

Other Energy Efficiency Technologies

Rocky Mountain Power provides incentives for many types of energy efficient technologies. Please read the following sections carefully to ensure that you follow the appropriate steps for securing your incentive.

Incentives for additional measures may be available. For more information about the FinAnswer Express program, eligibility requirements, incentive levels or other general inquiries, contact your local equipment dealer or Rocky Mountain Power. You can visit the program website at rockymountainpower.net/wattsmart and submit your inquiry online, or you can call our **energy services hotline** at 1-800-222-4335.

REFRIGERATED DISPLAY OR BEVERAGE VENDING MACHINE OCCUPANCY SENSORS

Measure Description: Refrigerated display and beverage vending machine occupancy sensors provide energy savings by turning off lighting and managing product temperature efficiently when the area surrounding the machine is unoccupied.

Applicability: Installations that have not received an incentive from Rocky Mountain Power previously and are installed in a retrofit application. Incentives are not available for new machines with occupancy sensors already installed. Incentives also apply to refurbished machines that are retrofitted with equipment that includes occupancy sensor control.

Equipment Eligibility: Occupancy sensor control equipment must be purchased and installed, and meet all other program terms and conditions. This measure is intended for refrigerated display machines that contain only non-perishable bottled and canned beverages.

Installations of occupancy-based controls on beverage or refrigerated display machines are eligible for incentives if they perform the following functions:

Using a sensor, the control system determines occupancy in the area around the display cooler according to the following conditions:

1. The control system powers down the vending machine lighting and cooling equipment when the area surrounding the vending machine remains unoccupied for a set period of time, and automatically powers up the vending machine lighting and cooling equipment when the area again becomes occupied.
2. The control system monitors the ambient air temperature while the vending machine is powered down. Using this information, the control system automatically powers up the vending machine equipment at appropriate intervals, independent of occupancy, to ensure that the vended product remains cold.

Items to submit with application:

1. Dated sales receipt/invoice with install date and retailer/contractor name, address and phone number
2. Itemized listing of quantity, description, manufacturer, model number and other identifying information as appropriate
3. Manufacturer's equipment specification sheet
4. A current copy of the Rocky Mountain Power utility bill for the address where the item(s) are installed

Prequalification Required? No.

<u>Equipment Code</u>	<u>Measure Description</u>	<u>Incentive</u>
VMRLTG	Lighted Machine	\$ 75 / sensor
VMRNLT	Non-Lighted Machine	\$ 75 / sensor

REFLECTIVE ROOFING PRODUCTS (COOL ROOFS)

Measure Description: Cool roofs include a variety of paints, coatings, tiles and other materials applied to or incorporated into roof surfaces that reduce the amount of solar radiation absorbed by a facility’s roof. Cool roofing products have high solar reflectance and high radiative emittance, which reduces solar gain of the roof and building, subsequently reducing the cooling load during warmer months. However, cool roof products may increase heating loads during cooler months.

Applicability: New Construction and retrofit installations are eligible.

Equipment Eligibility: This incentive applies to qualifying products installed over mechanically cooled building spaces. Qualifying products must be purchased and installed, meet all other program terms and conditions, and comply with the ENERGY STAR® Reflective Roof Products requirements as follows:

1. For low slope roofs: Initial solar reflectance ≥ 0.65 and must be ≥ 0.50 after three years.
2. For steep slope roofs: Initial solar reflectance ≥ 0.25 and must be ≥ 0.15 after three years.

For further information on Cool Roofs and for a list of qualifying products, visit: www.energystar.gov

Items to Submit with Application:

1. Dated sales receipt/invoice with install date and retailer/contractor name, address and phone number
2. Manufacturer’s equipment specification sheet
3. A copy of the manufacturer’s warranty statement
4. Complete information in Table 1
5. A current copy of the Rocky Mountain Power utility bill for the address where the item(s) are installed

Pre-qualification Required? No.

<u>Equipment Code</u>	<u>Measure Description</u>	<u>Incentive</u>
COOLRF	ENERGY STAR Rated Product	\$0.10 / square foot

Table 1. Reflective Roofing Products Information Table

(Submit copy of table with application)

Customer Name	
Facility Address	
Facility City, State, Zip	
Net Roof Area (Include only roof area over mechanically cooled space, and exclude roof openings and equipment curbs)	
Existing Roofing Product	
Existing HVAC Equipment Type	
Existing HVAC Equipment Size (tons or BTU/hr)	
Reflective roofing product is installed over mechanically cooled building space (circle one)	YES NO
Heating Source (Gas or Electric)	

VERTICAL SOLID-DOOR REFRIGERATORS AND FREEZERS

Measure Description: High-efficiency vertical solid-door refrigerators and freezers are better insulated and contain more efficient refrigeration systems, resulting in considerable energy savings compared to standard refrigerators and freezers.

Applicability: New construction and retrofit installations of vertical solid-door refrigerators and freezers are eligible.

Equipment Eligibility: Equipment must be purchased and installed, meet all other program terms and conditions, and comply with the ENERGY STAR® Commercial Refrigerators and Freezers requirements as detailed in Table 2 below, where V is the interior volume of the refrigerator/freezer as calculated by the Association of Home Appliance Manufacturers (AHAM) Standard Household Refrigerators/Household Freezers (ANSI/AHAM HRF-1-2004)

Table 2. Vertical Solid-Door Efficiency Requirements, Incentive Levels & Equipment Codes

Equipment Code	Measure Description	Equipment Size (cubic feet)	Minimum Efficiency Requirements (Maximum kWh/day)	Incentives
SDREF2	Vertical Solid-Door Refrigerator	$0 < V < 15$	$\leq 0.089V + 1.411$	\$ 100 / unit
		$15 \leq V < 30$	$\leq 0.037V + 2.200$	\$ 125 / unit
		$30 \leq V < 50$	$\leq 0.056V + 1.635$	\$ 150 / unit
		$50 \leq V$	$\leq 0.060V + 1.416$	\$ 175 / unit
SDFRZ2	Vertical Solid-Door Freezer	$0 < V < 15$	$\leq 0.250V + 1.250$	\$ 125 / unit
		$15 \leq V < 30$	$\leq 0.400V - 1.000$	\$ 150 / unit
		$30 \leq V < 50$	$\leq 0.163V + 6.125$	\$ 175 / unit
		$50 \leq V$	$\leq 0.158V + 6.333$	\$ 200 / unit

For further information on Vertical Solid-Door Refrigerators and Freezers, please visit: www.energystar.gov

A list of qualifying products is available on the ENERGY STAR® website at:

http://www.energystar.gov/ia/products/prod_lists/commer_refrig_prod_list.xls

ENERGY STAR chest-style and vertical glass-door refrigerators and freezers are not listed in the incentive tables and may be eligible for a Custom Energy Efficiency Incentive. To be eligible for a Custom Incentive, a FinAnswer Express Incentive Agreement must be signed before you sign any purchase orders for equipment or installation contracts. Custom Energy Efficiency Incentives for such Energy Efficiency Measures will be the product of multiplying Rocky Mountain Power's estimate of the annual energy savings by \$0.08/kWh, where the incentive amount will be limited to no more than 50% of the eligible project cost, and capped at a one-year simple payback. To determine whether a refrigerator/freezer may qualify for a Custom Incentive, and the incentive amount, please call 1-800-222-4335 or e-mail ut.hvacr@rockymountainpower.net.

Items to submit with application:

1. Dated sales receipt/invoice with install date and retailer/contractor name, address and phone number
2. Itemized listing of quantity, description, manufacturer, model number and other identifying information as appropriate
3. Manufacturer's equipment specification sheet
4. A current copy of the Rocky Mountain Power utility bill for the address where the item(s) are installed

Prequalification Required? No, prequalification is not required for vertical solid-door refrigerators and freezers. Prequalification is required for equipment that is not listed in the incentive tables, such as ENERGY STAR chest-style and vertical glass-door refrigerators and freezers.

PLUG LOAD OCCUPANCY SENSORS

Measure Description: Plug load occupancy sensors control low wattage devices using an occupancy sensor. Common applications are computer monitors, desk lamps, printers, and other desktop equipment.

Applicability: New construction and retrofit installations are eligible.

Equipment Eligibility: Incentive applies to any plug strip that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an occupancy sensor. Only equipment with passive infrared (line-of-sight technology that senses changes in the heat emitted by occupants) and/or ultrasonic (senses occupants by the changes in ultrasonic waves that it transmits and receives) detectors controlling electric plug loads is eligible.

Items to submit with application:

1. Dated sales receipt/invoice with install date and retailer/contractor name, address and phone number
2. Itemized listing of quantity, description, manufacturer, model number and other identifying information as appropriate
3. Manufacturer's equipment specification sheet
4. A current copy of the Rocky Mountain Power utility bill for the address where the item(s) are installed.

Prequalification Required? No

<u>Equipment Code</u>	<u>Measure Description</u>	<u>Incentive</u>
PLGSEN	Smart Plug Strips	\$ 15/ unit