

INCENTIVES FOR LIGHTING SYSTEM RETROFITS

CATEGORY		ELIGIBILITY REQUIREMENTS	INCENTIVE
Interior Lighting	Full fixture replacement	With upgrade to Advanced Controls	\$0.20/kWh
		With upgrade to Basic Controls	\$0.18/kWh
		Without controls upgrade	\$0.16/kWh
	Fixture retrofit kits	With controls upgrade to Basic or Advanced Controls	\$0.16/kWh
		Without controls upgrade	\$0.14/kWh
	Controls-only retrofit	Controls-only upgrade to Advanced Controls	\$0.20/kWh
		Controls-only upgrade to Basic Controls	\$0.18/kWh
Lamp replacement	Lamp-only replacements	See point of purchase lighting incentive table	
Exterior Lighting	Full fixture replacement (except street lighting)	With upgrade to Advanced Dimming Controls	\$0.15/kWh
		Without controls upgrade	\$0.10/kWh
	Fixture retrofit kits (except street lighting)	With upgrade to Advanced Dimming Controls	\$0.12/kWh
		Without controls upgrade	\$0.10/kWh
	Street Lighting	With upgrade to Advanced Dimming Controls	\$0.12/kWh
		Without controls upgrade	\$0.09/kWh
	Controls-only retrofit	Controls-only upgrade to Advanced Dimming Controls	\$0.15/kWh
Lamp replacement	Lamp-only replacements	See point of purchase lighting incentive table	
Custom Lighting	Custom	Not listed above	\$0.05/kWh

Notes for lighting system retrofit incentives:

- Actual incentives will be posted on the Idaho energy efficiency program section at Wattsmart.com and subject to change with 45 days' notice. Change notices will be prominently displayed on program website and communicated to participating retailers/distributors and vendors.
- To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by Rocky Mountain Power.
- Incentives are capped at 70 percent of energy efficiency project costs and will not be available to reduce the energy efficiency project simple payback below one year. Energy efficiency project costs are subject to approval by Rocky Mountain Power.
- Incentives listed as \$/kWh are paid per kWh annual energy savings as determined by Rocky Mountain Power.
- Eligible retrofit lighting equipment is defined in qualified equipment lists posted on the Idaho energy efficiency program section at Wattsmart.com.
- A complete list of equipment not eligible for retrofit incentives is available on the Idaho energy efficiency program section at Wattsmart.com.

INCENTIVES FOR NON-GENERAL ILLUMINANCE (RETROFIT ONLY)

MEASURE	CATEGORY	ELIGIBILITY REQUIREMENTS	INCENTIVE
Non-General Illuminance	Exit sign	LED or photoluminescent replacing incandescent or fluorescent	\$15/sign
	LED message center sign	LED replacing existing incandescent signage	\$5/lamp
	LED channel letter sign	LED replacing existing neon or fluorescent signage	\$5/linear foot
	LED marquee/cabinet sign	LED replacing existing fluorescent signage	\$5/linear foot
	LED case lighting – refrigerated case	LED replacing fluorescent lamp in refrigerated cases. LED must be listed on qualified equipment list.	\$10/linear foot
	LED case lighting – freezer case	--	\$10/linear foot
	Refrigerated case occupancy sensor	Installed in existing refrigerated case with LED lighting	\$1/linear foot
Lighting	Custom	Not listed above	\$0.10/kWh annual energy savings

Notes for non-general illuminance incentives:

1. To be eligible for the incentives listed, the new lighting system must use less energy than the existing lighting system replaced or the baseline lighting system as determined by Rocky Mountain Power.
2. 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 efficiency project costs are subject to approval by Rocky Mountain Power.
3. Qualified equipment lists for measures referenced in the above table are posted on the Idaho energy efficiency program section at Wattsmart.com.

LED = Light-Emitting Diode

INCENTIVES FOR LIGHTING NEW CONSTRUCTION/MAJOR RENOVATION

MEASURE	CATEGORY	ELIGIBILITY REQUIREMENTS	INCENTIVE
Interior Lighting*	Lighting and lighting control	1. The total connected interior lighting power for new construction/major renovation projects must be at least 10% lower than the interior lighting power allowance calculated under the applicable version of the state energy code. For new construction/major renovation projects not included in the state energy code, the total connected lighting power must be 10% lower than common practice as determined by Rocky Mountain Power.	\$0.08/kWh annual energy savings
		2. Energy savings are subject to approval by Rocky Mountain Power.	
Exterior Lighting	LED outdoor pole/roadway, decorative	< 75W; LED must be listed on qualified equipment list	\$25/fixture
	LED outdoor pole/roadway	≤ 200W; LED must be listed on qualified equipment list	\$50/fixture
		> 200W; LED must be listed on qualified equipment list	\$175/fixture
	LED canopy/soffit	LED must be listed on qualified equipment list	\$50/fixture
	LED wall packs	< 50W; LED must be listed on qualified equipment list	\$50/fixture
		≥ 50W; LED must be listed on qualified equipment list	\$50/fixture
	LED flood lights	< 100W; LED must be listed on qualified equipment list	\$50/fixture
		≥ 100W; LED must be listed on qualified equipment list	\$100/fixture
Exterior dimming control	Must control LED technology in an exterior lighting application. Control must be integral to LED fixture or fixture-mounted and reduce fixture power by 75% or more for a minimum of 6 hours per night or when the space has been unoccupied for 15 minutes or less.	\$0.34/watt controlled**	
Custom	Not listed above	\$0.08/kWh annual energy savings	

* Project cost caps of 70 percent and one-year simple payback caps apply to new construction and major renovation projects that are not subject to state energy code. The one-year simple payback cap means incentives will not be available to reduce the simple payback of a project below one year. If required, individual measure incentives will be adjusted downward pro-rata so the project has a simple payback after incentives of one year.

**Exterior lighting controls required by the applicable version of the state energy code are not eligible for incentives.

LED = Light-Emitting Diode



INCENTIVES FOR MOTORS

EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	INCENTIVE
Electronically Commutated Motor (ECM) – Retrofit only	≤1 horsepower	Refrigeration application	--	\$1/watt
		HVAC application	--	\$50/horsepower
Variable Frequency Drives (HVAC fans and pumps)	≤100 horsepower	HVAC fans and pumps	See note 2	\$65/horsepower
Green Motor Rewinds	≥15 and ≤ 5,000 horsepower	--	Must meet GMPG Standards	\$1/horsepower (See note 3)

Notes for motor incentives:

- Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
- Throttling or bypass devices, such as inlet vanes, bypass dampers, three-way valves, or throttling valves must be removed or permanently disabled to qualify for HVAC fan or pump VFD incentives. VFDs required by or used to comply with the applicable version of the Idaho energy code are not eligible for incentives. Savings will only be realized for installations where a variable load is present.
- For Green Motor Rewinds, the participating electric motor service center is paid \$2/horsepower for eligible Green Motor Rewinds.
A minimum of \$1/horsepower is paid by the service center to the customer as a credit on the motor rewind invoice. The balance is retained by the service center. Green Motor Rewind motors that are installed or placed in inventory may qualify for an incentive.

ECM = Electronically Commutated Motor
 GMPG = Green Motors Practices Group
 HP = Horsepower
 HVAC = Heating, Ventilation and Air Conditioning
 VFD = Variable Frequency Drive

INCENTIVES FOR HVAC EQUIPMENT

EQUIPMENT TYPE	CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENTS & OFFERED INCENTIVES		
			\$25/TON	\$50/TON	\$75/TON
Unitary Commercial Air Conditioner	Air-cooled	All equipment sizes	--	CEE Tier 2	CEE Advanced Tier
	Water cooled				--
	Evaporatively cooled				--
Packaged Terminal Air Conditioners (PTAC)	--	≤ 8,000 Btu/hr	12.2 EER	--	--
		> 8,000 Btu/hr and < 10,500 Btu/hr	11.9 EER		
		≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	10.7 EER		
		> 13,500 Btu/hr	9.9 EER		
Packaged Terminal Heat Pumps (PTHP) (See note 3)	--	≤ 8,000 Btu/hr	12.2 EER and 3.4 COP	--	--
		> 8,000 Btu/hr and < 10,500 Btu/hr	11.5 EER and 3.3 COP		
		≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	10.7 EER and 3.1 COP		
		> 13,500 Btu/hr	9.8 EER and 3.0 COP		
Unitary Commercial Heat Pumps (See note 3)	Air-cooled	< 65,000 Btu/hr (single phase)	--	CEE Tier 2	--
		< 65,000 Btu/hr (three phase)	CEE Tier 1		
		> 65,000 Btu/hr (three phase)			
	Water cooled	All equipment sizes	--	CEE Tier 1	
	Ground source	All equipment sizes	--	ENERGY STAR [®] qualified	
	Groundwater source	All equipment sizes	--		
Heat Pump Loop	Ground source, closed loop	All equipment sizes	New loop	--	--
	Groundwater source, open loop				

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EQUIPMENT TYPE	CATEGORY	SUB-CATEGORY	INCENTIVE
VRF Heat Pumps (See note 3)	Air cooled	Multisplit system, all equipment sizes	CEE Tier 1 \$125/ton
		Multisplit system with heat recovery, all equipment sizes	
	Water cooled	Multisplit system, all equipment sizes	CEE Tier 1 \$125/ton
		Multisplit system with heat recovery, all equipment sizes	

Notes for HVAC equipment incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for the listed incentive. Equipment must meet all listed efficiency requirements to qualify for the listed incentives.
2. PTHPs can replace electric resistive heating, which must be removed.
3. Incentives for heat pumps are available per ton of cooling capacity ONLY. No incentives are paid per ton of heating capacity. Heat pumps must meet both the cooling mode and heating mode efficiency requirements to qualify for per ton cooling efficiency incentives.
4. Equipment size categories are specified in terms of net cooling capacity at AHRI standard conditions as determined by AHRI Standard 210/240 for units < 65,000 Btu/hr, AHRI Standard 340/360 for units ≥ 65,000 Btu/hr, AHRI Standard 310/380 for PTAC and PTHP units, and AHRI Standard 1230 for VRF systems.
5. Ground- and water-source heat pumps must meet or exceed listed efficiency requirements when rated in accordance with ISO-13256-1 to qualify for the listed incentive.
6. Efficiency requirements align with the unitary air conditioning and heat pump specification maintained by the Consortium for Energy Efficiency for equipment with heating sections other than electric resistance. CEE minimum efficiency requirements are listed at Wattsmart.com.

AHRI = Air-conditioning, Heating, and Refrigeration Institute
 CEE = Consortium for Energy Efficiency
 COP = Coefficient of Performance
 EER = Energy Efficiency Ratio
 HSPF = Heating Seasonal Performance Factor
 HVAC = Heating, Ventilation and Air Conditioning

IEER – Integrated Energy Efficiency Ratio
 PTAC = Packaged Terminal Air Conditioner
 PTHP = Packaged Terminal Heat Pump

 SEER = Seasonal Energy Efficiency Ratio
 VRF = Variable Refrigerant Flow



INCENTIVES FOR OTHER HVAC EQUIPMENT AND CONTROLS

EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	INCENTIVE
Evaporative Cooling	All sizes	Direct or indirect	--	\$0.06/CFM
Indirect-Direct Evaporative Cooling (IDEC)	All sizes	--	Applicable system components must exceed minimum efficiencies required by energy code	\$0.15/kWh annual energy savings (See note 2)
Chillers	All except chillers intended for backup service only	Serving primarily occupant comfort cooling loads (no more than 20% of process cooling loads)	Must exceed minimum efficiencies required by energy code	\$0.15/kWh annual energy savings (See note 3)
365/366 Day Programmable or Occupancy-based Thermostat	All sizes in portable classrooms with mechanical cooling	Must be installed in portable classroom unoccupied during summer months	365/366 day thermostatic or occupancy-based setback capability	\$150/thermostat
Occupancy-based PTHP/PTAC Control	All sizes with no prior occupancy-based control	--	See note 4	\$50/controller
Evaporative Pre-cooler (Retrofit only)	--	For single air-cooled packaged rooftop or matched split-system condensers only	Minimum performance efficiency of 75%. Must have enthalpy controls to control pre-cooler operation. Water supply must have chemical or mechanical water treatment.	\$75/ton of attached cooling capacity (See note 5)
Advanced Rooftop Unit Control (Retrofit)	≥ 5 tons and ≤ 10 tons	Must be installed on existing unitary packaged rooftop units (no split-systems), ≥ 5 tons nominal cooling capacity with constant speed supply fans.	Controls must include: • Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilations and space conditioning needs; • Digital integrated economizer control	\$2,000
	> 10 tons and ≤ 15 tons			\$2,800
	> 15 tons and ≤ 20 tons			\$4,000
	>20 tons			\$4,500
Advanced Rooftop Unit Control (New RTU)	≥ 5 tons and ≤ 10 tons	Must be installed unitary packaged rooftop units (no split systems), ≥ 5 tons nominal cooling capacity.	Controls must include: • Either a supply fan VFD or multi-speed supply fan motor with controller that meets ventilations and space conditioning needs; • Digital integrated economizer control	\$1,200
	> 10 tons and ≤ 15 tons			\$1,800
	> 15 tons and ≤ 20 tons			\$2,500
	>20 tons			\$2,800
Advanced Rooftop Unit Control (DCV only)	≥ 5 tons and ≤ 10 tons	Must be installed unitary packaged rooftop units (no split systems), ≥ 5 tons nominal cooling capacity.	Controls must include digital integrated economizer control with either an existing supply fan VFD or an existing multi-speed supply fan motor and controller that meets ventilation and space conditioning needs.	\$500
	> 10 tons and ≤ 15 tons			\$600
	> 15 tons and ≤ 20 tons			\$700
	>20 tons			\$800
Smart Thermostat	Residential (used in a business)		See Home Energy Savings program	

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Notes for HVAC equipment and controls incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Incentives are paid at \$0.15/kWh annual energy savings. IDEC energy savings are subject to approval by Rocky Mountain Power.
3. Incentives paid at \$0.15/kWh annual energy savings. Chiller energy savings are subject to approval by Rocky Mountain Power.
4. Controller units must include an occupancy-based control and include the capability to set back the zone temperature during extended unoccupied periods and set up the temperature once the zone is occupied.
5. Incentives for evaporative pre-coolers 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.
6. Energy efficiency project costs are subject to Rocky Mountain Power approval.
7. Evaporative pre-cooler incentives are subject to the project cost cap and the one-year payback cap.
8. Incentives are not available for new RTU Advanced Rooftop Unit Control required by the applicable version of state energy code.

CFM = Cubic Feet per Minute

HVAC = Heating, Ventilation and Air Conditioning

IDEC = Indirect-Direct Evaporative Cooling

PTAC = Packaged Terminal Air Conditioner

PTHP = Packaged Terminal Heat Pump

INCENTIVES FOR BUILDING ENVELOPE RETROFITS

EQUIPMENT TYPE	CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	INCENTIVE
Cool Roof	--	ENERGY STAR® qualified	\$0.05/square foot
Roof/Attic Insulation	--	Minimum increment of R-10 insulation added	\$0.09/square foot
Wall Insulation	--	Minimum increment of R-10 insulation added	\$0.07/square foot
Windows (See notes 3, 4)	Site-built	U-factor \leq 0.30 and SHGC \leq 0.33 (glazing only rating)	\$0.35/square foot
	Assembly	U-factor \leq 0.30 and SHGC \leq 0.33 (entire window assembly rating)	\$0.35/square foot
Window Film	Existing windows	See note 5	\$0.15/kWh annual energy savings (See note 5)

Notes for building envelope retrofit incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for building envelope incentives.
3. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive incentives.
4. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
5. Incentives for window film are calculated based on film specifications and window orientation at \$0.15/kWh annual energy savings. Energy savings subject to approval by Rocky Mountain Power.

NFRC = National Fenestration Rating Council
SHGC = Solar Heat Gain Coefficient

INCENTIVES FOR BUILDING ENVELOPE NEW CONSTRUCTION/MAJOR RENOVATION

EQUIPMENT TYPE	CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	INCENTIVE
Cool Roof	--	ENERGY STAR [®] qualified	\$0.05/square foot
Roof/Attic Insulation	--	Minimum increment of R-5 insulation above code (See note 5)	\$0.09/square foot
Wall Insulation	--	Minimum increment of R-3.7 continuous insulation above code (See note 5)	\$0.07/square foot
Windows (See note 3, 4)	Site-built	U-factor \leq 0.30 and SHGC \leq 0.33 (glazing only rating)	\$0.35/square foot
	Assembly	U-factor \leq 0.30 and SHGC \leq 0.33 (entire window assembly rating)	\$0.35/square foot

Notes for building envelope incentives for new construction/major renovation projects:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Building must be conditioned with mechanical cooling to be eligible for building envelope incentives.
3. Energy performance of window assemblies and glazing products must be rated in accordance with NFRC. Site-built metal window systems must include a thermal break within the frame or other appropriate NFRC certification to qualify for incentives. Skylights are not eligible to receive the incentives.
4. Window square footage is determined by the dimensions of the entire window assembly, not just the window glass.
5. Compliance with the minimum efficiency requirements of the roof/attic and wall insulation measures may be demonstrated with equivalent U-factors and is subject to approval by Rocky Mountain Power.

NFRC = National Fenestration Rating Council
SHGC = Solar Heat Gain Coefficient

INCENTIVES FOR FOOD SERVICE EQUIPMENT

EQUIPMENT TYPE	EQUIPMENT CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	INCENTIVE/UNIT
Commercial Dishwasher (High temperature models w/electric boosters only)	Undercounter	ENERGY STAR [®] qualified	\$100
	Single Tank Stationary (Door)		\$400
	Single tank conveyor		\$1,000
	Multiple tank conveyor		\$500
Electric Insulated Holding Cabinet	Volume ≥ 28 cu. ft.	ENERGY STAR qualified	\$700
	13 ≤ Volume < 28 cu. ft.		\$300
	Volume < 13 cu. ft.		\$200
Electric Steam Cooker	All sizes	ENERGY STAR qualified	\$300
Electric Convection Oven	Half Size	ENERGY STAR qualified	\$200
	Full Size		\$350
Electric Griddle	All sizes	ENERGY STAR Tier 2 qualified	\$150
Electric Combination Oven	< 15 pans	ENERGY STAR qualified	\$1,000
	16-28 pans	ENERGY STAR qualified	\$500
Electric Commercial Fryer	Width < 18 inches (Standard)	ENERGY STAR qualified	\$300
	Width ≥ 18 inches (Large)		
Ice Machines (Air-cooled only)	Harvest rate < 500 lbs/day	ENERGY STAR qualified	\$125
	Harvest rate ≥ 500 lbs/day		\$150
Demand Controlled Kitchen Ventilation Exhaust Hood (Retrofit only)	Must be installed on commercial kitchen exhaust system	Variable speed motors must be controlled to vary fan speed depending upon kitchen demand, as indicated by connected sensors	\$0.15/kWh annual energy savings (See note 2)
Anti-Sweat Heater Controls (Retrofit only)	Low-temp (freezing) cases	Technologies that reduce energy consumption of anti-sweat heaters based on sensing humidity	\$20/linear foot (case length)
	Mid-temp (refrigerated) cases		\$16/linear foot (case length)

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See Appliances section for additional incentives.

Notes for food service equipment incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Incentives are paid at \$0.15/kWh annual energy savings. Demand controlled kitchen ventilation exhaust hood energy savings subject to approval by Rocky Mountain Power.

CEE = Consortium for Energy Efficiency

INCENTIVES FOR APPLIANCES

EQUIPMENT TYPE	EQUIPMENT CATEGORY	MINIMUM EFFICIENCY REQUIREMENT	INCENTIVE
High-Efficiency Clothes Washer	Residential (used in a business)	See Home Energy Savings program	See note 3
	Commercial (must have electric water heating)	ENERGY STAR [®] qualified	\$100
Heat Pump Water Heater	Residential (used in a business)	See Home Energy Savings program	

See Food Service Equipment section for additional incentives.

Notes for appliance incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.
2. Equipment must meet the efficiency rating standard that is in effect on the date of purchase.
3. Refer to Rocky Mountain Power's Home Energy Savings program at www.rockymountainpower.net/savings-energy-choices/home.html for efficiency requirements and incentives for listed residential appliances used in a business.

INCENTIVES FOR OFFICE EQUIPMENT

EQUIPMENT TYPE	MINIMUM EFFICIENCY REQUIREMENTS	INCENTIVE
Smart Plug Strip	<ol style="list-style-type: none"> 1. Incentive applies to any plug strip on Qualified Product List that eliminates idle or stand-by power consumption of connected plug-load appliance through the use of an electric load sensor. 2. Applies only to electric plug-load applications (e.g. computer monitors.) 	\$5/qualifying unit

Notes for office equipment incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the equipment category in the above table may qualify for the listed incentive.

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

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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

INCENTIVES FOR WHEEL LINE, HAND LINE OR OTHER PORTABLE SYSTEMS
(RETROFIT ONLY)

IRRIGATION MEASURE	REPLACE	WITH	LIMITATIONS (INCLUDING BUT NOT LIMITED TO)	INCENTIVE
New rotating sprinkler replacing worn or leaking impact or rotating sprinkler	Leaking or malfunctioning impact rotating sprinkler	Rotating sprinkler	<ol style="list-style-type: none"> 1. Fixed-in-place (solid set) systems not eligible. 2. Incentive limited to two sprinklers per irrigated acre. 	\$2.50 each
New or rebuilt impact sprinkler replacing worn or leaking impact sprinkler	Leaking or malfunctioning impact sprinkler	New or rebuilt impact sprinkler	<ol style="list-style-type: none"> 1. New nozzle shall be included in new or rebuilt sprinkler. 2. Rebuilt sprinkler shall meet or exceed manufacturer's specifications. 3. Fixed-in-place (solid set) systems not eligible. 4. Incentive limited to two sprinklers per irrigated acre. 	\$2.25 each
New gasket replacing leaking gasket, including main line valve or section gasket, seal or riser cap (dome disk)	Leaking gasket	New gasket, including main line valve or section gasket, seal or riser cap (dome disk)	<ol style="list-style-type: none"> 1. New gasket must replace leaking gasket. 2. Fixed-in-place (solid set) systems not eligible. 3. Incentive limited to two gaskets per irrigated acre. 	\$2 each
New drain replacing leaking drain	Leaking drain	New drain, including drains on pivots and linears	<ol style="list-style-type: none"> 1. New drain must replace leaking drain. 2. Fixed-in-place (solid set) systems not eligible. 3. Incentive limited to two drains per irrigated acre. 	\$3 each
Cut and press or weld repair of leaking wheel line, hand line or portable main line	Leak in wheel line, hand line or portable main line	Cut and pipe press or weld repair	Invoice must show number of leaks repaired	\$10/repair
New or rebuilt wheel line leveler replacing leaking or malfunctioning leveler	Replace leaking or malfunctioning leveler	New or rebuilt leveler	<ol style="list-style-type: none"> 1. Applies to leaking or malfunctioning levelers only. 2. For rebuilds, invoice must show number of rebuild kits purchased and installed. 	\$3 each
New nozzle replacing worn nozzle of same design flow or less on existing sprinkler	Worn nozzle	New nozzle (including flow control nozzles) of same design flow or less	<ol style="list-style-type: none"> 1. Flow rate shall not be increased. 2. Fixed-in-place (solid set) systems not eligible. 3. Incentive limited to two nozzles per irrigated acre. 	\$0.50 each

IRRIGATION INCENTIVES FOR PIVOT AND LINEAR SYSTEMS (RETROFIT ONLY)

IRRIGATION MEASURE	REPLACE	WITH	LIMITATIONS (INCLUDING BUT NOT LIMITED TO)	INCENTIVE
Low-pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing impact sprinkler	Impact sprinkler	New low-pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item with additional incentive)	New sprinkler is of same design flow or less.	\$3 each
Low-pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray) replacing worn low-pressure sprinkler	Worn low-pressure sprinkler (e.g. rotating, wobbling, multi-trajectory spray)	New low-pressure sprinkler (on-board nozzle is considered part of sprinkler, not a separate item with additional incentive)	New sprinkler is of same design flow or less.	\$1.50 each
Pressure regulator	Worn pressure regulator. May also add regulator where there had been none before.	New pressure regulator of same design pressure or less	New regulator must be of the same design pressure or less.	\$3 each
New drain replacing leaking drain	Leaking drain	New drain	1. New drain must replace leaking drain. 2. Fixed-in-place (solid set) systems are not eligible. 3. Incentive limited to two drains per irrigated acre.	\$3 each

IRRIGATION INCENTIVES FOR ANY TYPE OF SYSTEM (RETROFIT OR NEW CONSTRUCTION, INCLUDING NON-AGRICULTURAL IRRIGATION APPLICATIONS)

IRRIGATION MEASURE	REPLACE	WITH	LIMITATIONS (INCLUDING BUT NOT LIMITED TO)	INCENTIVE
Irrigation pump VFD	--	Add variable frequency drive to existing or new irrigation pump	1. Pumps serving any type of irrigation water transport or distribution system are eligible – wheel lines, hand lines, pivots, linears, fixed-in-place (solid set). 2. Both retrofit and new construction projects are eligible.	\$0.15/kWh annual savings

Notes for irrigation incentive tables on previous page and above:

1. Equipment that meets or exceeds the requirements listed above may qualify for the listed incentive.
2. Except for the pump VFD measure, incentives listed here are available only for retrofit projects where new equipment replaces existing equipment (i.e. new construction is not eligible).
3. Except for the pump VFD measure, equipment installed in fixed-in-place (solid set) systems is not eligible. Incentive is limited to two units per irrigated acre.
4. Incentives are capped at 70 percent of energy efficiency 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 Rocky Mountain Power approval.

VFD = Variable Frequency Drive

INCENTIVES FOR COMPRESSED AIR (SYSTEM SIZE ≤ 75 HORSEPOWER FOR MOST MEASURES)

EQUIPMENT CATEGORY	REPLACE	WITH	LIMITATIONS	UNIT	INCENTIVE
Receiver Capacity Addition	Limited or no receiver capacity (≤ 2 gallons per scfm of trim compressor capacity)	Total receiver capacity after addition must be > 2 gallons per scfm of trim compressor capacity	<ol style="list-style-type: none"> Compressor system size ≤ 75 hp, not counting backup compressor(s). Trim compressor must use load/unload control not inlet modulation or on/off control. Systems with VFD compressor or using variable displacement compressor as trim compressor are not eligible. 	gal	\$3/gallon above 2 gallons per scfm
Cycling Refrigerated Dryer	Non-cycling refrigerated dryer	Cycling refrigerated dryer	<ol style="list-style-type: none"> Rated dryer capacity must be ≤ 500 scfm. Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode. Refrigeration compressor must cycle off during periods of reduced demand. 	scfm	\$2/scfm
VFD Controlled Compressor	Fixed speed compressor	≤ 75 hp VFD-controlled oil-injected screw compressor operating in a system with total compressor capacity ≤ 75 hp, not counting backup compressor capacity	<ol style="list-style-type: none"> Total compressor capacity in upgraded system is ≤ 75 hp, not counting backup compressor. Compressor must adjust speed as primary means of capacity control. 		\$0.15/kWh annual energy savings
Zero Loss Condensate Drain	Timer drain	Zero loss condensate drain (See note 4)	Drain is designed to function without release of compressed air into the atmosphere. Any size system is eligible – there is no restriction on compressor size.	each	\$100 each
Outside Air Intake	Compressor drawing intake air from compressor room	Permanent ductwork between compressor air intake and outdoors	<ol style="list-style-type: none"> Compressor system size ≤ 75 hp Ductwork must meet manufacturer's specifications, which may include: (a) ≤ 0.25" W.C. pressure loss at rated flow, and (b) allow use of compressor room air during extremely cold outside air conditions. 	hp	\$6/hp

Notes for compressed air incentives:

- Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
- Except for the zero loss condensate drain and cycling refrigerated dryer measures, eligibility for incentives is limited to compressed air systems with total compressor capacity of 75 hp or less, not including backup compressor capacity that does not normally run.
- Incentives are capped at 70 percent of energy efficiency project costs, and incentives will not be available to reduce energy efficiency project simple payback below one year. Energy savings and energy efficiency project costs are subject to approval by Rocky Mountain Power.
- Zero loss condensate drains purchased as an integral part of another measure are eligible for the incentives shown above.

hp = Horsepower
 ppm = parts per million
 psi = pounds per square inch
 scfm = cubic feet of air per minute at standard conditions (14.5 psia, 68°F and 0% relative humidity)
 VFD = Variable Frequency Drive



INCENTIVES FOR WASTEWATER AND OTHER REFRIGERATION

EQUIPMENT TYPE	REPLACE	WITH	INCENTIVE
Adaptive Refrigeration Control	Conventional controls (defrost timeclock, space thermostat, evaporator fan control, if any, thermal expansion valve in some instances)	Adaptive refrigeration controller and, in some instances, electric expansion valve	\$0.15/kWh annual energy savings
Fast Acting Door	Manually operated door, automatic door with long cycle time, strip curtain, or entryway with no door in refrigerated/conditioned space	Fast acting door	\$0.15/kWh annual energy savings
Wastewater – Low Power Mixer	Excess aeration capacity	Extended range circulator	\$0.15/kWh annual energy savings

Notes for wastewater and other refrigeration incentives:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. Incentives are capped at 70 percent in 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 Rocky Mountain Power approval.