



## **Geothermal Rebate Program Guidelines**

**A. Eligibility for Rebate:**

1. The building must be a residential structure which uses electricity from a Carroll Electric Cooperative, Inc.
2. Geothermal unit must be installed between July 1 of the current year and June 30 of the following year.
3. Rebate application must be submitted within 90 days of installation or by June 30, whichever comes first.
4. Rebate of \$600 is to be paid to the cooperative member who owns the building, or for new construction, can be paid to the builder/dealer.

**B. Conditions of Rebate:**

1. The Cooperative shall inspect the installation before issuing the rebate.

**C. Qualifications for rebate:**

1. Equipment shall be rated by ARI (Air-Conditioning & Refrigeration Institute) test standards and certified by ARI or CSA (Canadian Standards Association) or other nationally recognized testing organization.
2. Equipment installed shall be in compliance with ENERGY STAR requirements for both EER and COP minimums at the time of installation. This will ensure systems will meet requirements for Federal tax credits for geothermal system installation.

<u>Efficiency Requirements</u>	<u>EER</u>	<u>COP</u>
Closed loop water-to-air	17.1	3.6
Open loop water-to-air	21.1	4.1

*Note: See [www.energystar.gov](http://www.energystar.gov) for minimums for water-to-water or DGX system qualifications.*

3. The complete system, including any necessary supplemental devices, shall be listed by Underwriters Laboratories or other nationally recognized testing organizations in accordance with U.L. standards.
4. The installer shall be a dealer approved by the participating Cooperative.
5. The system must include properly-sized duct work.
6. The system shall be wired according to the Cooperative's requirements concerning second meters and possible future installation of radio switches for direct load management efforts and in compliance with the National Electric Code and local or Ohio Electric Code requirements.
7. Open loops shall be installed in accordance with manufacturer's specifications and recommendations and shall meet applicable Federal, State or local agency standards. Open loop installations shall also have documented water quality and quantity tests conducted by the installer, distributor or manufacturer evidencing the suitability and availability of water required for the application.
8. Closed loops shall be installed in accordance with the manufacturer's specifications and recommendations and shall meet applicable Federal, State or local agency standards.
9. Direct Expansion loops shall be installed in accordance with manufacturer's specifications and recommendations and shall meet applicable Federal, State or local agency standards.
10. Ground loops should be installed by professionals who follow procedures established by the International Ground source Heat Pump Association (IGSHPA).



# Carroll Electric Cooperative, Inc.

350 Canton Rd. NW · P.O. Box 67 · Carrollton, OH 44615 · (330) 627-2116

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2. Dealers shall provide to consumers, as part of the sales-installation agreement:
  1. Owner's manual and instruction for equipment operation.
  2. Installation instructions and warranties.
  3. An offer for a maintenance/service contract.
  4. Dealer shall also provide a sketch of the loop layout location in reference to existing buildings.
  
3. The participating dealer or consumer shall be required to submit to the Cooperative:
  1. Application for rebate.
  2. Upon request by the Cooperative, copies of equipment and duct sizing calculations.

*Rebate funding is limited and available on a first-come, first-served basis.*

# Geothermal Rebate Application

Geothermal rebate application must be submitted within 90 days of installation or by June 30, whichever comes first.

RETURN TO:

FROM:



**Carroll Electric Cooperative, Inc.**

Attn: Geothermal Rebates

PO Box 67

Carrollton, Ohio 44615

Phone: 1-800-232-7697

Installing Contractor Name

Address

City, State, ZIP

Phone

This is to certify that we have obtained a signed, approved and valid sale and installation contract with:

Customer Name

Address

City, State, ZIP

Phone

and have installed the following new geothermal equipment in the above named customer's premises:

Manufacturer

Size (in tons)

EER

COP

Heating backup:  Oil  Natural Gas  Propane  Electric  Other

Water heating option:  Supplemental  On-demand  Not applicable

Type of loop:  Horizontal  Vertical  Pond  Open Well  Pump & Dump

Closed or Open Loop:  Closed  Open

Date of Installation: \_\_\_\_\_

Type of sytem that was replaced:  Geo  HP  Dual Fuel  Propane

N. Gas  Oil  Other Electric  New Home

Signed by: \_\_\_\_\_ Date: \_\_\_\_\_

Dealer Representative

## Certification of Inspection

We have conducted an inspection and found the above designated equipment to be installed and operating in accordance with the geothermal heating and cooling rebate program requirements.

Signed by: \_\_\_\_\_ Date: \_\_\_\_\_

Cooperative Representative

Rebate Paid to Co-op Member \$ \_\_\_\_\_ Date Paid: \_\_\_\_\_

Your Touchstone Energy® Cooperative