

VARIABLE FREQUENCY DRIVE (VFD) PROGRAM DESCRIPTION

Eligibility: Consumers Power, Inc. (CPI) irrigation accounts that have an existing, electrically powered centrifugal or turbine style irrigation pump that is 20 horsepower or greater, with substantial variation in flow rates (20% or more) and/or discharge pressure requirements (10% or more). Installations must meet IEEE 519 standards. The account must have at least three full years of “typical” energy use history prior to installation for evaluation purposes.

1. Determine that your irrigation system is eligible for the program.
 2. Send a copy of the VFD bid proposal from your contractor, and this application, to CPI Irrigation Program, P.O. Box 1180, Philomath, OR 97370 or Email a copy to: info@cpi.coop
 3. **DO NOT BEGIN WORK, OR ORDER EQUIPMENT, UNTIL YOU HAVE RECEIVED A WRITTEN APPROVED APPLICATION FROM CPI.**
 4. Once the application and proposal has been reviewed & approved, the application will be signed by a CPI representative and returned to you. You will schedule with your contractor when work will begin.
 5. You or your contractor will notify CPI when the work is complete. Once the job has been verified as correct and complete CPI will send the rebate check to the member listed on the approved application.
 6. You are responsible for making payment arrangements for any job costs not covered by the rebate amount.
- **Rebate Amount Per Name Plate Motor Horsepower Controlled by the VFD:**
 - Existing turbine style pumps: \$60
 - New turbine style pumps: \$80
 - Existing centrifugal style pumps: \$50
 - New centrifugal style pumps: \$50
 - Note: CPI programs are subject to change without notice.



VARIABLE FREQUENCY DRIVE (VFD) PROGRAM REBATE APPLICATION

- 1. Send a copy of the VFD proposal from your contractor and this application, to CPI Irrigation Program, P.O. Box 1180, Philomath, OR 97370 or Email a copy to: info@cpi.coop
2. DO NOT BEGIN WORK UNTIL YOU HAVE RECEIVED PREAPPROVAL FROM CPI.
3. Once the application and proposal have been reviewed and approved, the application will be signed by a CPI representative and returned to you. You will schedule with your contractor when work will begin.
4. You or your contractor will notify CPI when the work is complete. Once the job has been verified as correct and complete, CPI will send the rebate to the applicant listed below.

Owner Name (Please Print) _____ Date _____

Contact _____ Phone _____

Mailing Address _____ City _____ Zip _____

Phone _____ Cell _____ Email _____ Fax _____

Project Information:

Irrigation meter number: _____ Operational hours per year _____

Type of crops grown _____ What is the pump HP? _____

How many acres are irrigated by this pump? _____ Centrifugal or turbine pump? _____

Reason for VFD: [] Pump is oversized [] Pump runs at a range of flow & pressure conditions

How is the pump controlled now: [] Throttling valve/pressure regulators [] Flow bypass

Actual or rated pump total dynamic head (TDH) _____ and flow (GPM) _____

Estimated Lift (ft) (negative if pump head) _____

Maximum flow changes in GPM _____ Minimum flow changes in GPM _____

Discharge pressure required at max flow (PSI) _____ Discharge pressure required at min flow (PSI) _____

Estimated site savings in kWh from VFD software program _____ kWh/yr (CPI Input)

I, the undersigned, as the owner of the property at the above address, certify the information on this application is true and correct.

I have read the CPI IRRIGATION PUMP VARIABLE FREQUENCY DRIVE (VFD) PROGRAM DESCRIPTION and I understand and agree to the provisions for the program. I understand that if these instructions are not followed, CPI is under no obligation to grant or disburse program funds.

Owner Signature _____ Date _____

Note: This program is funded by CPI and is subject to change without notice.

CPI Representative _____ Date _____