

Columbus Electric Cooperative, Inc.

P.O. BOX 631 • 900 NORTH GOLD • DEMING, NEW MEXICO 88031 • 575-546-8838

Dear Member:

Columbus Electric Cooperative, Inc. (CEC), in conjunction with its power supplier, Tri-State G&T, is currently offering energy efficiency credits for installation of variable speed drive panels. Criteria for determining qualifications and payments are outlined on the attached ENERGY EFFICIENCY CREDITS FACT SHEETS.

In order to process an application for an energy efficiency credit, the consumer must provide the following information for **EACH** variable speed drive panel:

- A. **Date Equipment Installed** _____
- B. **Consumer Name** _____
- C. **Social Security/Tax ID#** _____
- D. **Consumer Address** _____
Street _____ City, State, Zip _____
Daytime Contact Phone Number _____
- E. **Installation Address** _____
(if different from above)
- F. **Account Number** _____
- G. **Equipment Name** _____ **Manufacturer** _____
Model Number _____ **Serial Number** _____
Motor Nameplate HP _____ **Unit Cost** _____
- H. **VSD Application Equipment Information (Check one)**
_____ Irrigation _____ Other
- I. **VSD Application (Check one)**
_____ Irrigation _____ Manufacturing _____ Commercial

Comments: _____

Notes:

1. Disclaimer: Columbus Electric is not responsible for the design of or approval of the design of any system.
 2. If more than one manufacturer, etc. please do not enter in comment area. Use a separate form.
- Check to indicate that you have read and understand the disclaimer above and sign below.

Member Signature

Date

If you have any questions please contact Chris Martinez, Marketing Manager, at (505)546-8838 or 1-800-950-2667.

CEC USE ONLY

Consumer Account Name: _____

Service Location: _____

Date Connected: _____

I certify that the Variable Speed Drive Installation has been inspected and qualifies for the Energy Efficiency Product Rebate.

CEC Employee

Date

COLUMBUS ELECTRIC COOPERATIVE, INC.
ENERGY EFFICIENCY FACT SHEET
VARIABLE SPEED DRIVE RETROFIT

GENERAL INFORMATION

- No other CEC Energy Efficiency Product discount/or rebate shall apply
- Motors from 25 to 250 horsepower
- Applies to the installation of:
 - **Variable frequency drives** retrofit onto existing equipment such as irrigation wells or industrial machinery.
 - New motors may be installed at the same time and may qualify for a separate motor rebate.
 - Replacement of existing VSDs for maintenance of other purposes does not qualify for an incentive.
- An Energy Efficiency Products Application/Certification is required.
- The Cooperative is required to report these incentives to the IRS using a 1099 form.
- An application form and visual inspection by a representative from the Cooperative is required.

EFFICIENCY STANDARDS

All VFD/VSD drives connected to the system must meet or exceed IEEE 519 requirements. THD (Total Harmonic Distortion) must be 5% or less, 6-pulse drives will not meet these requirements and filters would have to be applied for them to meet this requirement, 12 pulse drives are at this limit and may require some correction, and 18-pulse drives or greater will be below the IEEE 519 requirement.

PAYMENTS

- The lesser of 50% of the cost of the VSD unit or
- Motor Nameplate hp Incentive
 - Less than 25 no incentive
 - 25 \$1,600
 - 30 \$1,750
 - 40 \$2,050
 - 50 \$2,350
 - 60 \$2,650
 - 75 \$3,100
 - 100 \$3,800
 - 125 \$4,600
 - 150 \$5,300
 - 200 \$6,800
 - 250 \$6,800
- Larger than 250 \$6,800
- Program Capped at \$20,000 per member