

Central Valley Electric Cooperative, Inc.
POLICY No. 509

**Air Source and Ground Source Heat Pump
ENERGY EFFICIENCY PROGRAM**

I. OBJECTIVE

Heating and cooling are typically the number one energy consumers in homes and buildings. Central Valley Electric Cooperative (CVE) promotes the installation of energy-efficient heating and cooling units when constructing new buildings or remodeling existing buildings.

II. POLICY CONTENT

CVE offers rebates for air-source heat pumps (ASHP) and ground-source heat pumps (GSHP) to residential, commercial, and industrial members.

III. PROVISIONS

A. Program Qualification and Restrictions

1. Any heat pump equipment must be installed in a permanent residence or building that CVE serves.
2. Equipment must be either an air source heat pump or a ground source heat pump.

B. Air Source Heat Pump (ASHP) Rebate

1. Tier One Rebate
 - Rebate of thirty-five percent (35%) of equipment cost (taxes and labor not included)
 - Minimum Equipment Specification: SEER (seasonal energy efficiency ratio) of 16 to 17
2. Tier Two Rebate
 - Rebate of forty-five percent (45%) of equipment cost (taxes and labor not included)
 - Minimum Equipment Specifications: SEER greater than 17

C. Ground Source Heat (GSHP) Rebate

1. GSHP Rebate
 - Rebate of up to \$2,500.00 per ton
 - Minimum Equipment Specifications (based on 2nd stage values)
 - Closed Loop: ≥ 15.9 EER & ≥ 3.3 COP
 - Open Loop: ≥ 18.0 EER & ≥ 3.6 COP
2. GSHP to GSHP Rebate
 - Rebate of up to \$2,500.00 per ton
 - Minimum Specifications:
 - Closed Loop: ≥ 3.0 EER Increase & ≥ 3.3 COP
 - Open Loop: ≥ 3.0 EER Increase & ≥ 3.6 COP
3. GSHP Split Systems

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- Rebate of up to \$2,500.00 per ton
- Minimum Specifications:
 - Closed Loop: ≥ 15.5 EER & ≥ 3.3 COP
 - Open Loop: ≥ 18.0 EER & ≥ 3.6 COP

D. Commercial, Industrial and School Program

1. GSHP Rebate

- Rebate of up to \$2,500.00 per ton
- Minimum Specifications:
 - Closed Loop ≥ 15.9 EER & ≥ 3.3 COP
 - Open Loop ≥ 18.0 EER & ≥ 3.6 COP

IV. RULES AND GUIDELINES

To receive rebate funds, a completed Rebate Application with appropriate signatures and additional required documents must be submitted.

- Prior notice to CVE should be given.
- Manual J/Heat Load Calculation is required for all geothermal applications. This assessment will determine if this type of application is appropriate for the structure.
- Copy of paid invoice from Contractor/Installer of equipment.
- Copy of Air-Conditioning, Heating, and Refrigeration Institute (AHRI) reference certificate.
- Nameplate information on old equipment or the year the equipment was installed.
- Nameplate information of new equipment.
- Rebates will be given in the form of a check or utility bill credit.
- CVE does not guarantee a specific level of energy or cost savings from implementing or using products funded under this program.
- CVE is not liable for any damages caused by the operation or malfunction of the installed equipment.
- All HVAC equipment must be brand new.
- HVAC equipment must be installed in accordance with all applicable local, state, and national codes and ordinances.
- Members must apply for rebates within 90 days of installing HVAC equipment. Rebates will be issued within 30 days of approved application.
- HVAC equipment must be fully operational before a rebate can be issued.
- CVE reserves the right to inspect and verify the installation of equipment.
- Rebates will be capped at \$75,000.00 annually for any one member. This amount applies to the combined total of all other CVE rebate programs.

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- To receive the rebate, CVE members must be current (within 60 days) in the payment of their account(s).

V. PROGRAM FUNDING

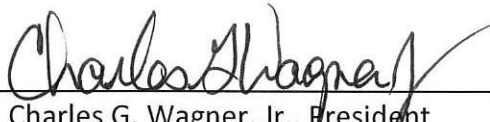
Funding for this program will be from the Renewable Energy and Energy Conservation Fund. Should the Renewable Energy and Energy Conservation Fund become deficient in funds; the Air Source and Ground Source Heat Pump program will become inactive until such time funds are available.

VI. ENVIRONMENTAL ATTRIBUTES

The member agrees by receiving rebates from CVE that all environmental attributes, including renewable energy certificates, available by statute or regulation will become the property of WFEC or CVE, at the determination by CVE, to be used for compliance requirements.

VII. RESPONSIBILITY

The Chief Executive Officer (CEO) is responsible for implementing and administering this policy.

Approved: 
Charles G. Wagner, Jr., President

Effective Date: 03/27/2013

Revised Date: 07/22/2015

Revised Date: 08/26/2015

Revised Date: 09/23/2015

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