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ecoENERGY

an ecoACTION initiative

Retrofit Your Home and Qualify for a Grant!

Thinking of ways to make your home more energy efficient? Here's what you can do to reduce your energy consumption and receive grants through ecoENERGY Retrofit.

Natural Resources Canada (NRCan) is offering a new residential energy efficiency assessment service to owners of single family homes including detached, semi-detached and low-rise multi-unit residential buildings (MURBs) that are no more than three storeys high. Under the ecoENERGY Retrofit program, property owners can qualify for federal grants by improving the energy efficiency of their homes, and reducing their home's impact on the environment.

NRCan-licensed energy advisors conduct a detailed on-site assessment of your home's energy use from the attic down to the basement. They then provide you with a personalized report, including a checklist of recommended retrofits to improve the energy efficiency of your home or MURB and, in some cases, to reduce water consumption. The report also shows the grant amounts for each eligible upgrade that you can receive by carrying out these energy saving improvements.

On the following pages, you will find a list of improvements covered under ecoENERGY Retrofit – Homes and the corresponding grant amounts. The maximum grant you can receive for a home or MURB is \$5,000.

Canada

Eligible Improvements / Retrofits

Grant Amounts

HEATING SYSTEM

Replace your heating equipment with

- an ENERGY STAR® qualified gas furnace that has a 90.0% annual fuel utilization efficiency (AFUE) or better
- an ENERGY STAR® qualified gas furnace that has a 92.0% AFUE or better, and a DC variable-speed motor
- an ENERGY STAR® qualified oil or gas boiler that has an 85.0% AFUE or better
- an ENERGY STAR® qualified oil furnace that has an 83.0% AFUE or better
- an ENERGY STAR® qualified oil furnace that has an 85.0% AFUE or better, and a DC variable-speed motor
- a CAN/CSA-C448 compliant ground- or water-source heat pump

Install an ENERGY STAR® qualified air-source heat pump.
(*per equipment installed)

Install a minimum of 5 electronic thermostats for electric baseboard heaters. Electric baseboards must be the primary system. (**for each set of 5 installed)

Replace your wood-burning appliance with a model that meets either CSA-B415.1-M92 (Performance Testing of Solid-Fuel-Burning Heating Appliances) or the U.S. Environmental Protection Agency (EPA) wood-burning appliance standards (40 CFR Part 60). (*per equipment replaced)

VENTILATION SYSTEM

Install a heat recovery ventilator that is certified by the Home Ventilating Institute. (See www.hvi.org) (*per equipment installed)

COOLING SYSTEM [Replacement Only]

Replace your central air conditioner with an ENERGY STAR® qualified unit.

Replace your window air conditioner(s) with an ENERGY STAR® qualified unit(s).
(*per unit replaced)

DOMESTIC HOT WATER SYSTEM

Install a solar domestic hot water system that meets CAN/CSA Standards.

Replace your domestic hot water heater with an instantaneous gas water heater that has an energy factor (EF) of 0.80 or better.
(*per equipment installed)

Replace your domestic hot water heater with a condensing water heater that has an EF of 0.80 or better. (*per equipment installed)

Install a drain-water heat recovery (DWHR) system. Grants are based on the length of the pipe installed.

• three quarter (3/4) metre to one (1) metre

• over one (1) metre

(* per unit installed)

The grant level for DWHR technology relative to the savings and other technologies is currently under review and could be adjusted in the near future. If adjusted upward, grants would be retroactively adjusted.

SINGLE FAMILY HOME

for 1st system for 2nd system

MURB
(per building)

\$300 \$150

\$500 \$250

\$600 \$300

\$300 \$150

\$500 \$250

\$3,500 N/A

\$400 N/A

\$30 N/A

\$300 \$150

\$300 N/A

\$200 N/A

* \$20 N/A

\$500 N/A

\$200 N/A

\$300 N/A

* \$50 N/A

* \$100 N/A

SAME
AS SINGLE
FAMILY
HOME

* \$400

** \$30

* \$300

* \$300

\$200

* \$20

\$500

* \$200

* \$300

* \$50

* \$100

(For a multi-unit residential building, the grant is multiplied by the MURB MULTIPLIER shown on the next page.)

ATTIC INSULATION

Grants listed reflect 100 percent of roof area being of one type.
When the roof has more than one type (e.g. attic and cathedral), all applicable grants are pro-rated based on area type that is entirely insulated.
Increase the insulation value of 100 percent of:

	SINGLE FAMILY HOME		
	STARTING POINT		
	up to R-12	+R-12 to R-25	+R-25 to R-35
• your attic to achieve a total minimum insulation value of RSI 7 (R-40)	\$400	\$200	N/A
• your attic to achieve a total minimum insulation value of RSI 8.8 (R-50)	\$600	\$300	\$100
• your flat roof and/or cathedral ceiling to achieve a total minimum insulation value of RSI 5 (R-28)	\$600	\$200	N/A
• your uninsulated flat roof and/or cathedral ceiling by a minimum of RSI 1.8 (R-10)	\$400	[STARTING POINT: UNINSULATED]	

EXTERIOR WALL INSULATION

A minimum of 20 percent of total exterior wall surface must be insulated to qualify.
The grant is based on the percentage of surface area insulated.

	MINIMUM ADDITIONAL INSULATION		
	R-3.8 to R-9	+R-9	
20%	\$180	\$300	
40%	\$360	\$600	
60%	\$540	\$900	
80%	\$720	\$1,200	
100%	\$900	\$1,500	

BASEMENT INSULATION

A minimum of 20 percent of the basement's total wall surface must be insulated to qualify.

The grant is based on the percentage of surface area insulated.

	MINIMUM ADDITIONAL INSULATION		
	R-10 to R-23	+R-23	
20%	\$100	\$200	
40%	\$200	\$400	
60%	\$300	\$600	
80%	\$400	\$800	
100%	\$500	\$1,000	

BASEMENT HEADER INSULATION

Seal all of your basement header area and increase all of its insulation value by a minimum of RSI 3.5 (R-20).

SINGLE FAMILY HOME	MURB
\$100	see MURB multiplier on the next page

CRAWL SPACE INSULATION

100 percent of the crawl space's total wall surface must be insulated to qualify, or

Insulate 100 percent of the floor above the crawl space to increase its insulation value by a minimum of RSI 4.2 (R-24) to qualify.

	MINIMUM ADDITIONAL INSULATION	
	R-10 to R-23	+R-23
	\$400	\$800
	N/A	\$200

AIR SEALING

Perform air sealing to improve the air tightness of the home/building to reach the target as indicated in your energy efficiency evaluation report.

SINGLE FAMILY HOME	MURB
\$150	see MURB multiplier on the next page

BONUS: You can obtain an additional \$150 incentive if you reach 20 percent better than target.

	SINGLE FAMILY HOME per unit replaced	MURB per unit replaced
DOORS/WINDOWS/SKYLIGHTS (heated space only)		
Replace windows and skylights with models that are ENERGY STAR® qualified for your climate zone.	\$30	\$30
Replace your exterior door(s) with an ENERGY STAR® qualified model(s) for your climate zone.	\$30	\$30
WATER CONSERVATION	SINGLE FAMILY HOME per unit replaced	MURB per unit replaced
Replace your toilet with a low-flush or dual-flush toilet rated at 6 litres per flush or less that meets the Los Angeles Supplementary Purchase Specification (SPS) and with a flush performance of 350 grams or more. A product list is available on the Veritec Consulting Inc. Web site at veritec.ca.	\$50	\$50

MURB MULTIPLIERS (for insulation and air sealing)

Number of Dwellings	2-3	4-6	7-9	10+
Multiplier	1.0	1.5	2.0	2.5

IMPORTANT NOTES:

1. All upgrades or renovations must meet local codes and by-laws. Pay special attention to the placement of vapour barriers when adding insulation to the building envelope. Before undertaking upgrades or renovations, find out about the appropriate products and installation techniques to ensure that your home's building envelope and indoor air quality will not be compromised.
2. In replacing any of the equipment listed in this brochure, the new equipment must have a higher efficiency than that of the original equipment.
3. Incentives for attic insulation will vary according to the existing level of insulation. For example, if you increase the insulation from a low RSI value, such as RSI 1.8 (R-10), to a new value of RSI 7 (R-40), you will receive a larger incentive than if you started from RSI 4.2 (R-24) and increased it to RSI 7 (R-40).
4. Insulation value in RSI = R insulation value divided by 5.678.
5. In the case of multi-unit residential buildings, the total incentive will be calculated for the entire building and not for each dwelling upgraded within.
6. For more information on ENERGY STAR® qualified products, visit energystar.gc.ca. The ENERGY STAR® name and the ENERGY STAR® symbol are registered trademarks of the United States Environmental Protection Agency and are used with permission.
7. Natural Resources Canada reserves the right to update the information contained in this document, including the grant amounts, as required.

**To book an appointment with an NRCAN-licensed energy advisor,
visit our Web site at ecoaction.gc.ca
and follow the links to ecoENERGY Retrofit
or call 1-800-O-Canada (1-800-622-6232) TTY: 1-800-926-9105**

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