



HVAC Fan VFD Incentive Worksheet

Hawaii Energy

Effective from December 2010 and subject to availability of funding lasts.
 This Program is available for and funded by the Commercial and Industrial Electric Utility Customers of Hawaii, Lanai, Maui, Molokai and Oahu and is administered under the direction of the Hawaii Public Utilities Commission.

Account Name: _____ Project / Building Name: _____

EQUIPMENT & ELIGIBILITY REQUIREMENTS

To qualify for HVAC Fan Variable Frequency Drive (VFD) Incentives, the following conditions:

1. Require pre-notification before projects begin.
2. The program reserves the right to perform on-site verifications, both pre- and post-installation.
3. Existing equipment must not have a VFD. (i.e. – incentives are not available for replacement)
4. For existing facilities, motor hp must be between 3 and 100.
5. For new facilities, motor hp must be between 3 and 25.
6. The VFDs must actively control and vary the fan speed.

APPLICATION		ACTIVE CONTROL	MOTOR		
Equipment VFD installed on		VFD Control Basis	HP per Motor	Motor Qty	Total HP
Ex	Air Handling Unit 1 & 2, 1 st Floor	Maintain Constant Duct Static Pressure	30	2	60
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
Notes:			Total HP		
			Incentive per HP	\$50	
Total Incentive Requested →					



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HVAC Fan 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 Fan 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 \$50 per hp
- 8) Notes: - Add any additional information relevant to project