

GreenON Rebates Program

Evelyn Lundhild, Senior Manager
February 28, 2018



An agency of the Government of Ontario

Agenda

- What is the GreenON Rebates Program? Connected to Save on Energy program?
- What heat pump rebates are available?
- How do contractors register?
- How do homeowners participate?
- Q&A



my Home

Homeowners and renters

What is the GreenON Rebates Program?

- Designed to encourage homeowners to invest in building envelope and HVAC upgrades to help reduce energy costs, improve occupant comfort and help fight climate change
- Rebates for homeowners for the following:
 - Windows
 - Insulation and air sealing
 - Air-source heat pumps
 - Ground-source heat pumps

For existing detached, semi-detached and row townhomes

New custom homes also eligible
- Homeowners purchase and install qualifying measures through **Participating Contractors**

Heat Pump Rebates

- **Ground source:** horizontal, pond, or vertical loop
 - \$2000-\$20,000 depending on type and configuration

Ground Source Heat Pump Rebates

- Eligible if replace primary heating systems in homes fueled by gas, electricity, oil, propane, or an existing GSHP system >20 years old
- Eligible for existing homes and new custom homes
- Replacement units must be **new**
- Repair rebate available for existing GSHP system >20 years old that has demonstrated non-performing issues associated with existing ground loop
- One GSHP rebate per home
- All measures must be purchased from and installed by a
5 Participating Contractor

Details: New Ground Source Heat Pumps

Type and Rebate	Eligibility criteria
<p>Closed Loop (Horizontal or Pond Loops) \$2,000/horizontal loop ton plus \$750 for desuperheater; plus \$1,500 for domestic hot water; plus \$1,500 for enhanced performance with COP exceeding 4.0; maximum rebate of \$15,000</p>	<p>ENERGY STAR® certified (effective January 2012) or AHRI certified; Closed Loop Water to Air System must meet minimum 17.1 EER and 3.6 COP; Closed Loop Water to Water system must meet minimum 16.1 EER and 3.1 COP; For Multi-stage models, EER and COP value shall be calculated as follows: $\text{EER} = (\text{highest rated capacity EER} + \text{lowest rated capacity EER})/2$ $\text{COP} = (\text{highest rated capacity COP} + \text{lowest rated capacity COP})/2$</p>
<p>Closed Loop (Vertical Loops) \$3,000/vertical loop ton plus \$750 for desuperheater; plus \$1,500 for domestic hot water; plus \$1,500 for enhanced performance with COP exceeding 4.0 maximum rebate of \$20,000</p>	<p>(same as for Horizontal or Pond Loops); AND Must obtain Environmental Compliance Approval (ECA) if vertical closed loop system extends more than 5 meters below the ground; All GSHP systems shall be designed and installed by the qualified GSHP installers. Vertical loop boring shall be undertaken by the qualified licenced driller as per the Ontario Regulation 98/12 under the Environmental Protection Act</p>

Details: Repair or Replacement Ground Source Heat Pumps

Type and Rebate	Eligibility criteria
<p>Replacement of Existing GSHP System \$750/heat pump ton; maximum rebate of \$4,500</p>	<p>(same as for Horizontal or Pond Loops); AND The existing heat pump of an existing GSHP system is minimum 20 years of age and has reached to the end of its life</p>
<p>Ground Loop Repair or Replacement of Existing GSHP System \$750/loop ton; maximum rebate of \$4,500</p>	<p>(same as for Horizontal or Pond Loops); AND The existing heat pump of an existing GSHP system is minimum 20 years of age and has clearly demonstrated non-performing issues associated with the existing ground loop; The repair or replacement of the ground loop of the existing GSHP system shall be undertaken by the qualified ground loop installers and the replacement parts or materials must be new and comply with ANSI/CSA/IGSHPA C448 Series-16 standards</p>

How do contractors register?

- Visit www.greenon.ca/contractor-signup
- Complete the one-page Signup Form
- Email supporting documents, including evidence of additional training and certification requirements to greenonrebates@hrai.ca

Requirements for all Participating Contractors

- An HST registration number
- Either a Master Business License or Articles of Incorporation valid for at least two years
- \$2 million in liability insurance
- \$1 million in automotive insurance
- A letter of clearance from WSIB (not required for sole proprietor)
- Complete program orientation (free, available online—general and measure-specific)
- Sign the Contractor Participation Agreement

Requirements for Ground-Source Heat Pump Contractors

- A 313A or 313D refrigeration and air conditioning licence issued by the Ontario College of Trades
- Ensure at least one designer at each company undertakes International Ground Source Heat Pump Association (IGSHPA) Residential Designer Training; all installers are required to undertake IGSHPA Accredited Installer Training
- Contractors that can provide evidence of completion of the following courses/certifications, may be considered for immediate registration in the program provided that the Contractor completes the IGSHPA Installer and Residential Designer Training requirements outlined above within 180 Days of initial registration:
 - Design certification from the Canadian GeoExchange Coalition (CGC) or IGSHPA within the past 10 years and installer certification from the Canadian GeoExchange Coalition (CGC) as well as proof of at least six residential installations in the last four years (subject to verification check at the sole discretion of the IESO)

How do contractors register for IGSHPA training?

- IGSHPA training is coordinated through HRAI
- Please contact HRAI at greenonrebates@hrai.ca to arrange for installer and/or designer training
- Reminder: at least one designer and all installers must complete the appropriate IGSHPA training

How do homeowners participate?

- Find a participating contractor from our online list at www.greenon.ca/find-a-contractor
- Contractor takes before photos and installs an eligible measure
- Contractor prepares application on the customer's behalf and includes before and after photos
- Application sent to homeowner (email or paper) to confirm application details and submit proof of purchase
- Homeowner receives rebate in the mail in approximately 8-12 weeks



Q & A

info@greenon.ca | 1-888-728-8444

www.greenon.ca

www.greenon.ca/contractor-signup

Full details on eligibility criteria are outlined in Program Rules, Section 3.3.1.
Sent to all Participating Contractors and available here under Step 2:

<https://greenon.ca/contractor-signup>