

# HVAC Pump VFD

## HVAC Pump VFD Rebate Requirements

- 1) Require pre-notification before projects begin.
- 2) HECO will conduct pre- and post-installation inspections.
- 3) Existing equipment must not have a VFD.
- 4) In existing facilities, VFDs must be applied to motors with 3 to 100 hp.
- 5) In new construction, VFDs must be applied to motors with 3 to 50 hp.
- 6) The VFDs need to be actively controlling and varying the speed of the pump.

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## HVAC Pump VFD Rebate Worksheet Instructions

### Required Documentation Checklist

- Rebate Application
- Mechanical Schedule or Equipment Specification

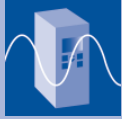
### Applicant Information

- 1) Applicant Name
- 2) Enter Project Description (e.g. Facility, Building, Location, etc.)
- 3) Specify Type of Construction (“E” for Existing Facilities and “N” for New Construction)

### HVAC Pump VFD

Fill in the following information using one line for each unit installed. Identical units may be grouped on a single line.

- 1) Equipment VFD Installed on – Indicate the location and purpose of the equipment that the VFD controls. (e.g. chilled water pump #1)
- 2) VFD Control Basis – Sequence or control method for the VFD Speed. (e.g. maintain constant pressure)
- 3) HP per motor – Size of motor that the VFD controls.
- 4) Qty of motors – Quantity of motors controlled by VFDs
- 5) Total HP – Multiply the HP per motor by Qty of motors
- 6) TOTAL HP – Sum of hp in the rightmost column
- 7) TOTAL REBATE – TOTAL HP multiplied by \$80 per hp
- 8) Notes: - Add any additional information relevant to project



# HVAC Pump VFD Rebate Worksheet

Hawaiian Electric Company *Energy\$olutions<sup>SM</sup>* for Business Program (Effective June 21, 2004)

## APPLICANT INFORMATION

Applicant	Application No. <b>HECO</b>
Project	<input type="checkbox"/> Existing Facility <input type="checkbox"/> New Construction
Document Checklist	<input type="checkbox"/> Rebate Application <input type="checkbox"/> Mechanical Schedule or Equipment Specification

### To qualify for a Hawaiian Electric Customized VFD Rebate using this form, the following conditions must be met:

1. Require pre-notification before projects begin.
2. HECO will conduct pre- and post-inspections.
3. Existing equipment must not have a VFD.
4. For existing facilities motor hp must be 3 to 100.
5. For new facilities motor hp must be 3 to 50.
6. The VFDs need to be actively controlling and varying the speed of the pump.

APPLICATION	ACTIVE CONTROL	MOTOR		
Equipment VFD installed on	VFD Control Basis	HP per motor	Qty of motor	Total HP
ex. Chilled Water Pumps #1 & #2	ex. Maintain Constant Pressure	30	2	60
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
Notes:		<b>TOTAL HP</b>		
		<b>Incentive per HP</b>		<b>x \$80</b>
		<b>TOTAL REBATE</b>		<b>\$</b>