



# Farmers Electric Cooperative

A Touchstone Energy® Cooperative 

## Geothermal Heat Pump Equipment and Rate Incentives

**PLEASE PRINT: Complete ALL Sections and sign form to ensure proper and prompt payment of rebate. If more than one unit, attach separate forms.**

### MEMBER ADDRESS INFO (person receiving rebate)

First Name	Last Name	Account Number	Phone
Address	City	State	Zip
		E-mail Address	

### EQUIPMENT LOCATION INFO

Check if same address as above:

First Name	Last Name	Account	Phone
Address	City	State	Zip
		E-mail Address	

Check the ACCOUNT TYPE where equipment is located:

Residence Only       Farm Only       Apart. Bldg/Unit  
 Resid./Farm       Business Only  
 Resid./Business       Commercial/Indust.

Check if you are a builder/developer and building is not yet owned by live-in residents: "Spec Building"

### INSTALLATION AND EQUIPMENT INFORMATION

<p>YEAR HOUSE BUILT (approx.) <input type="text"/></p> <p>HEATED AREA (sq. ft.) <input type="text"/></p> <p>HEAT PUMP EQUIPMENT:</p> <p> <input type="radio"/> Geothermal Closed Loop  <input type="radio"/> Geothermal Open Loop  <input type="radio"/> Geothermal Compressor         </p> <p> <input type="checkbox"/> Check if Hydronic Unit (In-floor heat)  <input type="checkbox"/> Check if Desuperheater Installed         </p> <p>DATE INSTALLED <input type="text"/></p> <p>TYPE OF SYSTEM REPLACED:</p> <p> <input type="radio"/> New Construction    <input type="radio"/> Natural Gas    <input type="radio"/> Air Source Heat Pump  <input type="radio"/> Added Capacity    <input type="radio"/> Oil    <input type="radio"/> Geothermal Heat Pump  <input type="radio"/> Propane    <input type="radio"/> Wood    <input type="radio"/> Electric Resistance         </p> <p>AGE OF SYSTEM REPLACED? (yrs) <input type="text"/> Enter NA if not applicable</p> <p>INSTALLER: <input type="radio"/> Owner    <input type="radio"/> Utility    <input type="radio"/> Contractor</p> <table border="1"> <tr><td colspan="3">Business Name (retailer or installing contractor)</td></tr> <tr><td colspan="3">Address</td></tr> <tr><td>City</td><td>State</td><td>Zip Code</td></tr> </table> <p><b>HEAT PLUS RATE</b> Use Electric Heating Equipment Rate form (R1) for existing equipment rate change.</p> <p><input type="checkbox"/> <b>Check here</b> if a Heat Plus meter is installed and previous electric heating equipment (if any) was not on a special heating rate.</p> <p>HEAT RATE ACCOUNT# <input type="text"/> (If different than that shown for equipment location above)</p>	Business Name (retailer or installing contractor)			Address			City	State	Zip Code	<p><b>HEATING EQUIPMENT SPECIFICATIONS</b></p> <p>AHRI REFERENCE NUMBER <input type="text"/></p> <table border="1"> <tr><td>Manufacturer/Brand</td></tr> <tr><td>Model Number</td></tr> <tr><td>Serial Number</td></tr> </table> <p>COOLING CAPACITY (tons) <input type="text"/> Round to nearest 0.5 ton</p> <p>AUXILIARY RESISTANCE (kW) <input type="text"/></p> <p>EER (cooling efficiency rating) <input type="text"/></p> <p>C.O.P. (heating efficiency rating) <input type="text"/></p> <p>ENERGY STAR QUALIFIED <input type="checkbox"/> YES</p> <p>SECONDARY HEATING SYSTEM:</p> <p> <input type="radio"/> NONE    <input type="radio"/> Oil    <input type="radio"/> Resistance  <input type="radio"/> Natural Gas    <input type="radio"/> Wood  <input type="radio"/> Propane    <input type="radio"/> Other         </p> <p>INSTALLED SYSTEM COST <input type="text"/></p>	Manufacturer/Brand	Model Number	Serial Number
Business Name (retailer or installing contractor)													
Address													
City	State	Zip Code											
Manufacturer/Brand													
Model Number													
Serial Number													
<b>INCENTIVE SUMMARY</b>													
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### MEMBER AGREEMENT (Must Sign)

I verify that the above described equipment was installed on the date and location specified. I agree to all program requirements provided (either separately or on back of this form) and that my electric cooperative reserves the right to inspect all equipment and verify information before issuing a rebate.

Member Signature	Date
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Office Use Only:	Cooperative ID	Notes:	Authorized Amt
Form R2A 1/12	Employee Name		

# Terms and Conditions—Geothermal Heat Pump Programs

**Program Offer:** The Program covers products purchased and/or services rendered on or after **January 1, 2012**.

## Geothermal and Water Source Heat Pump Equipment Requirements:

- Equipment (except hydronic units) must be listed in the AHRI Applied Directory for WBAHP equipment meeting ISO Standard 13256-1. Data (including capacity) must be provided under the appropriate column as follows:
  - “WLHP” column; Water Loop Heat Pump, Required for Water Source equipment rebate
  - “GWHP” column; Ground Water Heat Pump, Required for Open Loop geothermal equipment rebate
  - “GLHP” column; Ground Loop Heat Pump, Required for Closed Loop geothermal equipment rebate
- Size of unit used to determine rebate is based on the cooling capacity listed under the appropriate column of the *AHRI Applied Directory*. This information can be verified online for a given brand and model number at: [www.ahridirectory.org](http://www.ahridirectory.org)
- Closed or open loop heat exchangers must be designed to maintain water temperatures within AHRI performance test parameters for the type of equipment and rebate being considered.
- Units rated only as water loop (WLHP) heat pump equipment must use water that is temperature controlled by a system such as a boiler/cooling tower. These units do not qualify for geothermal closed or open loop system rebates.
- Hydronic units may be used for domestic water heating or pool heating. These will NOT qualify for special heat rate programs unless units also provide space heating.
- Compressors for any heat pump that meets qualifications in this section will be eligible for the compressor replacement rebate.
- Rebates will be paid per 1/2-ton increment with the capacity determined using the appropriate ISO Standard 13256-1.

**NOTE:** The installing contractor should be able to provide members with the information necessary to complete the application for this program. The contractor should be made aware of program requirements prior to installation to ensure that a qualifying system is specified.

If there are doubts about program eligibility, you should contact the Cooperative before the installation to ensure that the equipment does qualify.

## Heat Plus Rate Program Requirements:

- The primary heating system must be electric and metered separately.
- The primary electric heating source must operate first, with any backup system operating only when the primary system is unable to satisfy the indoor thermostat setting.
- A **Premium electric water heater must be installed** and provide 100% of the domestic water heating for the home (except energy supplied to an electric heat pump desuperheater).
- The space being electrically heated must be an area of 400 square feet or more.
- The rebate for the Heat Plus rate is only available to the building owner. The rate is applicable to all ratepayers (including renters) with eligible heating systems.

**Note:** The Heat Plus rate is not to be applied to periodic heating applications or to heating during peak winter conditions only. A system where the building is totally unheated during unoccupied times is unacceptable.

The Cooperative reserves the right to suspend the rate and remove metering equipment owned by the Cooperative if the member is no longer using the equipment on a regular basis or is in violation of any program requirement.

## General Program Terms and Conditions:

**Rebate Amount:** Missing or incorrect information on the application may delay processing and delivery of the Program Incentive. Contact the Cooperative for questions regarding the processing of the application.

**Warranty Information:** The Cooperative makes no warranties, expressed or implied, with respect to equipment operation, material, workmanship or manufacturing. The Cooperative does not guarantee a certain level of energy or cost savings resulting from use of products covered by this program.

**Limitation of Liability:** Participating Members agree that the Cooperative’s liability, in connection with this Program, is limited to paying the Program Incentive specified (when all Terms and Conditions have been satisfied by the member). Under no circumstances shall the Cooperative be liable for any consequential or incidental damages resulting from participation in this Program. The Cooperative will not be responsible for any tax liability that may be imposed on the Participating Member as a result of the payment of Program Incentives.

**Participating Member’s Certification:** Participating Member certifies that he/she operates the equipment listed in their application at their defined location served by the Cooperative. Participating Member agrees that all information is true and that he/she has conformed to all of the program and equipment requirements listed in the application.

## Program Changes/Termination:

While this rebate program will be in effect for an indefinite period, the Cooperative reserves the right to extend, modify (this includes incentive levels) or terminate this Program without prior or further notice. The member is responsible for checking with the Cooperative to determine whether the program has been changed or is still in effect.

## Other Conditions

The Cooperative reserves the right to inspect installations before issuing the rebate. If the application does not comply with the Cooperative’s rules and qualifications, the rebate amount may be adjusted.

Members must apply for rebates within 6 months of the purchase date (as shown on the member’s invoice). Past eligibility, however, does not guarantee that equipment will meet criteria for current programs in effect.

Geothermal Heat Pump Incentives	
Geothermal Heat Pump with closed loop	\$350 per ton
Geothermal Heat Pump with open loop	\$250 per ton
Geothermal UNIT ONLY (existing closed/open loop)	\$150 per ton
Compressor Replacement for Geothermal Heat Pump	\$100 per unit
Heat Plus Rate/Meter	\$100 per home or \$50 per multi-family unit/apt.

Member Signature

Date