

Agricultural Variable Frequency Drive (VFD) New Construction



Turbine and Centrifugal pumps are eligible

www.fallriverelectric.com

Fall River Electric (FRE) provides energy efficiency programs to financially assist our members to improve irrigation system efficiency. This measure requires the addition of a VFD to a new turbine or centrifugal irrigation pump. This VFD rebate applies to **new construction** pumping plants that deliver, distribute or transport irrigation water with qualifying VFD's from 20 to 500 horsepower electric motors. Both Turbine and Centrifugal pumps are eligible with the following conditions. Turbine pumps are eligible with substantial variation in flow rates (20% variation or more) or discharge pressure requirements (10% variation or more). Centrifugal pumps are eligible with substantial variation in discharge pressure requirements (20% variation or more). All VFD installations are required to meet the IEEE 519 harmonics standard.

Member Number		Phone #	
Member Name		Mobile #	
Mailing Address	City	State	Zip
Installation Address <i>(if different than above)</i>	City	State	Zip
Email		Meter Number	
Motor Data	Irrigation Pump Rated HP for VFD:	VFD Installed date	

PUMP DATA **Rated head & flow may be obtained from the pump's nameplate or pump curve**

Pump Type: <input type="checkbox"/> Centrifugal <input type="checkbox"/> Turbine/Submersible	Pump Manufacturer:	
Pump Model:	If turbine, indicated stages:	Impeller Size:
Rated Head (or TDH) (nameplate or curve) (ft):	Rated Flow (from nameplate or curve) (gpm):	
Pump Depth (ft):	Estimated Lift (ft):	
Highest Expected Lift or Inlet Pressure (ft):	Lowest Expected Lift (ft):	
Discharge Pressure required at Maximum Lift (psi):	Discharge Pressure required at Minimum Lift (psi):	
Highest Expected Flow (gpm):	Lowest Expected Flow (gpm):	
Highest Total Dynamic Head (ft):	Lowest Total Dynamic Head (ft):	
Pump Installation Dealer:	Dealer phone number:	

OTHER LOADS ON THE METER

Other Pump(s) HP:			
Pivot or Linear	Number of Towers	Drive HP/Tower	End Gun Booster
1			
2			
3			
4			

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SYSTEM INFORMATION AND CROP HISTORY

	Acreage for each Crop Irrigated by this System				
	Year	Crops grown	Irrigation system type: Pivot, End Gun ,Linear, Wheel-line or Handline	Acres	Metered kWh (Provide by Fall River Electric)
1 year post installation of VFD	2021				

REBATE

Measure Category	Member Rebate
New Turbine Pump VFD	\$60.00 per nameplate horsepower
New Centrifugal Pump VFD	\$35.00 per nameplate horsepower

Documents Requirements:

- The invoice showing manufacturer, model number, type or size of equipment, purchase date and cost.
- Copy of pump performance curve.

Purchases must be made after 10/1/2019 and installed in FRE service territory to be eligible. All incentives are subject to availability and may change at any time. FRE reserves the right to inspect for program compliance. By signing, the Member certifies that the above information is true and accurate to the best of their knowledge.

Member Signature _____

Date _____

Office Use Only		
GL: CONS 12 700 555.13 Effective 10/1/2019	FRE Representative _____	Pay \$ _____ Date _____