

Central Valley Electric Cooperative, Inc.
POLICY No. 510

Variable Frequency Drive Rebate
ENERGY EFFICIENCY PROGRAM

I. OBJECTIVE

Central Valley Electric Cooperative promotes energy-efficient methods for motor and pump-based systems using Variable Frequency Drives (VFDs).

II. POLICY CONTENT

CVE will offer rebates to commercial, industrial, and irrigation members for installing VFDs to control end-use pump and motor equipment/systems.

III. PROVISIONS

A. Program Qualifications and Restrictions

1. All installed VFDs must meet or exceed the Institute of Electrical and Electronics Engineers standard on Harmonic Control and Limitations (IEEE 519) for electric power systems.
2. A minimum of a 12-pulse VFD is required; filters may also be required to prevent harmonic issues.
3. Motors other than irrigation must have assumed at least fifty percent (50%) of the annual load factors.
4. CVE will not rebate a replacement VFD for the same location in the event of the VFD failure.
5. Temporary VFDs do not qualify for rebates. VFDs must be permanently installed.

B. Variable Frequency Drive Rebate

1. A rebate of sixty percent (60%) of the equipment cost (taxes and labor not included) will be given for the installation of qualified VFDs.

IV. RULES AND GUIDELINES

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

- Must include a copy of a dated, detailed, paid-in-full invoice(s). Invoices must include itemized quantity, price, manufacturers' make and model numbers, equipment nameplate information of old equipment (retrofits), nameplate information of new VFD equipment, nameplate information of the motor and/or pump the VFD will be controlling, and the VFD equipment specification sheet(s).
- VFDs must be installed and fully operational before a rebate will be issued.
- All VFDs must be new. CVE will not rebate used equipment or duplicate a rebate for the same service location.
- VFDs must be installed in accordance with all applicable local, state, and national codes and ordinances.
- Should the use of a VFD create unacceptable levels of harmonic distortion, the member will be responsible for resolving the issue to a level acceptable to CVE.

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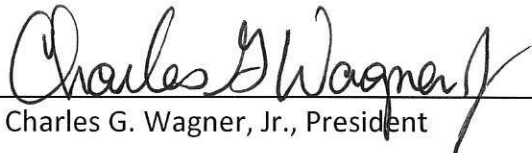
- Members must apply for rebates within 90 days of installing the VFD. Rebates will be issued within 30 days of the approved application.
- Rebates will be given in the form of a check or utility bill credit.
- CVE does not guarantee a specific level of energy or cost savings from implementing or using products funded under this program.
- CVE is not liable for any damages caused by the operation or malfunction of the installed equipment.
- The rebate will be issued after a CVE employee completes an on-site verification of the installed 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.
- 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 VFD Rebate Program will become inactive until such time as funds are available.

VI. RESPONSIBILITY

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

Approved: 
Charles G. Wagner, Jr., President

Effective Date: 07/22/2012

Revised Effective Date: 08/24/2016

Revised Effective Date: 08/28/2018

Revised Effective Date: 08/27/2025