



Nova Scotia EnerGuide for Houses/ecoENERGY Retrofit Program

Rebate Guide

conserve

it starts with me

Saving Energy and Cutting Greenhouse Gas Emissions

– It Starts With Me

If you've had enough of the high energy bills in your drafty house, you can change the way you use energy by participating in the Nova Scotia EnerGuide for Houses program and the federal government's ecoENERGY Retrofit Program.

Through this joint provincial-federal program, you can receive grants of up to \$6,500 just for improving the energy performance of your home. While you're at it, you can cut your energy costs by 30 percent on average. These savings are permanent.

You can be part of the solution to fight climate change through our program. On average, participants just like you, can reduce your greenhouse gas emissions by 4.6 tones per year – and that's just in your house alone. Imagine what your community can achieve.

With savings like that, you can't afford to pass on this opportunity. Invest in your home and enjoy the savings and comfort of an energy efficient home today.

Sign Up Today!

Four groups currently offer the energy efficient housing evaluation program in Nova Scotia.

Sustainable Housing (province wide, including HRM):
1-877-722-2842

Clean Nova Scotia (Mainland Nova Scotia):
1-800-665-5377

AmeriSpec of Nova Scotia (HRM, Annapolis Valley and Truro):
1-866-284-6010

ACAP Cape Breton (Cape Breton Regional Municipality): 902-567-1628

The cost for the energy evaluation is \$450, but Conserve Nova Scotia pays two-thirds of that cost up front. Total cost to you is \$150 plus HST. (*some auditors may charge more to recover additional travel and related expenses).

Nova Scotia EnerGuide for Houses: Low-to-Modest Income Assistance Program

If you are a low-to-modest income Nova Scotian, the provincial government will rebate the \$150 plus HST cost of the energy evaluation to you. Once you've made your energy upgrades to your home, you'll also qualify for an additional \$400 grant. Homeowners with a net single income less than \$25,000 or a net family income less than \$40,000 qualify. This is an income-tested program for which participants must apply. Applications are available online at www.conservens.ca/energguide, by calling 1-800-670-4357, or at any Access Nova Scotia centre.

Ready to Save?

Read on and discover the savings chart to find out what rebates you're eligible for - start saving today. Saving energy pays.

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

\$300

\$150

An ENERGY STAR qualified gas furnace that has a 92.0% AFUE or better, and a DC variable-speed motor

\$500

\$250

An ENERGY STAR qualified oil or gas boiler that has an 85.0% AFUE or better

\$600

\$300

An ENERGY STAR qualified oil furnace that has an 85.0% AFUE or better, and a DC variable-speed motor

\$500

\$250

An ENERGY STAR qualified oil furnace that has an 85.0% AFUE or better

\$300

\$150

Install a CAN/CSA-C448 compliant earth-energy system (ground or water source).*

\$3,500

N/A

Replace the heat pump unit of an existing earth-energy system (ground or water source). The system must be compliant with CAN/CSA-C448.

\$1,400

N/A

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

\$400

N/A

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

\$30

N/A

Replace your wood-burning appliance with a model that meets either CSA-B415.1-M92 or the U.S. Environmental Protection Agency (EPA) wood-burning appliance standards (40 CFR Part 60) or with a wood pellet stove (including stoves that burn corn, grains or cherry pits). (***) per equipment replaced)

\$300

\$150

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

\$300

N/A

COOLING SYSTEM (Replacement Only)

Replace your central air-conditioning system with an ENERGY STAR qualified SEER 14.5 system (complete system replacement, including any indoor and outdoor components). See the "Important Notes" section regarding the grant amount.

\$200

N/A

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

* \$20

N/A

Nova Scotia
EnerGuide for
Houses Incentive

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 a thermal efficiency of 90 percent or better. (*per equipment replaced)

Replace your domestic hot water heater with a condensing gas or propane 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 efficiency of the pipe installed.

- efficiency between 30 and 42 percent
- efficiency between 43 and 54 percent

Indirect hot water heaters installed with a low mass boiler oil or gas

SINGLE FAMILY HOME

1st system

2nd system

Nova Scotia EnerGuide for Houses Incentive

\$500

N/A

\$500

\$250

N/A

\$300

N/A

*\$75

\$130

N/A

*\$75

*\$130

* \$250

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 up to 100 percent of:

Your attic to achieve a total minimum insulation value of RSI 7 (R40)

Your attic to achieve a total minimum insulation value of RSI 8.8 (R50)

Your flat roof and/or cathedral ceiling to achieve a total minimum insulation value of RSI 5 (R28)

Your uninsulated flat roof and / or cathedral ceiling by a minimum of RSI 1.8 (R10) [Starting Point: Uninsulated]

SINGLE FAMILY HOME STARTING POINT

up to R12 R12 to R25 R26 to R35

\$400

\$200

N/A

\$600

\$300

\$100

\$600

\$200

N/A

\$400

Province will match Federal incentives

EXTERIOR WALL INSULATION

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

In the case of a row or semi-detached house, see the "Important Notes" section regarding the grant amount.

MINIMUM ADDITIONAL INSULATION

R3.8 to R9

R9+

20%

\$180

\$300

40%

\$360

\$600

60%

\$540

\$900

80%

\$720

\$1,200

100%

\$900

\$1,500

Province will match Federal incentives

EXPOSED FLOOR INSULATION

Insulate your exposed floor (minimum of 150 square feet is necessary) and increase all of its insulation value by a minimum of RSI 3.5 (R-20).

\$150

Province will match Federal incentives

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 exterior wall area insulated and does not include common walls between individual dwelling units. (In the case of a row or semi-detached, see the "Important Notes" section regarding the grant amount.) The applicable grant for basement and crawl space combined is pro-rated on the type that is entirely insulated. The maximum grant for basement and crawl space combined is \$1,000.

MINIMUM ADDITIONAL INSULATION R10 to R23 R23+

20%	\$100	\$200
40%	\$200	\$400
60%	\$300	\$600
80%	\$400	\$800
100%	\$500	\$1,000

Province will match Federal incentives

BASEMENT HEADER INSULATION

Seal and insulate all of your basement header area by a minimum of RSI 3.5 (R20).

SINGLE FAMILY HOME

\$100

Province will match Federal incentives

CRAWL SPACE INSULATION

100 percent of the crawl space's total wall surface must be insulated to qualify. In the case of a row or semi-detached house, see the "Important Notes" section regarding the amount.

Insulate 100 percent of the floor above the crawl space to increase its insulation value by a minimum of RSI 4.2 (R24) to qualify.

MINIMUM ADDITIONAL INSULATION R10 to R23 R23+

\$400 \$800

N/A \$200

Province will match Federal incentives

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*.

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

SINGLE FAMILY HOME

\$150

Province will match Federal incentives

DOORS/WINDOWS/SKYLIGHTS (heated space only)

Replace windows and skylights with models that are ENERGY STAR qualified for your climate zone.

Replace your exterior door(s) with an ENERGY STAR qualified model(s) for your climate zone.

SINGLE FAMILY HOME per unit replaced

\$30

\$30

Province will match Federal incentive

WATER CONSERVATION

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 Specifications (SPS) and with a flush performance of 350 grams or more.

SINGLE FAMILY HOME per unit replaced

\$50

Province will match Federal incentive

A product list is available on this Website:
www.veritec.ca/reports.

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 energy 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 (R10), to a new value of RSI 7 (R40), you will receive a larger incentive than if you started from RSI 4.2 (R24) and increased it to RSI 7 (R40).
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 upgrade 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 and Conserve Nova Scotia reserve the right to update the information contained in this document, including the grant amounts as required. Provincial grant amounts are dependent on the actual grants issued from the federal government.
8. In the case of a semi-detached house or a row house that is an end unit, the grant amount for the insulation of exterior above grade, basement or crawl space walls is 75 percent of the amount shown under the Basement Insulation and Crawl Space Insulation sections. In the case of a row house that is a middle unit, the grant amount is 50 percent of the amount shown.
9. Central air conditioners and air-source heat pumps must be ENERGY STAR qualified with a seasonal energy efficiency ratio (SEER) of 14.5 or greater to be eligible for a grant. To meet this requirement, a manufacturer's new ENERGY STAR qualified matched condenser coil (outdoor unit comprised of condenser coil, compressor and cooling fan) and indoor evaporator coil (typically located with the furnace / air handler) must be SEER 14.5 or greater. Under no circumstance will the replacement of only one of these coils entitle the homeowner to a grant for the cooling system, just as components that are not certified by the manufacturer as being matched will not be accepted.

Currently, many companies match their SEER 13 central air conditioner coil packages with one of their DC variable speed motor equipped furnaces / air handlers (i.e. blower) as a method to reduce the power consumption requirement for ENERGY STAR compliance and labelling. However, NRCan will NOT accept this arrangement under the ecoENERGY program because the outside condenser unit must meet the minimum SEER 14.5 requirement with its matching inside evaporator coil only and not in combination with an energy-efficient motor from a furnace.

When having your new central air conditioner or air-source heat pump installed, ask the contractor to indicate on your invoice the manufacturer's name (not the model name) of the condenser coil and the model numbers of BOTH the new condenser and new evaporator coils. The energy advisor will request to see this information when performing the post-retrofit evaluation on your home.
10. Rebates for multi-unit buildings can be found at ecoaction.gc.ca or call 1-800-O-Canada

To book an appointment with an NRCan-licensed energy advisor,

visit ecoaction.gc.ca and follow the links to ecoENERGY Retrofit or call 1-800-O-Canada, TTY: 1-800-926-9105 or visit the Nova Scotia EnerGuide for Houses Web site at www.conservens.ca/energuide or call the EnerInfo line at 1-800-670-4636

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