



# 2017 VARIABLE FREQUENCY DRIVES

## Rebate Claim Sheet

Incentives apply to variable frequency drives (VFDs). Use a separate line for each VFD. Include primary pumps and fans only; secondary or spare pumps or fans do not qualify.

VFD Application	Controls before VFD	Manufacturer & Model	Equipment Operating Hours (2,000 hrs/year min)	HP Controlled by VFD	QTY	Rebate (Qty x HP x \$30)
<b>Check one:</b> <input type="checkbox"/> Chilled Water Distribution Pump <input type="checkbox"/> HVAC Heating Pump <input type="checkbox"/> Pool Pump <input type="checkbox"/> Process Pump <input type="checkbox"/> Boiler Draft Fan <input type="checkbox"/> Cooling Tower Fan <input type="checkbox"/> HVAC Fan <input type="checkbox"/> Process Fan <input type="checkbox"/> Other: _____	<b>Check One:</b> <input type="checkbox"/> Outlet Control Valve <input type="checkbox"/> Bypass Valve <input type="checkbox"/> Discharge Damper <input type="checkbox"/> Inlet Guide Vanes <input type="checkbox"/> On/Off <input type="checkbox"/> Other: _____					
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Sub-Total (from chart above)						
VFD Project Cost = \$ _____ x 50% =						
<b>TOTAL REBATE</b> (not to exceed \$50,000)						



## 2017 VARIABLE FREQUENCY DRIVES

### Rebate Requirements

SPU offers rebates of **\$30 per horsepower up to a maximum of 50% of the total project cost** of new variable frequency drives (VFDs).

#### Technical Requirements:

- Internal labor costs cannot be included in project costs.
- Must be used in conjunction with pumping or air handling (i.e., fan or blower) application.
- The pump or air handling system must operate a minimum of 2,000 hours annually.
- The pump or air handling system may not exceed 500 horsepower.
- Redundant or back-up units do not qualify. Routine replacement of existing VFDs do not qualify.
- VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal. Units installed only to allow soft starts are not eligible.
- The system controlled must have significant load diversity that will result in savings through motor speed variation.
- Engineering calculation proving energy savings as a result of project implementation must be submitted with rebate application.
- VFDs added to chillers and air compressors do not qualify for this incentive. Refer to Custom.

Variable frequency drives may not be beneficial in pump systems where static head makes up a large portion of the total system head. It is also important that the load on the system vary over time to take advantage of the savings that a VFD can provide. Be sure to understand these aspects of your system and discuss them with the equipment vendor in advance of applying VFD technology.

**Eligibility:** SPU electric commercial and industrial customers are eligible to participate in the program. Rebates are offered for the purchase of new VFDs which are projected to operate at least 2,000 hours annually (about 40 hours per week). All projects will be verified by SPU engineering department. All decisions by SPU are final.

**How to apply:** Please refer to the **2017 How to Submit a Rebate Request** document on the SPU website. All applications should be emailed to [rebates@shakopeeutilities.com](mailto:rebates@shakopeeutilities.com).

**Program Dates:** Qualifying purchases made on or after January 1, 2017 are eligible for the rebate. Customers have until December 4, 2017, or until funding is depleted, to submit an application. **Due to limited funding, SPU does not guarantee funding availability.**