

## Grants for Energy Efficiency Upgrades NOT dependent upon income, NOT taxable

### **Federal ecoENERGY Retrofits Homes Program** up to \$5000 available

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 who is 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.

### **Efficiency New Brunswick Existing Homes Energy Efficiency Upgrades Program**

Grant up to \$2000 or interest-free loan up to \$10,000

Efficiency New Brunswick provides homeowners with a grant or an interest-free loan to help make their houses more energy efficient. The grant will be calculated at 20% of eligible upgrade costs (including HST) to a maximum of \$2000. Interest-free loans between \$1,000 and \$10,000 are available, repayable over a maximum 6-year term.

**Eligibility:** To be eligible for the federal and provincial programs 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 \$50 plus tax\* for houses up to 2000 sq. ft., including the basement. An additional fee applies for larger homes. There is no cost for the follow-up evaluation.

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

### Eligible Improvements / Retrofits

In addition to these federal grants, the Province of New Brunswick offers property owners a grant of up to \$2,000 or an interest-free loan of up to \$10,000. The grant will be calculated at 20% of eligible upgrade costs (including HST) to a maximum of \$2,000.

<b>Heating Systems</b>	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
<b>Ventilation Systems</b>	
• Install an HRV that is certified by the Home Ventilating Institute.....	\$300
<b>Cooling Systems</b>	
• 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).....	(per unit) \$20
<b>Domestic Hot Water System</b>	
• Install a Solar Domestic Hot Water System.....	\$500
• Replace your hot water heater with an instantaneous gas water heater that has an energy factor (EF) of 0.80 or better.....	\$200
• Replace your hot water heater with a condensing gas or propane water heater with an EF of 0.80 or better.....	\$300
<b>Drain-Water Heat Recovery System</b>	
• Grants are based on the efficiency of pipe installed.....	\$130
<b>Insulation – Insulate</b>	
• Your attic.....	\$600
• Your exterior walls.....	\$1500
• Your exposed floor.....	\$150
• Your basement walls.....	\$1000
• Your basement headers.....	\$100
• Your crawl space wall surface.....	\$800
• The floor above your crawl space.....	\$200
<b>Reducing Air Leakage</b>	
• Reduce your Air Leakage to at least 20% Less than Target.....	\$300
<b>Windows/Skylights/Doors</b>	
• Replace your windows or skylights with models that are ENERGY STAR® Qualified.....	(per unit) \$30
• Replace your exterior doors with models that are ENERGY STAR® Qualified.....	(per unit) \$30
<b>Water Conservation</b>	
• 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) with a flush performance of 350 grams or more.....	\$50
A product list is available at <a href="http://www.veritec.ca">www.veritec.ca</a>	

To schedual an evaluation please call Sustainable Housing at

**1-877-722-2842**

The initial evaluation has a cost of \$50 + tax for a home that is less than 2000 sq. ft, including the basement. There is an additional \$50/1000 sq. ft. charge if the home is larger than 2000 sq. ft.

## 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	Efficiency NB (20%)	Total Grants	Cost After Grant
<b>Attic (sq. ft.) 1232</b>					
Fiberglass R-40	\$1,197.26	\$400.00	\$239.45	\$639.45	\$557.81
Cellulose R-40	\$626.47	\$400.00	\$125.29	\$525.29	\$101.18
Fiberglass R-50	\$1,420.00	\$600.00	\$284.00	\$884.00	\$536.00
Cellulose R-50	\$835.30	\$600.00	\$167.06	\$767.06	\$68.24
<b>Walls (sq. ft.) 1296</b>					
R-3.8	\$424.70	\$900.00	\$84.94	\$984.94	(\$560.24)
R-12	\$468.63	\$1,500.00	\$93.73	\$1,593.73	(\$1,125.09)
R-20	\$790.82	\$1,500.00	\$158.16	\$1,658.16	(\$867.34)
*Efficiency NB 20% incentive can include siding, air barrier, caulking cost					
<b>Basement (sq. ft.)* 1152</b>					
R-10 Celfort	\$1848.50	\$500.00	\$369.70	\$869.70	\$978.80
R-12 2x4	\$1497.02	\$500.00	\$299.40	\$799.40	\$697.62
R-20 2x4 + 1" foam	\$2,056.78	\$1,000.00	\$411.36	\$1,411.36	\$645.42
*Cost for 2x4 basement walls includes: poly, drywall, fasteners, 2x4 studs					
*Cost for Celfort includes: poly, drywall, fasteners					
<b>Window</b>					
10 ENERGY STAR®	\$3,000.00	\$300.00	\$600.00	\$900.00	\$2,100.00

## 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 in order for homeowner to receive grants. The evaluation must take place BEFORE homeowner begins retrofits. This initial evaluation costs \$50 plus tax for houses under 2000 sq. ft., including the basement. An additional fee applies for larger houses.
2. Sustainable Housing visits the property and conducts a home energy evaluation. This 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 two 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. There is no fee for this visit.
7. Energy Advisor completes the federal grant application form and the property owner signs it and keeps one copy. Energy Advisor completes the Efficiency New Brunswick Check List and the property owner signs it.
8. Sustainable Housing submits the federal grant application and sends the property owner the completed Efficiency New Brunswick Check List and report.
9. The property owner submits the provincial grant application to Efficiency New Brunswick.
10. The Federal Government sends grant cheque to property owner within 90 days.
11. Efficiency New Brunswick sends the property owner the provincial grant cheque within two weeks of receiving the application.