



Manitoba Geothermal Energy Incentive Program (MGEIP) Grant Application Form

All applications must be completed, signed and accompanied by the required supporting documentation.

Applicant Information

Organization (if any): _____

Name(s) of Registered Property Owner: _____

Mailing Address: _____

City / RM: _____ Province: _____ Postal Code: _____

Phone No: Day _____ Evening _____

Email Address (optional) _____

Street address or legal description of the installed geothermal system (if different from above):

City / RM: _____ Province: _____ Postal Code: _____

B. Grant Application

B1. Application Type:

Residential Homes

- New home located in a natural gas service area Yes No
- Existing home located in a natural gas service area Yes No

OR *District Geothermal* (minimum 3 detached buildings)

B2. If the residential or district system serves a residential home, select one:

- a.) Single Detached Home OR
- b.) Attached Home with Individual Entrance

Please pick one option:

Duplex Triplex Row housing Condo Apartment

Other not listed (please identify) _____

- c.) Not Applicable

B3. Cost of System:

a.) Total Geothermal System Cost \$ _____

b.) Cost of heat pump and loop only \$ _____

C. Geothermal Heat Pump System Information

(Obtain this information from your Manitoba Geothermal Energy Alliance (MGEA) accredited installer)

C1. System Install Completion Date: _____ Building Permit Date: _____

Note: To be eligible for the incentive grant, the installation of the geothermal system must have been completed after January 1, 2009. (This is separate from the Manitoba Green Energy Equipment Tax Credit, which is available for eligible geothermal systems installed after April 4, 2007.)

C2. Heat Pump ISO Rated COP: _____ System Size (Tons): _____

C3. Heat Pump Manufacturer: _____ Model: _____

C4. Heat Pump Type: Water-to-air/brine-to-air OR Water-to-water/brine-to-water

C5. Hot Water Desuperheater: Yes No

C6. Individual Building Loop OR District Loop

C6a. If Individual Building Loop, please select Ground Loop Type:

Vertical Horizontal Lake Loop Open Loop Not Applicable

C6b. If Vertical or Horizontal Loop please indicate:

The total length of loop in feet: ____ AND No. of boreholes/trenches: ____

OR Not Applicable

C6c. If applying for a residential incentive grant, does an individual ground loop serve only the home?

Yes No OR Not Applicable

If No please explain: _____

C7. Total BTUs delivered from the Geothermal System:

C7a. Heating BTU/hr _____ Cooling BTU/hr _____

C7b. Total Annual Heating BTU _____ Total Annual Cooling BTU _____

C8. If applying for a **District Geothermal** grant, please list the following information or indicate that you have attached supplementary documentation if necessary:

C 8a Not Applicable (continue to C9)

C8b. Total number of buildings served by the district geothermal system:
 _____ (A minimum of 3 detached buildings are required)

C8c. Total number of square feet heated and/or cooled by the district geothermal system _____

C8d. The delivered Heating and cooling BTU/hr *for each building*:

i. Heating BTU/hr _____

ii. Cooling BTU/hr _____

iii. See attached support documentation

C8e. List all Circulating Pumps and identify each pump as follows: _____

i. Continuous or Intermittent

ii. Wattage of Each Circulating Pump _____

iii. See attached support documentation

C9. Heating/Cooling Distribution Type:

Forced Air OR Hydronic (circulated fluid) OR Combination – Forced Air & Hydronic

D. Contractor/Installer Information

D1. Manitoba Geothermal Energy Alliance (MGEA) Certified Installer:

(This person must have performed the installation of the geothermal system at the applicable property and be compensated by the MGEA Certified Installer Company for the applicable installation.)

D2. MGEA Certified Installer Company Name: (Company must have directly performed the installation, for a fee, at the applicable property.) _____

D3. Installer/Contractor Contact Name: _____

E. Please check off that you have included the following required support documentation

- The application form is completed in FULL and signed by the applicant.
- Installation completion date which took place **after** January 1, 2009.
- An itemized invoice indicating the *make and model* of the installed heat pump, as well as individual costs of heat pump and loop;
- Evidence of payment:
 - o a copy of an itemized invoice with a signed statement of payment in full from the vendor; and/or
 - o a signed receipt of payment; and/or an itemized invoice along with a processed cheque or
 - o financial institution report indicating payment or proof of debit or credit card transaction; and/or
 - o an itemized invoice along with a signed loan document from a utility or financial institution;
- Evidence of heat pump coefficient of performance (COP) fulfillment:
 - (a) If you have installed a water-to-air or brine-to-air heat pump (ISO Standard 13256-1), you must include an **AHRI "Certificate of Product Ratings"** that confirms the geothermal heat pump equipment meets 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/wbahp/defaultSearch.aspx>
 - (b) If you have installed a water-to-water or brine-to-water heat pump (ISO Standard 13256-2), you must include an AHRI "Certificate of Product Ratings"; or third-party laboratory documentation and/or third-party testing documentation that confirms the geothermal heat pump equipment meets the minimum COP requirement.

(Contact your Manitoba Geothermal Energy Alliance (MGEA) certified installer for more information.)
- IF applying for a district geothermal grant: Enclose documentation approved by a Professional Engineer that lists the technical design of the heat pump system design and/or its specifications.

F. Applicant's Signature

I apply to the Government of Manitoba for a grant under the Manitoba Geothermal Energy Incentive Program.

I have read, I understand and I accept the Grant Application Guide which sets out the Program Eligibility, System Requirements, Program Terms and Processing.

I confirm that:

- I own the Installed Geothermal System and the building in which it is installed.
- The geothermal system was installed by a certified Manitoba Geothermal Energy Alliance (MGEA) Installer.
- The Government of Manitoba may use and rely upon this information in reviewing my application and for related purposes.
- All statements in this application are true and complete.

Name of Applicant (PRINT): _____

Signed: _____ Date: _____

For complete and current information regarding the *A Ub]hcVU; Ych\Yfa U`9bYf[m-bWYbhj Y'Dfc[fUa* , please visit our website at www.manitoba.ca/iem/energy/geothermal/incentives.html.

Submit this application along with the required supporting documentation to:

Attention: Manitoba Geothermal Energy Incentive Program
Manitoba Innovation, Energy and Mines
1200-155 Carlton Street
Winnipeg, MB R3C 3H8