

Energy Opportunities Worksheet

VARIABLE SPEED DRIVES

DATE: _____

COMPANY NAME: _____

OPERATING SCHEDULE - WEEKDAYS: _____

ADDRESS: _____

OPERATING SCHEDULE - WEEKENDS: _____

PROJECT ID: _____

WEEKS PER YEAR: _____

Location	Drive ID	Drive Quantity	Fan / Pump or Other	Motor HP	Annual Hours Use	% of Time / % of Load					Cost					
						1	2	3	4	5						
Lobby	Supply Fan #1	1	Fan	100	3500	20	90	20	80	20	70	20	60	20	50	

Please Include Manufacturer's Cut Sheets For All Equipment (If Available).

Worksheet Instructions

Variable speed drives are to be listed in terms of the motor being controlled and the time varying profile of motor loading. The motor function should be defined as a fan, pump, conveyor, hoist, mixer, etc. The time varying profile of motor loading should be entered in the boxes with diagonal lines. Use the five boxes to define how the motor load varies and for what percentage of the total annual operating hours these conditions exist. Not all five boxes need to be used to define the time varying motor load profile; however, it is essential that 100% of the time be accounted for in these boxes. Please enter the time % in the top half of the diagonally lined box with the corresponding motor load % in the lower half of the same diagonally lined box.