



ENERGY-EFFICIENCY UPGRADE
PROGRAM FROM THE
AGENCE DE L'EFFICACITÉ
ÉNERGÉTIQUE

aee.gouv.qc.ca

FINANCIAL ASSISTANCE TABLE

Electricity, Fuel Oil and Propane Clients
May 2011

FIRST ENERGY EVALUATION CHECKLIST

You can validate the main tasks performed by your energy efficiency advisor by answering the questions below.

TASKS	✓
Did the energy efficiency advisor explain what was to be expected during the energy evaluation and what procedures were involved, including the blower door test?	
Did the energy efficiency advisor give you tips to reduce your energy consumption as he toured the house?	
Did the energy efficiency advisor take pictures of your house, both indoors and outdoors?	
Did the energy efficiency advisor take the measurements of your house?	
Did the energy efficiency advisor make sure that the fireplace flue and the windows were closed before performing the blower door test?	
Did the energy efficiency advisor check the attic space?	
Did the energy efficiency advisor conduct the blower door test?	
Did the energy efficiency advisor walk through the house with you to check for air infiltrations?	
Did the energy efficiency advisor note down the particulars of the heating system?	
Did the energy efficiency advisor explain the financial assistance chart, the evaluation report and the upcoming steps of the program?	

SECOND ENERGY EVALUATION CHECKLIST

TASK	✓
Did the energy efficiency advisor go over the work that was carried out and conduct another blower door test during the second energy evaluation?	

If one of the above-mentioned tasks was not performed, please bring it up with your evaluator advisor.

Please feel free to call us at 1-866-266-0008 for more information.

RÉNOCLIMAT PROGRAM Electricity, Fuel Oil and Propane Clients

SINGLE-FAMILY HOUSES¹ DUPLEXES AND TRIPLEXES

What is the Rénoclimat program?

Rénoclimat is a program offered by the Agence de l'efficacité énergétique (AEE) to encourage the owners of single-family dwellings, duplexes and triplexes to renovate efficiently, in order to lower their energy bills and improve comfort. The program includes pre- and post-renovation energy evaluations, the assignment of an energy rating onsite by an energy advisor, and the possibility of financial assistance.

Renovate efficiently. It pays!

Do you own a single-family home, duplex or triplex that you want to renovate? Choose to be energy efficient and you'll be eligible for financial assistance.

Here are the five simple steps to follow:

1. Make an appointment with an energy-efficiency advisor for a preliminary Rénoclimat energy evaluation of your home before you start your renovations. Call 1-866-266-0008 to make the appointment.
2. Receive your evaluation report, which includes your home's EnerGuide rating and a list of ways you can improve your home's energy efficiency.
3. Do your renovations based on the evaluation report—it's an excellent tool to help you prioritize the work to be done.
4. Request a second Rénoclimat energy evaluation once your renovations are finished. During the second evaluation, the advisor verifies the work that was done and calculates a new EnerGuide rating for your home. If the rating has improved by at least two points on the EnerGuide scale, you can receive financial assistance from the Agence de l'efficacité énergétique (see p. 9 for a list of renovations that will not increase the rating by at least two points).
5. Receive, by mail, a financial assistance cheque from the Agence de l'efficacité énergétique for the Rénoclimat program.

IMPORTANT

- You have 18 months from the date of your first energy-efficiency evaluation to do the renovations and to make an appointment for a second Rénoclimat evaluation.
- Note that financial assistance is calculated based on the type of energy used in your dwelling during the second energy evaluation. Be sure to ask your advisor for more information if you are converting to another type of energy.

www.aee.gouv.qc.ca
1-866-266-0008

¹ Individual, attached or row houses.

The following tables present the energy-efficiency measures that are eligible for financial assistance and the potential amounts that may be awarded, depending on the nature of the renovations completed or the amount of space renovated.

SINGLE-FAMILY HOMES

A - RENOVATIONS TO IMPROVE THE ENERGY EFFICIENCY OF YOUR HOME'S ENVELOPE

1. Improving the current insulation level of your home: ROOF²

ATTIC	INSULATED AREA					✓
Improvement of current insulation value	100%	80%	60%	40%	20%	
From R-12 and under to R-50 (RSI 8.8)	\$600	\$480	\$360	\$240	\$120	
From R-12 and under to R-40 (RSI 7)	\$400	\$320	\$240	\$160	\$80	
Between R-12 and R-25 to R-50 (RSI 8.8)	\$300	\$240	\$180	\$120	\$60	
Between R-12 and R-25 to R-40 (RSI 7)	\$200	\$160	\$120	\$80	\$40	
Between R-25 and R-35 to R-50 (RSI 8.8)	\$100	\$80	\$60	\$40	\$20	

CATHEDRAL OR FLAT ROOF	INSULATED AREA					✓
Improvement of current insulation value	100%	80%	60%	40%	20%	
From R-12 and under to R-28 (RSI 5)	\$600	\$480	\$360	\$240	\$120	
Between R-12 and R-25 to R-28 (RSI 5)	\$200	\$160	\$120	\$80	\$40	
From an insulated roof to R-12 (RSI 1.8)	\$400	\$320	\$240	\$180	\$80	

² If the roof has more than one style (e.g. attic, cathedral, flat, etc.), the amount will be prorated based on the surface area of the roof type that is fully insulated.
At least 20% of the total roof area must be insulated to be eligible for financial assistance.

2. Improving the current insulation level of your home: FOUNDATIONS³

BASEMENT	INSULATED AREA					✓
Improvement of insulation value	100%	80%	60%	40%	20%	
By more than R-23 (RSI 4)	\$1,000	\$800	\$600	\$400	\$200	
Between R-10 and R-23 (RSI 1.8 and RSI 4)	\$500	\$400	\$300	\$200	\$100	
BASEMENT JOIST (insulating and sealing)						
By more than R-20 (RSI 3.5)	\$100					

OR

CRAWL SPACE (exterior walls or floor)	100% OF SURFACE	✓
a) Exterior walls (including joists): By more than R-23 (RSI 4)	\$800	
Between R-10 and R-23 (RSI 1.8 and RSI 4)	\$400 maximum	
b) Floor surface above the crawl space: By more than R-24 (RSI 4.2)	\$200 maximum	

3. Improving the current insulation level of your home: EXTERIOR WALLS⁴

EXTERIOR WALLS	INSULATED AREA					✓
Improvement of insulation value	100%	80%	60%	40%	20%	
By more than R-9 (RSI 1.5)	\$1,500	\$1,200	\$900	\$600	\$300	
Between R-3.8 and R-9 (RSI 0.7 and RSI 1.5)	\$900	\$720	\$540	\$360	\$180	

4. Improving the current insulation level of your home: EXPOSED FLOOR

EXPOSED FLOOR		✓
Improvement of insulation value	minimum of 14m ² (150ft ²)	
By at least R-20 (RSI 3.5)	\$150	

³ At least 20% of the total wall area must be insulated to be eligible. Where there is a basement and crawl space, financial assistance is prorated based on their respective surface area, according to the program. In the case of corner units in semi-detached or row houses, the amount of financial assistance for insulating basement walls is 75% of the amount indicated. In the case of row houses that are not corner units, the amount of financial assistance is 50% of the amount indicated.

⁴ At least 20% of the total wall area must be insulated to be eligible for financial assistance. Financial assistance is based on the percentage of the wall area that is insulated, not including shared (party) walls. In the case of a semi-detached home or a corner-unit row house, the amount of financial assistance for insulating the exterior walls is 75% of the amount indicated. In the case of a row house that is not a corner unit, the amount of financial assistance is 50% of the amount indicated.

5. Improving the AIR-TIGHTNESS of your home (decreasing air infiltration)

AIR-TIGHTNESS		✓
Surpassing the air-infiltration reduction target recommended in the evaluation report by 20%	\$300	
Surpassing the air-infiltration reduction target recommended in the evaluation report by 10%	\$225	
Reaching the air-infiltration reduction target recommended in the evaluation report	\$150	

B - IMPROVING THE ENERGY EFFICIENCY OF THE SYSTEMS IN YOUR HOME

6. Improving your home's VENTILATION (improving air quality)

HEAT-RECOVERY VENTILATOR		✓
Installation or replacement of a heat-recovery ventilator certified by the Home Ventilating Institute (see Section 3 at: http://www.hvi.org)	\$300	

7. Improving your domestic HOT WATER system

PROPANE		✓
Replacing a propane water-heating system with an instantaneous, condensing propane-fired water heater that is ENERGY STAR certified and has an energy factor (EF) of 0.90 or higher	\$450	
Replacing a propane water-heating system with a condensing propane storage-type water heater (with tank) that has a thermal efficiency of 0.94 or higher	\$450	
Replacing the existing propane system with an instantaneous, propane-fired water heater that is ENERGY STAR certified and has an energy factor (EF) of at least 0.82	\$450	

ELECTRICITY OR FUEL OIL		✓
% efficiency	42% et +	de 30% à 41,9%
Installation of a drainwater heat-recovery system for an electric or oil-powered water-heating system	\$100	\$50

8. Improving your HEATING system

PROGRAMMABLE ELECTRONIC THERMOSTAT		✓
Installation of a programmable electronic thermostat for oil-fired central heating	\$30	
GEOTHERMAL SYSTEM		✓
Replacement or installation of a complete geothermal system (ground or groundwater source) that is compliant with CAN/CSA-C448 and certified by the Canadian GeoExchange Coalition		
Fuel oil and propane	\$3,300	
Electricity	\$1,300 (+\$2,000 ⁵)	
AIR-SOURCE HEAT PUMP		✓
Installation of an air-source heat pump for heating and air conditioning that is ENERGY STAR certified ⁶	\$400 ⁷	

5 Hydro-Québec offers financial assistance of \$2,000 to replace or install a geothermal system. Find out more at www.hydroquebec.com.

6 Important information about air-source heat pumps and central air-conditioning systems

To be eligible for this assistance, the home must achieve an insulation level of R-40 (RSI 7) for an attic or R-28 (RSI 5) for a cathedral or flat roof. In addition, it must achieve the air-tightness level that is suggested in the evaluation report, or an air-tightness level that is equal to or lower than 2.5 CAH50.

As regards air-source heat pumps and central air-conditioning systems, any new coils that are matched by the manufacturer, i.e., the refrigeration coil (exterior device including the refrigeration coil, compressor and fan) and the interior evaporator coil (generally adjacent to the hot-air generator) must be ENERGY STAR certified and have an SEER rating of at least 14.5. In no case will replacing only one coil make the homeowner eligible for financial assistance. Combining components that are not certified compatible (tested together) by the manufacturer is also not accepted. Some manufacturers combine a pair of air-source cooling/heat pump coils that have a low SEER rating with a hot-air generator equipped with a DC brushless motor (i.e., fans) as a way to reduce energy consumption and thereby meet the ENERGY STAR certification and labeling requirements. This type of arrangement is not acceptable under the Rénoclimat program.

To be ENERGY STAR certified in Canada, air-source heat pumps must have an SEER rating of at least 14.5 and, in addition, have a Heating Seasonal Performance Factor (HSPF) of at least 7.1 for Region V, which is most representative of the Canadian climate. A heat pump that only meets the requirements of Region IV, which is applicable to the US, must have a factor of at least 8.2.

Ductless mini-split heat pumps must include at least one device per floor, excluding the basement, to qualify for financial assistance.

When installing your new air-source heat pump, ask the contractor to indicate on your bill the name of the manufacturer of the refrigeration coil (instead of the model name) and the model numbers of both the refrigeration and evaporator coils. The bill must also include the reference number of the Air-Conditioning, Heating and Refrigeration Institute (AHRI, also known as ARI). The energy-efficiency advisor will ask for this information during the evaluation following your home renovations.

7 For the heat pump, converting to electricity from any other form of energy is not eligible for financial assistance.

DUPLEXES ET TRIPLEXES

You are also eligible for FINANCIAL ASSISTANCE!

MULTIPLIER FOR RESIDENTIAL BUILDINGS WITH MULTIPLE DWELLINGS			✓
Number of dwellings	2	3	
Rénoclimat multiplier	2.0	2.0	

- The multiplier only applies to the amounts for insulation and air-tightness measures (Part A).
- Financial assistance for all other measures is calculated without a multiplier.
- In the case of heat-recovery ventilators (HRV), financial assistance is allocated according to the number of dwellings or the number of HRVs installed (max.: 1 HRV per dwelling).

OTHER PROGRAMS

Hydro-Québec also offers programs for improving your home's energy performance.

Find out more at www.hydroquebec.com.

IMPORTANT INFORMATION

- Read the recommendations in your Rénoclimat evaluation report very carefully.
- Financial assistance is awarded only if a device is replaced by one that is more efficient.
- The Agence de l'efficacité énergétique reserves the right to change the information in this document without notice, including the financial-aid amounts and the eligibility conditions. Consult the website or contact the Agence de l'efficacité énergétique, using the contact information provided at the end of this document.
- The Agence de l'efficacité énergétique and its agents do not recommend the services of any contractor or any product in particular. The AEE is not responsible for the choice or performance of materials, products or contractors, or the quality of the renovations.
- Renovations done as part of an addition to a property after the first evaluation are not eligible for financial assistance and may decrease the EnerGuide rating and the amount of financial assistance awarded.
- All improvements and renovations must be done in accordance with municipal codes and regulations. Before proceeding, find out about the correct products and installation methods to avoid degrading your building's envelope or its interior air quality.
- The following renovations are not eligible for financial assistance from the Agence de l'efficacité énergétique if they are not accompanied by other renovations to improve the energy performance of your home (an improvement of at least two points in the EnerGuide rating):
 - Installation of electronic thermostats
 - Replacement of air conditioners
 - Water-conservation measures
 - Window replacement
 - Door replacement
 - Light caulking, or
 - Any other measure not taken into account in calculating the EnerGuide energy efficiency rating.
- For information on certified ENERGY STAR products, see www.energystar.gc.ca.



FOR MORE INFORMATION:

www.aee.gouv.qc.ca
1-866-266-0008

**Agence de l'efficacité
énergétique**

Québec 