



Contact our Industrial Group at 844-368-9317  
We can write your application to get your project approved.

VSDs must be controlled by an automatic signal in response to modulating air/water flows.  
The VSD speed must be automatically controlled by differential pressure, flow or temperature.  
Applicants must demonstrate significant load diversity that will result in savings through motor speed variation.  
Motors must operate a minimum of 2,000 hours annually.

Table 1: Select VSD Installation Type

BDF *	Boiler Draft Fan	HWP	Hot Water Circ Pump	RFA	HVAC Return Air Fan
BEF	Building Exhaust Fan	MAF	Make-up Air Fan	SFA	HVAC Supply Air Fan
CTF	Cooling Tower Fan (Single Speed only)	PCP *	Process Cooling Pump	WHP	WS Heat Pump Circ Loop
CWP	Chilled / Cond Water Pump	PE *	Process Exhaust and Make-up Fan	WSP *	Water Supply or Waste Water Pump
FWP	Boiler Feed Water Pump				

Table 2: Select VSD Size

Horsepower	Incentive	Horsepower	Incentive	Horsepower	Incentive	Horsepower	Incentive
1	\$1,000	7.5	\$2,850	30	\$5,250	100	\$12,500
1.5	\$1,000	10	\$3,150	40	\$5,700	125	\$12,500
2	\$1,000	15	\$3,450	50	\$6,750	150	\$12,500
3	\$1,000	20	\$3,900	60	\$8,250		
5	\$2,850	25	\$4,650	75	\$9,000		

### ELIGIBILITY REQUIREMENTS

Prescriptive Incentives will be provided for the installation of Variable Speed Drives (VSD) from 1-150hp for ONLY the installation types outlined in Table 1:

- a. Supply Fan on constant volume supply air handler and VAV packaged HVAC unit [SFA]
- b. Return Fan on constant volume return air handler and VAV packaged HVAC unit [RFA]
- c. Boiler Draft Fan [BDF]
- d. Cooling Tower Fan [CTF]
- e. Chilled and Condenser Water Distribution Pump [CWP]
- f. Boiler Feed Water Pump [FWP]
- g. Water Source Heat Pump Circulation Pump [WHP]
- h. Heating Hot Water Pump [HWP]
- i. Process Cooling Pump [PCP]
- j. Process Exhaust and Make-up Fan [PE] (non VAV system)
- k. Water Supply or Waste Water Pump [WSP]

If you are replacing a motor and VSD, please use the Motor & Variable Speed Drives Application form available at [www.ngrid.com/ribus-ee](http://www.ngrid.com/ribus-ee). All other Retrofit VSD measures MUST file a custom application.

VSDs must be controlled by an automatic signal in response to modulating air/water flows. The VSD speed must be automatically controlled by differential pressure, flow or temperature. Applicants must demonstrate significant load diversity that will result in savings through motor speed variation. Motors must operate a minimum of 2,000 hours annually.

**NOTE:** The following VSD applications are NOT eligible for prescriptive incentives under this application:

1. Forward curve fans with inlet guide vanes,
2. Variable pitch vane-axial fans,
3. Planned replacement or replacement of previously failed VSD,
4. VSD used for balancing,
5. Two-speed cooling tower fans,
6. VSD used as two-speed control of fan or pump,
7. VSD used to mitigate over-sized motor installation.