



# Maquoketa Valley Electric Cooperative

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Contact: Al Schilling [aschilling@mvec.coop](mailto:aschilling@mvec.coop)

## **GEOHERMAL INCENTIVE PRE-APPROVAL FORM**

\*All geothermal incentives **must be pre-approved** with Maquoketa Valley Electric Cooperative (MVEC).

**This form is required to be filled out completely and returned along with a copy of the heat loss/heat gain calculation prior to installation.** Failure to do this will jeopardize the member's incentive. Please mail or fax to Maquoketa Valley Electric Cooperative Attention: Al Schilling (contact details above).

### **Geothermal Heat Pump Closed Loop Systems Partial Criteria:** For complete criteria visit [www.mvec.coop](http://www.mvec.coop).

- The primary heating system must be electric and able to provide 100% of the structure's heating requirements.
- Geothermal Heat Pump must be sized for a minimum of 85% of the total heat loss without exceeding 200% of cooling load.
- 100% of domestic water heating must be electrically heated with .94 EF or above.
- Currently the incentive is \$350 per ton up to a maximum of 20 tons. (Call for larger installations or change-outs)

Most people who choose to install a geothermal heat pump closed loop system also take advantage of MVEC's "Heat Plus Rate". This is a **space-heating only rate effective October 1 thru May 31.**

### **Pump & Dump systems are not eligible for a rebate and are not allowed on the Heat Plus Rate.**

### **Heat Plus Rate Partial Criteria:** For complete criteria visit [www.mvec.coop](http://www.mvec.coop)

- The electric space heating must be metered separately and must be approved by MVEC.
- New constructions must meet all current Iowa building codes (see back).
- Existing structures must have a energy assessment done by MVEC to qualify. (\$250.00)
- The primary heating system must be electric and able to provide 100% of the structure's heating requirements.
- The "Heat Plus Rate" is for electric space heating only, **NOT** domestic water heating.
- 100% of the domestic water heating must be electrically heated.
- \$250.00 charge for equipment (Billed to Heat Plus Cooperative member)

## **Installing Contractor's Instruction for Receiving Eligible Incentive Payment:**

(Send a copy of the bill to MVEC also showing the brand, model and serial number)

### **Installing Contractor's Information:**

Date: \_\_\_\_\_

Contractor's Name: \_\_\_\_\_ Email Address: \_\_\_\_\_

Telephone No. \_\_\_\_\_ Cell Phone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

Licensed Electrician's Name \_\_\_\_\_ Telephone No. \_\_\_\_\_

### **Installation Site Information:** (Send a copy of complete heat loss/heat gain calculation along with this form.)

Member's Name: \_\_\_\_\_ Telephone No.: \_\_\_\_\_

Member's Address: \_\_\_\_\_

Location of Installation: (If different from above) \_\_\_\_\_

Estimated Staring Date: \_\_\_\_\_ Age of House: \_\_\_\_\_

Square Footage of Heated Area: (All levels) \_\_\_\_\_

Insulation Values: Ceiling R-\_\_\_\_ Sidewall R-\_\_\_\_ Basement Walls R-\_\_\_\_ Band Joist R-\_\_\_\_ Windows U-Factor \_\_\_\_\_

Tonnage to be Installed: \_\_\_\_\_ Loop Type: \_\_\_\_\_ Pipe Footage: \_\_\_\_\_

In-Floor Heat? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, check if it is all in-floor heat or just partial. All \_\_\_\_\_ Partial \_\_\_\_\_

Heat Loss BTUs: \_\_\_\_\_ Heat Gain BTUs: \_\_\_\_\_

The earlier we receive this information, the sooner we can start working with you and our member. This allows us to provide more information about other incentives they may be eligible to receive. Signature required on second page. Any questions, please contact us. Thanks in advance for your cooperation.

**Effective 4-27-2011**

# Certification of Energy Conservation Compliance for New Structures

## Residential Checklist

	Zone 5*	Zone 6**	Compliance
	Minimum Requirements		
Ceiling Insulation	R-49	R-49	
Windows/Doors	U-0.32	U-0.32	
Skylights	U-0.55	U-0.55	
Wall Insulation	R-20	R-20	
Floor Insulation (above garage & cantilevered floors)	R-30	R-30	
Basement Wall Insulation	R-15/19	R-15/19	
Ducts	Sealed	Sealed	
Rim Joist	Insulated & Sealed	Insulated & Sealed	
Lighting	75% High Eff.	75% High Eff.	

\*Zone 5 includes Cedar, Clinton, Dubuque, Jackson, Linn, and Jones Counties

\*\*Zone 6 includes Buchanan, Clayton, and Delaware Counties

Member Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Approved based on anticipated adherence to building code.

Not Approved

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MVEC Signature: \_\_\_\_\_ Date: \_\_\_\_\_