

How to get started

Step 1 - Find an energy advisor and book your Home Energy Audit

Finding a Natural Resources Canada (NRCan) certified energy advisor is easy. Go to Ontario.ca/HomeEnergy to find a list of NRCan certified energy advisors in your area and book your Home Energy Audit today. Ontario will pay 50%, up to \$150, for your audit.

Step 2 - Your energy advisor will find your home's energy leaks

During your Home Energy Audit, an energy advisor will find your home's energy leaks and show what you can do to plug them. Your energy advisor will provide your personalized Energy Efficiency Report and a plan that can reduce your energy bills.

Step 3 - Plug the leaks with energy-saving upgrades

Need a new furnace or water heater? Caulking around your windows and doors? Improved Insulation? Make upgrades suggested in your Energy Efficiency Report and you'll improve your home's energy efficiency.

Step 4 - When work is completed, book your post-retrofit audit

After your first audit, you have 18 months to complete some or all of the upgrades suggested in your audit to qualify for government rebates. After completing your retrofit, book a post-retrofit audit. Your energy advisor will perform another audit that shows how much your home's energy efficiency has improved.

Step 5 - Get up to \$10,000 in government rebates

After your post-retrofit audit, Ontario and the Government of Canada will rebate up to \$10,000 for your energy efficient retrofit. The more energy-saving upgrades you make, the more money you'll get back.

Important Notes

1. When replacing ANY of the equipment listed in this brochure, the new equipment must have an efficiency rating higher than that of the original equipment. The second system must be of the same type and efficiency.
2. New installations are not eligible in cases where improvements listed state "Replace." Natural Resources Canada (NRCan) and the Ontario Ministry of Energy and Infrastructure (MEI) reserve the right to revise the information contained in this document, including the grant amounts and the eligibility requirements, without notice. The payment of grants is subject to the availability of funds. Please refer to www.Ontario.ca/HomeEnergy for the most up-to-date information. NRCan and MEI do not endorse the services of any contractor or any specific product and accepts no liability in the selection of materials, products, contractors or performance or workmanship.
3. All upgrades or renovations must meet local codes and by-laws. 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.
4. Renovations that are part of an addition made to a property following the pre-retrofit evaluation are not eligible for a retrofit grant and may reduce the grant amount for the improvement done on the existing portion of the house. Consult your energy advisor.
5. 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.
6. Important Information about Air-Source Heat Pumps and Central Air Conditioners
 - a. In the case of air-source heat pumps and central air conditioners, a manufacturer's new ENERGY STAR qualified matched condenser coil (outdoor unit comprising a condenser coil, compressor and cooling fan) and indoor evaporator coil (typically located with the furnace) must have a SEER of 14.5 or higher. Under no circumstances will the replacement of only one of these coils entitle the homeowner to a grant, just as components that are not certified by the manufacturer as being matched (i.e. tested together) will not be accepted. Currently, some manufacturers match their low SEER air conditioner/air-source heat pump coil packages with one of their brushless DC motor-equipped furnaces (i.e. blowers) as a method to reduce the power consumption requirement for ENERGY STAR compliance and labelling. However, this arrangement is not accepted under the ecoENERGY Retrofit – Homes program and the Ontario Home Energy Savings Program because NRCan already provides separate grants for furnaces that have an energy-efficient brushless DC motor.
 - b. To be ENERGY STAR qualified in Canada, in addition to the minimum requirement of SEER 14.5, air-source heat pumps must also have a minimum heating seasonal performance factor (HSPF) of 7.1 for Region V, which is more reflective of the Canadian climate. If the heat pump is only rated for Region IV, which is used in the United States, it must have a minimum HSPF of 8.2.
 - c. Mini-split (ductless) air-source heat pumps must have at least one head per floor, excluding the basement, to qualify for a grant.
 - d. In the case of mini-split (ductless) air conditioners that do not have at least one head per floor, excluding the basement, each head will be considered a room air conditioner and the grant amount will be reflected as such.
 - e. 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 evaporator coils. Preferably, the Air-Conditioning and Refrigeration Institute (ARI) reference number should also be referenced on the invoice. The energy advisor will request to see this information when performing the post-retrofit evaluation of your home.
7. Insulation value in RSI equals the R insulation value divided by 5.678.
8. Numbers shown in chart represent matching rebates provided by the Government of Ontario and the Government of Canada's ecoENERGY program.



Ontario.ca/HomeEnergy

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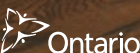


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It pays to be green



Lower your energy bills and get up to \$10,000 in Ontario and federal rebates



Plug those energy leaks and get up to \$10,000 in Ontario and federal rebates



Poor attic insulation



Energy leaks around doors



Inefficient old air conditioners



Energy-guzzling old furnaces

If your home's older than 10 years, chances are very good you're leaking energy — a lot of energy and a lot of money. The government of Ontario will pay 50%, up to \$150, for a Home Energy Audit that will explain your home's energy use — attic to basement. It will find all your home's energy leaks and show you how to plug them.

Your audit provides a personalized Energy Efficiency Report and a plan that could allow you to reduce your energy bill by up to 30%. Make the upgrades suggested in your home energy efficiency report and you can take advantage of up to \$10,000 available in Ontario and federal retrofit rebates.

To book an appointment with an NRCan-licensed energy advisor, visit Ontario.ca/HomeEnergy or call 1-800-O-Canada (1-800-622-6232) TTY: 1-800-926-9105

Eligible Improvements and Retrofits

	Single Family Home		MURB
	for 1st system	for 2nd system	(per building)
 Heating System - Replace your heating system with:			
an ENERGY STAR® qualified gas furnace that has a 92.0 percent annual fuel utilization efficiency (AFUE) or higher	\$750	\$380	Same As Single Family Home
an ENERGY STAR qualified gas furnace that has a 92.0 percent AFUE or higher and a brushless DC motor	\$1,250	\$630	
an ENERGY STAR qualified gas furnace that has a 94.0 percent AFUE or higher and a brushless DC motor	\$1,300	\$700	
an ENERGY STAR qualified gas furnace that has a 94.0 percent AFUE or higher and a brushless DC motor (when installing a condensing furnace for the first time)	\$1,580	\$800	
an ENERGY STAR qualified condensing gas boiler that has a 90.0 percent AFUE or higher	\$1,500	\$750	
an ENERGY STAR qualified oil boiler that has an 85.0 percent AFUE or higher	\$1,500	\$750	
an ENERGY STAR qualified oil furnace that has an 85.0 percent AFUE or higher	\$750	\$380	
an ENERGY STAR qualified oil furnace that has an 85.0 percent AFUE or higher and a brushless DC motor	\$1,250	\$630	
In the case of mobile homes (only)	\$750	N/A	
where a zero-clearance furnace is being replaced, an ENERGY STAR qualified zero-clearance gas furnace that has a 90.0 percent AFUE or higher			
Install an earth-energy system (ground or water source) that is compliant with CAN/CSA-C448 and certified by the Canadian GeoExchange Coalition (www.geo-exchange.ca) – applies to a new system or a complete replacement.	\$8,750	N/A	
Replace a heat pump unit of an existing earth-energy system (ground or water source). The system must be compliant with CAN/CSA-C448 and certified by the Canadian GeoExchange Coalition (www.geo-exchange.ca). (*per equipment replaced)	\$3,500	N/A	*\$3,500
Replace your existing space and domestic water heating equipment with an integrated mechanical system (IMS) that has an overall thermal performance factor of 0.90 or higher. The system must be compliant with the CSA P.10-07 standard and meet or exceed the standard's premium performance requirements. (*per equipment replaced)	\$3,250	N/A	*\$3,250
Replace your wood-burning appliance with a model that meets either CSA-B415.1-M92 or the U.S. Environmental Protection Agency (EPA) (40 CFR Part 60) wood-burning appliance standard; an indoor wood pellet-burning appliance (includes stoves, furnaces and boilers that burn corn, grain or cherry pits); or a masonry heater. (*per equipment replaced)	\$750	\$380	*\$750
Replace your solid fuel-fired outdoor boiler with a model that meets CAN/CSA-B415.1 or the U.S. EPA Outdoor Wood-fired Hydronic Heater (OWHH Method 28) Program, Phase 1. The capacity of the new boiler must be equal to or smaller than the capacity of the boiler being replaced.	\$750	N/A	\$750 (per building)
Install a minimum of 5 electronic thermostats for electric baseboard heaters. Electric baseboard heating must be the primary space heating system. (*for each set of 5 electronic thermostats)	\$80/5	N/A	*\$80
Install an ENERGY STAR qualified air-source heat pump for both heating and cooling that has a seasonal energy efficiency ratio (SEER) of 14.5 or higher and a minimum heating capacity of 12 000 Btu/hour. See "Important Information about Air-Source Heat Pumps and Central Air Conditioners." (*per equipment installed)	\$1,000	N/A	*\$1,000

	Single Family Home		MURB
	for 1st system	for 2nd system	(per building)
 Cooling System			
Replace your central air-conditioning system with an ENERGY STAR qualified system that has a SEER of 14.5 or higher (complete system replacement, including indoor coil and outdoor components). See "Important Information about Air-Source Heat Pumps and Central Air Conditioners."	\$500	N/A	\$500 (per building)
Replace your window air conditioner(s) with an ENERGY STAR qualified unit(s). See "Important Information about Air-Source Heat Pumps and Central Air Conditioners."	\$50 (per unit replaced; maximum of 5 units)	N/A	\$50 (maximum of 2 units per dwelling unit)
 Ventilation System			
Install a ventilation system that is certified by the Home Ventilating Institute (HVI) as a heat- or energy-recovery ventilator. The HVI Product Directory is available at www.hvi.org. Click "Consumers" and "Certified Products Directory." (*per equipment installed)	\$750	N/A	*\$750
 Domestic Hot Water System			
Install a solar domestic hot water system with solar collectors that meets the CAN/CSA F378.87 standard and provides a minimum energy contribution of 6000 megajoules per year. For a list of eligible solar collectors, see the "Glazed Water Heating Solar Collectors – Flat Plate Collectors" and "Glazed Water Heating Solar Collectors – Evacuated Tube and Concentrating Collectors" sections of the "List of Accepted Solar Collectors" found at www.ecoaction.gc.ca/heat. (*per equipment installed)	\$2,500	N/A	*\$2,500
Replace your domestic hot water heater with an ENERGY STAR qualified instantaneous, gas-fired water heater that has an energy factor (EF) of 0.82 or higher and is on the ecoENERGY Retrofit – Homes list of eligible domestic hot water heaters (refer to the Web site indicated at the end of this brochure). (*per equipment replaced)	\$630	N/A	*\$630
Replace your domestic hot water heater with an ENERGY STAR qualified instantaneous, condensing gas-fired water heater that has an EF of 0.90 or higher and is on the ecoENERGY Retrofit – Homes list of eligible domestic hot water heaters (refer to the Web site indicated at the end of this brochure). (*per equipment replaced)	\$750	N/A	*\$750
Replace your domestic hot water heater with a condensing gas storage-type water heater that has a thermal efficiency of 94 percent or higher and is on the ecoENERGY Retrofit – Homes list of eligible domestic hot water heaters (refer to the Web site indicated at the end of this brochure). (*per equipment replaced)	\$750	N/A	*\$750
Install a drain-water heat recovery (DWHR) system. Grants are based on the efficiency of the system, determined by an independent testing facility. For a list of eligible systems and their efficiency, go to www.ecoaction.gc.ca/homes and refer to "Questions and Answers." (*per equipment installed)			
efficiency between 30.0 and 41.9 percent	\$190	N/A	*\$190
efficiency of 42.0 percent or higher	\$330	N/A	*\$330
 Building Envelope			
When adding insulation to the building envelope, pay special attention to the type and the placement of vapour barriers per local building codes.			
For a multi-unit residential building, the grant for insulation is multiplied by the MURB MULTIPLIER shown at the end of this chart.			

 Ceiling Insulation			
A minimum of 20 percent of the total ceiling area must be insulated to qualify. When the roof has more than one type (i.e. attic, cathedral ceiling, flat roof), all applicable grants are pro-rated based on the ceiling area that is insulated. The maximum grant for any combination of attic, cathedral ceiling and flat roof is \$1,500. Grants listed reflect 100 percent of the ceiling area being of one roof type.			
Increase the insulation value of:	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)	\$1,000	\$500	N/A
your attic to achieve a total minimum insulation value of RSI 8.8 (R-50)	\$1,500	\$750	\$250
your flat roof and/or cathedral ceiling to achieve a total minimum insulation value of RSI 5 (R-28)	\$1,500	\$500	N/A
Add a minimum insulation value of RSI 1.8 (R-10) to your uninsulated flat roof and/or cathedral ceiling and qualify for a grant of \$1,000.			
 Exterior Wall Insulation			
	Minimum Additional Insulation		
	Percent Area	R-2.8 to R-9	greater than R-9
A minimum of 20 percent of the total exterior wall area must be insulated to qualify. The grant is based on the percentage of wall area that is insulated and does not include walls between individual dwelling units. See "Important Note about Semi-Detached and Row Houses."	20%	\$450	\$750
	40%	\$900	\$1,500
	60%	\$1,350	\$2,250
	80%	\$1,800	\$3,000
	100%	\$2,250	\$3,750
 Exposed Floor Insulation (overhangs and floors above an unheated space, excluding crawl spaces)			
Insulate your entire exposed floor and increase its insulation value by a minimum of RSI 3.5 (R-20). A minimum floor area of 14 square metres (150 square feet) must be insulated to qualify.		\$380	
 Foundation Insulation			
When both a basement and crawl space are present, all applicable grants are pro-rated to a maximum of \$2,500 based on the total wall area that is insulated.			
 Basement Insulation			
	Minimum Additional Insulation		
	Percent Area	R-10 to R-23	greater than R-23
A minimum of 20 percent of the foundation's wall area (including basement and crawl space walls, when applicable) must be insulated to qualify. The grant is based on the percentage of wall area that is insulated and does not include walls between individual dwelling units. See "Important Note about Semi-Detached and Row Houses."	20%	\$250	\$500
	40%	\$500	\$1,000
	60%	\$750	\$1,500
	80%	\$1,000	\$2,000
	100%	\$1,250	\$2,500
 Basement Header Insulation			
Seal and insulate your entire basement header area, increasing its insulation value by a minimum of RSI 3.5 (R-20)		\$250	
 Crawl Space Insulation			
	Minimum Additional Insulation		
	R-10 to R-23	greater than R-23	
Insulate 100 percent of the crawl space's total exterior wall area, including the header area. See "Important Note about Semi-Detached and Row Houses."	\$1,000	\$2,000	
Insulate 100 percent of the floor above the crawl space to increase its insulation value by a minimum of RSI 4.2 (R-24)	N/A	\$500	

Important Note About Semi-Detached And Row Houses

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