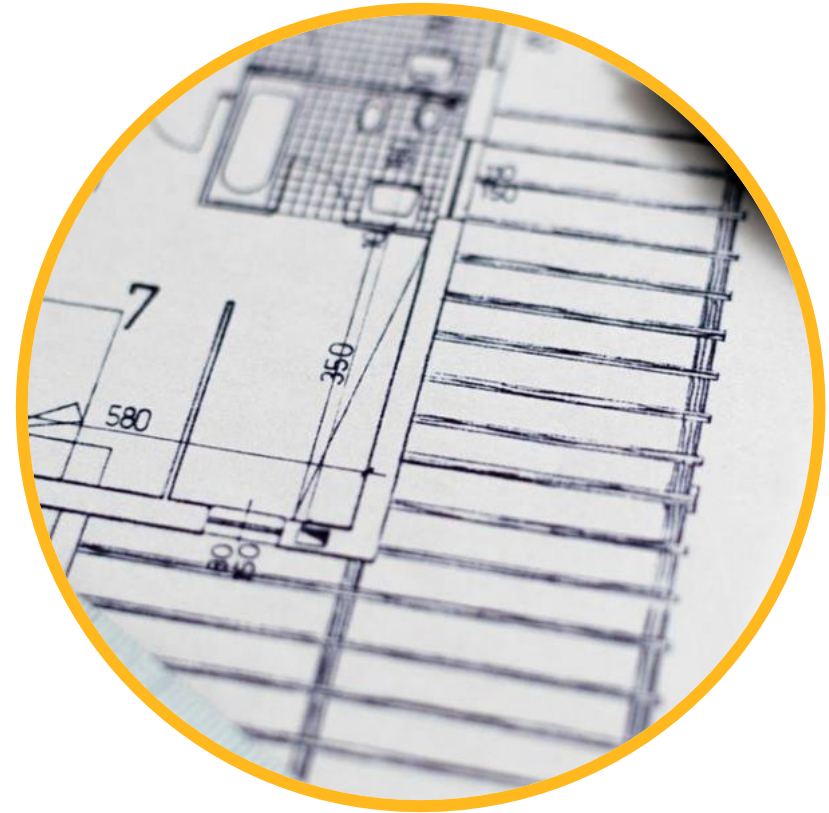
- Boiler controls are still eligible

Hybrid Heat Pump Systems

- Prescriptive and Custom Rooftop Unit offer
- Custom MUA offer

Business Partner Incentives

- Custom projects increased to \$400/project



Custom offer



Eligible technologies

- Controls Systems
- Heat Recovery
- Building Automation Systems
- Variable Frequency Drives
- Heat Pumps



Rate

- \$2.50/annual m³ estimated savings
- Up to 75% of incremental cost to a maximum of \$200,000



Limited Time Offer – Custom Projects

- All eligible custom technologies
- \$3.00/m³
- Up to 75% of incremental cost to a maximum of \$200,000
- Purchase orders required by June 30.
Installation required by Oct. 31.



Non-Part 3 Custom Offer

- Buildings 3 storeys or less, or under 600 m² buildings footprint
- All Custom projects eligible
- \$3.00/m³
- Up to 75% of incremental cost to a maximum of \$200,000
- Offer available through 2025



Prescriptive incentives

- We offer fixed incentives for a variety of energy efficiency equipment. Work with our Energy Solutions Advisors to choose the right equipment and processes for your building.
- Get incentives for the following energy efficiency equipment:
 - Hybrid Rooftop Units
 - Condensing Water Heaters
 - Condensing Make up Air Units
 - Heat Recovery Ventilators (HRV)
 - Energy Recovery Ventilators (ERV)
 - In-suite Heat Recovery Ventilators / In-suite Energy Recovery Ventilators



Hybrid systems

- Hybrid systems utilizing heat pumps with natural gas back-up are eligible throughout 2025.
- Hybrid Rooftop Units are eligible for both Prescriptive and Custom offers.
- Hybrid Makeup Air Units are eligible through Custom offers.

Heating capacity (kBtu/hr)	Incentives per unit
<32 kBtu/hr	\$1,500
>33 to 77 kBtu/hr	\$3,000
>78 to 110 kBtu/hr	\$4,500
>111 to 200 kBtu/hr	\$8,500
>201 kBtu/hr	\$50/kBtu/hr



Direct install

- We offer heat reflector panels including installation. These measures are free of charge in your units.
- Panels provide significant energy savings by reflecting heat back into a room, reducing heat loss through walls, improving indoor comfort, lowering energy bills.

Requirements

- Panels installed in at least 90% of units.
- Boiler supply temperature reduced after installation.
- Additional requirements involving existing building controls, building age, overall insulation levels and external cladding.

Your Energy Solutions Advisor can help you decide if these panels are right for your building.



Building energy assessments

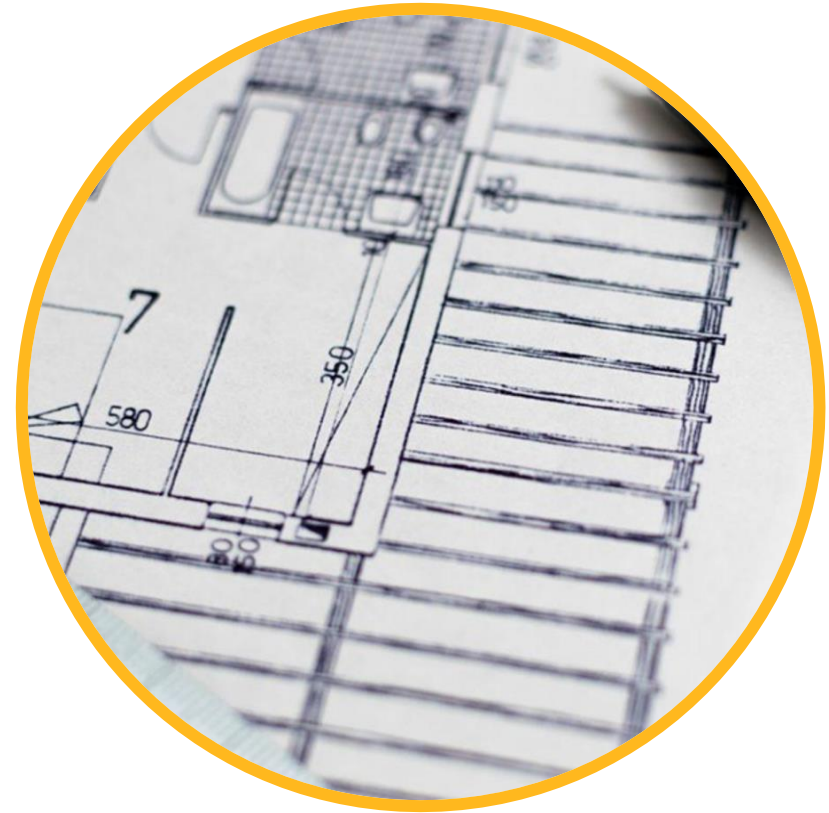
- Participants who get an energy audit can receive an incentive for the full cost of the audit:
 - Up to \$8,000 per building.
 - Annual maximum limit of \$40,000 per housing provider.
- Pre-approval is required. Talk to your Energy Solutions Advisor before starting the audit.



Customer education

Educate your staff with the help of Enbridge Gas. Commercial customers are eligible to receive tuition incentives for the following energy management courses.

- Certified Energy Manager (CEM)
 - Energy managers provide strategies to reduce their carbon emissions and energy usage.
 - Tuition incentives up to 75% or up to \$2,500 of course fees for eligible Enbridge customers.
- Dollars to \$ense Energy Management Workshops
 - Learn how to build an energy management team, find energy-savings opportunities and create a project business case.
 - Tuition incentives up to 75% or up to \$500 per day for any full-day standard or customized workshop for eligible Enbridge Gas customers.
- Certified Sustainable Building Operators
 - Manage the impact of building mechanical and electrical systems on energy use, operational costs and greenhouse gas (GHG) emissions.
 - Tuition incentives up to 75% or up to \$2,250 of course fees for eligible Enbridge Gas customers.



Sustainability in motion

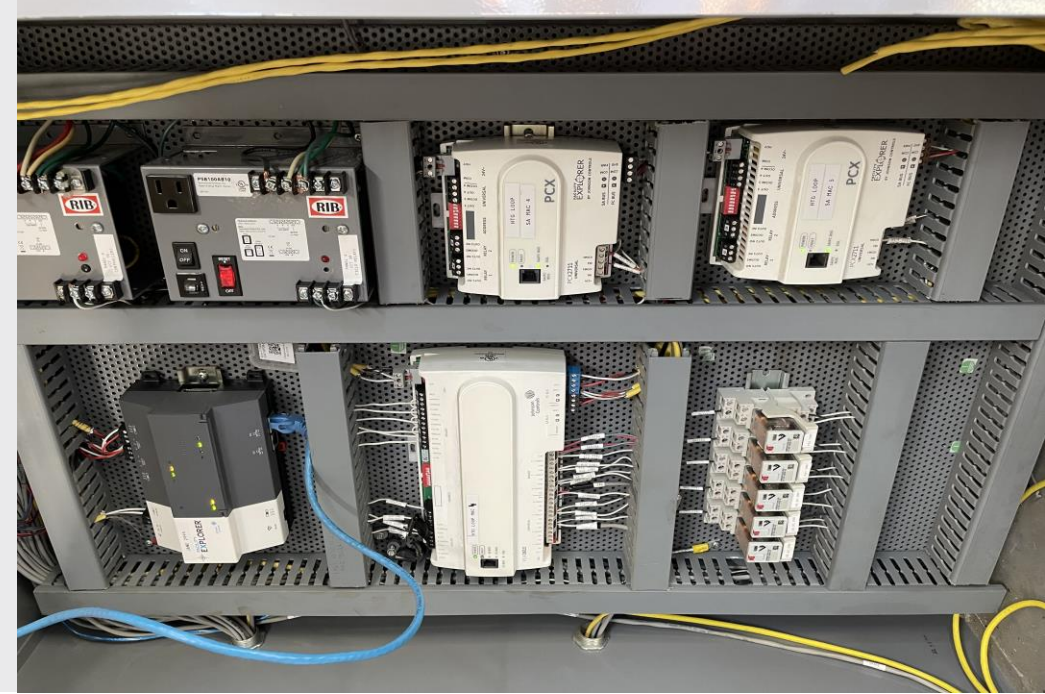
Success stories of
smart energy choices



BAS Implementation

Project details

- 16 Storey – 132-unit multi-residential building.
- All gas equipment on manual control.
- Implementation allowed for a more efficient control strategy, adding remote outdoor reset as well as being able to schedule the units.



\$35,487
Enbridge Gas
incentive

14,195 m³
Projected annual
natural gas savings

27,000 kg CO₂e
Projected
GHG reduction

Heat Recovery on Make-Up Air System



Project details

- 10 Storey – 259-unit multi-residential building.
- Replacement of all existing units with ones with built in Heat Recovery Ventilators.
- Implementation of VFDs to schedule based on demand for building.



\$79,812
Enbridge Gas
incentive

31,925 m³
Projected annual
natural gas savings

62,000 kg CO₂e
Projected
GHG reduction

Addition of Heat Reflector Panels

Project details

- 12 Storey – 96-unit multi-residential building.
- Installation completed in 7 days.
- Further reduction in boiler supply temperature post implementation.



100%

Project cost covered by
Enbridge Gas

18,138 m³

Projected annual
natural gas savings


35,000 kg CO₂e

Projected
GHG reduction

How to get started

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New build affordable housing - Savings by Design

What the program offers



Free expert design assistance.



\$7,500 to offset costs for your team to attend.



Financial incentives up to \$120,000.

Benefits of building better



Lower operating costs.



Reduce energy consumption.



Reduce GHG emissions.



Meet funding program targets.



Enhance resident comfort.

Is your project eligible?

This program is for affordable housing providers planning new construction projects who have received financial assistance, in the past or present, from a government program aimed at creating new affordable housing.



Social and municipal housing.



Shelters, transitional housing
and supportive housing.



Eligible market-rate multi-family
buildings (30% minimum
affordable units).

Is your project eligible?

Your project must:

- Be in Enbridge Gas' service area.
- Be in the early planning stage of a new build project
- Achieve an energy performance target that exceeds Ontario Building Code (OBC) energy performance requirements by at least 20%.
- If a project is located in a municipality with Green Development Standards (GDS) requiring the achievement equal to or above 20% better than Ontario Building Code (OBC), an incremental performance target of 5% above the respective Green Development Standards(GDS) target would be applied.



How the program works

Step 1: Free visioning session

- 1 – 2 hours
- Our team will meet with yours to define your project requirements and sustainability priorities



Step 2: Free design workshop

- 1 full day
- Experience the impacts of different design options with live energy modelling.



Step 3: Incentives up to \$120,000

- Fifty percent of the incentive is earned at the building permit stage.
- The remaining 50% is earned after construction is complete, based on energy performance.



Sustainability in motion

Success stories of
smart energy choices



Peel Region

Key enhancements

- Airtightness of building envelope
- Ventilation and heating upgrades
- Solar wall



Projected annual energy
cost savings of
\$24,564

Projected annual
natural gas savings of
39,911 m³

Projected annual GHG
reduction of
80,889 kg CO₂e

Niagara Regional Housing



Key enhancements

- High-efficiency boiler and chiller system.
- Hot water and energy recover systems.
- High-performance windows.



Projected annual
energy savings* of
21.0%

Projected annual
natural gas savings of
29.9%

Projected annual GHG
reduction of
29,178 kg CO₂e

Regional Municipality of York



Key enhancements

- Air-source heat pumps.
- High-efficiency lighting and sensors.
- Improved wall insulation.
- Variable frequency drives.



Projected annual
natural gas savings* of
28.0%

Projected annual
electricity savings* of
29.9%

Projected annual
energy cost savings* of
\$51,587

Ottawa Community Housing

Key enhancements

- Highly insulated opaque walls and roof.
- Modest window-to-wall ratio.
- High-efficiency condensing boilers, energy recovery ventilators (ERVs) and high-performance windows.



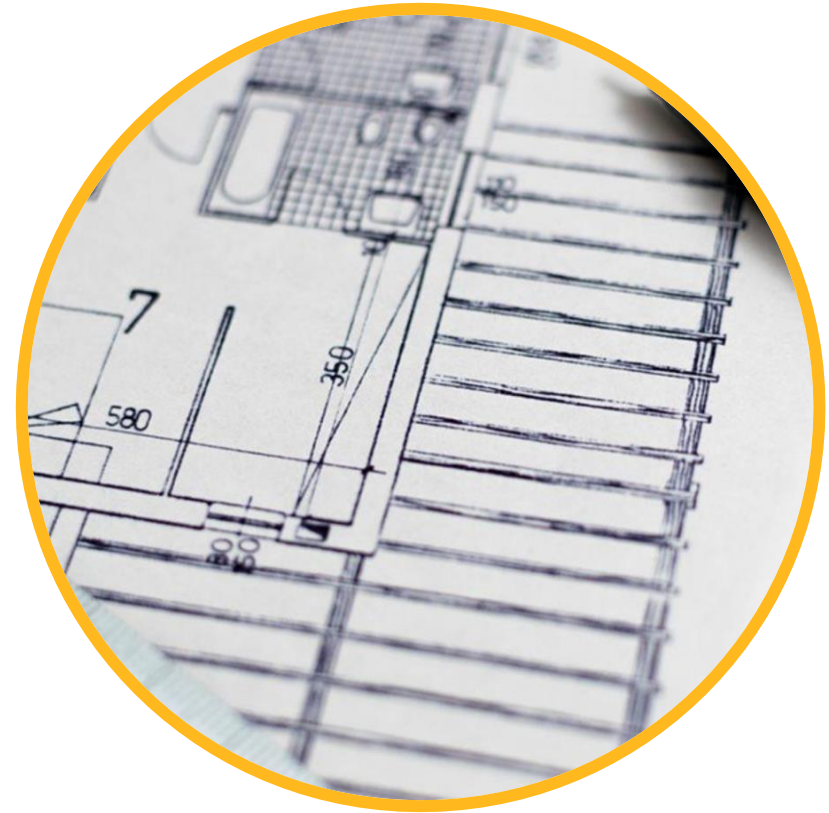
Projected annual
natural gas savings* of
28.1%

Projected annual
energy savings* of
22.7%

Projected annual GHG
reduction* of
136,126 kg CO₂e

Custom new construction

- To assist customers who are not eligible for the Affordable Housing Savings By Design program
- Supports Canada Mortgage and Housing Corporation (CMHC) rapid housing initiative
- Must be in a phase where design/equipment changes are feasible
- Simulation incentive
- Simulation incentive
 - Up to \$8,000
- Implementation incentive
 - \$1.00/m³ of savings above code



How to get started

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Thank you! Questions?
