

## Grants for Energy Efficiency Upgrades

### Federal ecoENERGY Retrofit Homes Program

Up to \$5000 available  
(NOT dependent upon income, NOT taxable)

The Federal Government offers post-retrofit grants to homeowners who adequately improve their home's energy efficiency. To be eligible, homeowners must first have a pre-retrofit Home Energy Evaluation performed by an energy advisor licensed by Natural Resources Canada. Homeowners then have up to 18 months to complete any work and have a follow-up evaluation conducted, verifying retrofits were made.

**Eligibility:** To be eligible for federal and provincial grants homeowners must have a home energy evaluation conducted BEFORE they begin retrofits. One initial evaluation qualifies homeowners for both grant programs. Grant amounts are NOT dependent upon income and are NOT taxable.

**Cost:** The cost of the first evaluation is \$150 plus tax\* for houses up to 2500 sq. ft., including the basement. An additional fee applies for larger homes. The cost of the follow-up evaluation is \$50 plus tax.

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

Low- to modest-income Nova Scotians that qualify for the EnerGuide for Houses Assistance Program will also receive a grant of up to \$400 in addition to the provincial EnerGuide grant. Qualified participants will also be reimbursed the cost of the initial home energy evaluation. If you're a homeowner with a net single income of less than \$25,000 or a homeowner with a net family income of less than \$40,000, you may qualify.

For more information, or to request an evaluation, call us today.

**Toll Free: 1-877-722-2842**

info@sustainablehousing.ca  
www.sustainablehousing.ca

# ecoENERGY Retrofit – Homes & Nova Scotia EnerGuide for Houses

## Eligible Improvements / Retrofits

The amounts below represent the maximum combined federal and provincial grants for each eligible upgrade. Grant limits are set at \$5000 federally and \$1500 provincially.

### Heating Systems

receive up to

- Replace your heating system with a qualified (Oil or Gas) Boiler ..... \$600
- Replace your heating system with a qualified (Oil or Gas) Furnace..... \$500
- Replace your heating system with a qualified Air-Source Heat Pump..... \$400
- Replace your heating system with a qualified Geothermal Heat Pump..... \$3500
- Install a minimum of 5 electronic thermostats for electric baseboard heaters..... \$30
- Replace your wood-burning appliance with an EPA certified Wood Stove or with a Wood Pellet Stove..... \$300

### Cooling Systems

- Replace your Central Air Conditioner with an ENERGY STAR® Qualified Model ..... \$200
- Replace your Window Air Conditioner(s) with an ENERGY STAR® Qualified Model(s) ..... \$20/unit

### Domestic Hot Water System

- Install a Solar Domestic Hot Water System ..... \$500 (Solar Domestic Hot Water Systems or Solar Hot Air Systems also qualify for a 15% rebate through the Nova Scotia EnerGuide for Houses)
- Replace your hot water heater with an Instantaneous Gas Water Heater with an Energy Factor (EF) of 0.80 or better ..... \$250
- Replace your hot water heater with a Condensing Water Heater with an EF of 0.80 or better ..... \$300
- Install an Indirect Water Heater with a Low Mass Boiler (Oil or Gas)..... \$250

### Drain-Water Heat Recovery System

receive up to

- Grants are based on the efficiency of pipe installed ..... \$260

### Water Conservation

- Replace your toilet with a low-flush or dual-flush toilet rated at 6 liters per flush or less, that meets SPS with a flush performance of 350 grams or more..... \$100  
A product list is available at [www.veritec.ca](http://www.veritec.ca).

### Ventilation Systems

- Install an HRV that is certified by the Home Ventilating Institute .... \$300

### Insulation

- Insulate your attic..... \$1200
- Insulate your exterior walls..... \$3000
- Insulate your exposed floor ..... \$300
- Insulate your basement walls ..... \$2000
- Insulate your basement headers..... \$200
- Insulate your crawl space wall surface..... \$1600
- Insulate the floor above your crawl space..... \$400

### Air Sealing

- Reduce your Air Leakage to at least 20% Less than Target ..... \$450

### Windows, Skylights & Doors

- Replace your windows or skylights with models that are ENERGY STAR® Qualified .....\$60/unit
- Replace your exterior doors with models that are ENERGY STAR® Qualified .....\$60/unit

To schedule an evaluation please call Sustainable Housing at

**1-877-722-2842**

The initial evaluation costs \$150 plus tax for a home that is less than 2500 sq. ft., including the basement. There is an additional \$25/500 sq. ft. charge if the home is larger than 2500 sq. ft. The follow-up evaluation costs \$50 plus tax. Travel fees may apply in some areas.



## Case Study: Do-It-Yourself Costs and Rebates

The costs below were calculated using retail prices for materials. They reflect options specific to this house. Since costs vary depending upon the specifics of each retrofit, these prices should serve only as general guides. The costs do not include labour.

### 40-year old Split Entry (28 ft. x 44 ft., 8 ft. walls)



#### Pre-Retrofit Specifications

Attic: R-12  
Walls: R-8  
Basement: Uninsulated  
Windows: Single-glazed

Grants amounts for attic insulation depend upon the starting R value of the attic and the post-retrofit R value of the attic.

Grants amounts for wall and basement insulation depend upon how much additional insulation is added.

Do-It-Yourself	Cost including tax	Federal ecoEnergy	ConserveNS (up to 1500)	Total Grants	Cost After Grant
<b>Attic (sq. ft.) 1232</b>					
Fiberglass R-40	\$1,197.26	\$400.00	\$400.00	\$800.00	\$397.26
Cellulose R-40	\$626.47	\$400.00	\$400.00	\$800.00	(\$173.53)
Fiberglass R-50	\$1,420.00	\$600.00	\$600.00	\$1,200.00	\$220.00
Cellulose R-50	\$835.30	\$600.00	\$600.00	\$1,200.00	(\$364.70)
<b>Walls (sq. ft.) 1296</b>					
R-3.8	\$424.70	\$900.00	\$900.00	\$1,800.00	(\$1,375.30)
R-12	\$468.63	\$1,500.00	\$1,500.00	\$3,000.00	(\$2,531.37)
R-20	\$790.82	\$1,500.00	\$1,500.00	\$3,000.00	(\$2,209.18)
<b>Basement (sq. ft.)* 1152</b>					
R-10 Celfort	\$1848.50	\$500.00	\$500.00	\$500.00	\$848.50
R-12 2x4	\$1497.02	\$500.00	\$500.00	\$500.00	\$497.02
R-20 2x4 + 1" foam	\$2,056.78	\$1,000.00	\$1,000.00	\$1,000.00	\$56.78
*Cost for 2x4 basement walls includes: insulation, poly, drywall, fasteners, 2x4 studs					
*Cost for Celfort includes: poly, drywall, fasteners					
<b>Window</b>					
10 ENERGY STAR®	\$3,000.00	\$300.00	\$300.00	\$600.00	\$2,400.00

## Steps for Receiving Federal and Provincial Grants

1. Property owner calls Sustainable Housing toll free at 1-877-722-2842 to book a Home Energy Evaluation. This evaluation is necessary for homeowner to receive grants. The evaluation must take place BEFORE homeowner begins retrofits. This initial evaluation costs \$150 plus tax with an additional fee for houses over 2500 sq. ft., including the basement.
2. Sustainable Housing visits the property and conducts a home energy evaluation, which takes between 2 and 3 hours. The home energy evaluation includes:
  - i. Taking measurements of the geometry of the building, the insulation type and R value in the walls, basement and attic;
  - ii. Performing a blower door test that locates the air leakage areas throughout the house and measures the building's leakage rate (air changes per hour); and
  - iii. Providing the property owner with verbal recommendations at the end of the evaluation. Property owner can start upgrades as soon as evaluation is completed.
3. Energy Advisor performs energy modeling and prepares a report for the property owner that includes recommendations and eligible grant items. Report is sent to property owner within three weeks.
4. Property owner has 18 months from the time of the home energy evaluation to complete any grant-eligible work. Property owner may choose to do some, all or none of the recommended upgrades. Property owner can only apply for the grants once.
5. Once all the grant-eligible work is completed, the property owner contacts Sustainable Housing to book a follow-up evaluation.
6. Energy Advisor returns to the property and verifies which energy upgrades have been carried out and performs another blower door test. This takes 45 to 60 minutes and costs \$50 plus tax.
7. Energy Advisor completes grant application form and property owner signs it and keeps one copy.
8. Sustainable Housing forwards the grant application to the Federal Government.
9. The Federal Government sends grant cheque to property owner within 90 days and forwards the grant application to the Province of Nova Scotia.
10. Province of Nova Scotia sends property owner provincial grant cheque. This is usually received 30 days after receiving the federal grant cheque.