

INCENTIVES FOR FARM AND DAIRY EQUIPMENT

EQUIPMENT TYPE	EQUIPMENT CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	INCENTIVE
High Efficiency Circulating Fan (See note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/watt	\$25/fan
	24-35" Diameter	Fan must achieve an efficiency level of 18 cfm/watt	\$35/fan
	36-47" Diameter	Fan must achieve an efficiency level of 18 cfm/watt	\$50/fan
	≥ 48" Diameter	Fan must achieve an efficiency level of 25 cfm/watt	\$75/fan
Heat Recovery	--	Heat recovery unit must use heat rejected from milk cooling refrigeration system to heat water. Customer must use electricity for water heating.	\$0.15/kWh annual energy savings
High Efficiency Livestock Waterer	--	Must have two inches or more of insulation surrounding the inside of the waterer and an electric heating element. Waterers with a heating element greater than 250 watts must have an adjustable thermostat. Non-electric waterers do not qualify.	\$165/each
High Efficiency Ventilation Fan (See note 2)	12-23" Diameter	Fan must achieve an efficiency level of 11 cfm/watt	\$45/fan
	24-35" Diameter	Fan must achieve an efficiency level of 13 cfm/watt	\$75/fan
	36-47" Diameter	Fan must achieve an efficiency level of 17 cfm/watt	\$125/fan
	≥ 48" Diameter	Fan must achieve an efficiency level of 19.5 cfm/watt	\$150/fan
Milk Pre-Cooler (Retrofit only)	--	The equipment must cool milk with well-water before it reaches the bulk cooling tank. New construction not eligible.	\$0.15/kWh annual energy savings
Programmable Ventilation Controller	--	The controller must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc.	\$20/fan controlled
Variable Frequency Drive for Dairy Vacuum Pump (Retrofit only)	--	VFD must vary the motor speed based on target vacuum level. Incentive available for retrofit only (i.e. new construction and replacement of existing VFD not eligible).	\$165/hp
Potato or onion storage fan VFD	--	Add variable frequency drive to existing or new fan in potato or onion storage.	\$175/hp

(continued)

Notes for farm and dairy equipment incentives:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Fan performance must be rated by an independent testing body in accordance with the appropriate ANSI/AMCA standards.
3. Incentives are capped at 70 percent of energy efficiency project costs and incentives will not be available to reduce the energy efficiency project simple payback below one year. Energy savings and energy efficiency project costs are subject to approval by Rocky Mountain Power.
4. Except where noted, all equipment listed in the table is eligible for incentives in both new construction and retrofit projects.

AMCA = Air Movement and Control Association International,
Inc.

ANSI = American National Standards Institute

cfm = cubic feet per minute

VFD = Variable Frequency Drive

w = watt