

# Manitoba Geothermal Energy Incentive Program

## Grant Application Guide and Form for Residential Homeowners

### A Provincial Grant

#### For HOMES:

**A provincial grant of \$2,600 for existing and new homes** in natural gas service areas that install an eligible geothermal system, where the installation is completed after June 30,

2011  
New homes in natural gas service areas that install an eligible geothermal system from January 1, 2009 to June 30, 2011 qualify for a grant of \$1000

### B Program Eligibility

#### 1 Home

To be eligible the home must be:

- located in Manitoba;
- a single detached or an attached home with individual entrances (row housing, duplexes, and triplexes, condo, apartment) where an individual geothermal loop serves only the home;
- situated on a permanent foundation and the heated or cooled space must be used for residential occupancy.

#### 2 Applicant

The applicant must be:

- the registered owner and the person named on the property tax roll for that property; and
- a resident in Manitoba at the end of the applicable taxation year; or
- a corporation that has a permanent establishment in Manitoba in the applicable taxation year.

#### 3 Installation

- Installation must meet CSA Standard 448.02 – “Design and Installation of Earth Energy Systems.”
- The installer/contractor must be accredited by the Manitoba Geothermal Energy Alliance (MGEA) at the time of the installation.

### How to Apply

***Please submit your completed and signed Grant Application Form, along with the necessary supporting documentation (see “Supporting Documents”).***

***For assistance in completing the Grant Application form, see your Certified MGEA Installer.***

*Mail to:*

*Manitoba Geothermal Energy Incentive Program  
Manitoba Growth, Enterprise and Trade  
Energy Division  
1200-155 Carlton Street  
Government of Manitoba  
Winnipeg, MB. R3C 3H8*

## C Program Terms

### 1 Eligibility

The application must meet the Program Eligibility criteria.

### 2 Equipment/Property Schedule

#### ***Qualifying Geothermal System:***

A new installed geothermal heat pump “system” formed from new equipment that meets the standards set by the Canadian Standards Association for design and installation of earth energy systems, including such equipment that consists of:

- Underground piping,
- Energy conversion equipment,
- Control equipment, and
- Equipment designed to interface with other heating equipment;

#### **But NOT including the following:**

- A building or part of a building,
- Equipment used to heat water for use in a swimming pool,
- Energy equipment that backs up equipment,
- Equipment that distributes heated air or water in a building, or
- A heat pump with a full load coefficient of performance (COP), as rated in accordance with the International Standards Organization standard 13256-1 for water-to-air and brine-to-air heat pumps, and standard 13256-2 for water-to-water and brine-to-water heat pumps of
  - Less than 3.3 for closed loop design, or
  - Less than 3.6 for an open loop design.

### 3 No warranty by Manitoba

Manitoba does not provide any warranty for the installed system and is not liable for any damage or injury resulting from the installation or use of the system covered by the grant application.

Applicants should discuss warranty (against manufacturing defects affecting safety, system performance, etc.) with the manufacturer and installer/contractor.

### 4 Inspection

Applicant must provide all relevant documents requested by Manitoba.

The Government of Manitoba reserves the right to inspect and evaluate the newly installed geothermal heat pump equipment at the installed property at any reasonable time for verification of the purchase and installation prior to issuing a grant and/or within 12 months after receipt of the final application.

### 5 Repayment

Any applicant who fails to meet the Program Terms must repay the full grant amount.

### 6 Emissions Credits

The applicant agrees that the Government of Manitoba has the right to claim and to own any emission reduction (greenhouse gas) credits that may result from the geothermal heat pump system(s) installed.

## 7 Supporting Documents

All applications must include the following documentation:

- a grant application form completed in FULL and signed;
- an itemized invoice indicating the make and model of the installed heat pump as well as the itemized cost of the heat pump and loop system;
- evidence of payment such as:
  - a copy of an itemized invoice with a signed statement of payment in full from the vendor; and/or
  - a signed receipt of payment; and/or an itemized invoice along with a processed cheque or
  - financial institution report indicating payment or proof of debit or credit card transaction; and/or
  - an itemized invoice along with a signed loan document from a utility or financial institution;
- evidence of heat pump coefficient of performance (COP) fulfillment:
  - For ISO Standard 13256-1 (water-to air and brine-to-air heat pumps): An AHRI ***“Certificate of Product Ratings”*** that confirms fulfillment of the minimum COP requirement. This certificate can be found in the AHRI Directory of Certified Product Performance at the following AHRI web site:  
<http://www.ahridirectory.org/ahridirectory/pages/wbahrp/defaultSearch.aspx>
  - For ISO Standard 13256-2 (water-to-water and brine-to- water heat pumps): An AHRI ***“Certificate of Product Ratings”*** that confirms fulfillment of the minimum COP requirement. Or third-party laboratory and/or third-party testing documentation. For a combination water-to-air and water-to-water heat pump installation, the higher COP can be used.

If you are uncertain of any of this information, please contact your MGEA accredited installer.

## 8 Changes to Program

Manitoba may change the grant incentive program without notice. But, any change will not affect any application with all required documents received by Manitoba before the change comes into effect.

## 9 Installation

The applicant is responsible for selecting, purchasing and installing the equipment. All installations must comply with prescribed standards.

Equipment must be installed by a certified MGEA contractor/installer in accordance with the Building Code, applicable CSA standards and applicable ASHRAE guidelines for earth energy systems and the manufacturer's recommendations.

## 10 Restrictions

An incentive grant is available only for a complete new geothermal system installation (excludes repairs and/or component replacement of existing systems).

If a home or building is serviced by a district geothermal system, the building owner is not eligible for other geothermal grants (excludes the Manitoba Green Energy Equipment Tax Credit) from Manitoba unless otherwise indicated.

Only one accepted grant application will be allowed per individual, family, or eligible property.

The corporate maximum grant incentive over the life of the residential geothermal grant is \$50,000 for multiple installations.

## 11 Environment

The applicant must obtain all licenses, approvals, certificates, orders and permits required for the installation and operation of the district geothermal systems by statute, regulation, bylaw or government policy.

The applicant is responsible for recycling or disposing of any equipment or material replaced under this Program.

## D Processing Applications

### 1 Review and Approval

Provincial grant incentives will be paid to property owners upon application and verification that:

- the project meets the Program Eligibility;
- the applicant has met Program Terms including providing supplementary documentation;
- the project has been completed as approved.

### 2 Funding is subject to availability

Projects are funded first-come, first-served based on the date of receipt of a completed application and subject to the availability of Program funds.

It is anticipated that grants will be paid within 90 days of the date Manitoba receives an application.

### 3 Manitoba Green Energy Equipment Tax Credit

The Manitoba geothermal grant program complements the Manitoba Green Energy Equipment Tax Credit. For your reference, a copy of *The Green Energy Equipment Tax Credit* Regulation can be found at the following webpage: <http://web2.gov.mb.ca/laws/regs/pdf/i010-186.08.pdf>. The Manitoba Tax Assistance Office will assist on matters pertaining to the Manitoba Green Energy Equipment Tax Credit.

#### **For More Information:**

**For assistance in obtaining the information regarding your geothermal installation please contact your Manitoba Geothermal Energy Alliance (MGEA) certified installer.**

**For more information about this program please visit [www.manitobaenergy.ca](http://www.manitobaenergy.ca)**

## Take Advantage of Financial Assistance from the Province of Manitoba

**You may qualify for a GRANT and a refundable TAX CREDIT**  
from the Province of Manitoba when you invest in a geothermal system:

Type of installation	Province of Manitoba Geothermal Incentive Support	Other Support That May Be Available
<b>New Homes</b>	<p><b>About \$5,000</b></p> <p>Includes a \$2,600 Manitoba Grant for homes in natural gas serviced areas and about \$2,400 through a Manitoba green energy equipment tax credit.</p> <p>Note the above tax credit does not have a \$ cap.</p> <p>The Manitoba Tax Assistance Office will assist you on the Green Energy Equipment Tax Credit</p>	<p>Financing may be available</p> <p>A residential earth power loan through Manitoba Hydro. Conditions Apply</p>
<b>Existing Homes</b>	<p><b>About \$5,000</b></p> <p>Includes a \$2,600 Manitoba Grant for homes in natural gas serviced areas and about \$2,400 through a Manitoba green energy equipment tax credit Note the above tax credit does not have a \$ cap.</p> <p>The Manitoba Tax Assistance Office will assist you on the Green Energy Equipment Tax Credit</p>	<p>Financing may be available</p> <p>A residential earth power loan through Manitoba Hydro. Conditions Apply</p>
<b>Commercial Buildings</b>	<p><b>Up to 15 per cent (No \$ Cap)</b></p> <p>Of the value of an eligible geothermal system installation through a Manitoba green energy equipment tax credit.</p>	<p>Commercial Earth Power Incentive for qualified commercial buildings generally in <i>electric serviced areas</i>. Offered through Manitoba Hydro. Certain conditions apply.</p>
<b>District / Community Geothermal Systems</b>	<p><b>Maximum \$150,000 Grant</b></p> <p><b>&amp;</b></p> <p><b>Up to 15 per cent Green Energy Equipment Tax Credit</b></p> <p>Available from the Province of Manitoba for a new district geothermal system installation</p>	
	For Full Details see: <a href="http://www.manitobaenergy.ca">www.manitobaenergy.ca</a>	