PacifiCorp's Planned Changes to *watt*smart Business in Idaho
December 20, 2019

PacifiCorp is planning modifications to the ***watt***smart Business energy efficiency incentive program, which is offered through Schedule 140. Consistent with the flexible tariff process[1] for the ***watt***smart Business program documented and approved in Case No. PAC-E-12-10, notice of the changes will be posted on the program website[2] 45 days prior to implementation. Proposed changes to the incentive tables are included in Exhibit A.

BACKGROUND

The ***watt***smart Business program is available to PacifiCorp's commercial, industrial, and agricultural customers in Idaho and offers incentives for prescriptive, custom and energy management measures. Incentives are available for both retrofit projects and new construction/major renovation projects.

DESCRIPTION OF PLANNED WATTSMART BUSINESS CHANGES

Proposed adjustments are listed below, with further necessary explanation provided in subsequent sections.

1. Discontinue individual offerings for goosenecks, drop tubes, and flow control nozzles;
2. Discontinue automatic milk takeoff and agricultural engine block heater timer offerings;
3. Add variable speed milk pumps as a prescriptive offering in lieu of custom; and
4. Remove redundant water distribution measure incentive table.

DISCONTINUED OFFERINGS

Goosenecks and Drop Tubes. Currently, goosenecks and drop tubes are offered as individual measures, based on the Regional Technical Forum ("RTF") analysis v3.3 from November 2016. In the more recent RTF analysis v4.1 from May 2018 however, goosenecks and drop tubes are no longer included as separate, individual measures. Accordingly, the individual offerings for goosenecks and drop tubes will be discontinued to align with the RTF.

Flow Control Nozzles. Flow control nozzles currently have higher incentives than regular nozzles due to their higher cost and assumed higher savings, which was based on the RTF v3.3 analysis. The more recent RTF v4.1 analysis however, uses the same savings assumptions for both measures due to the absence of data for flow control nozzles, which are uncommon and have only been included in three projects over the past two years. With no additional savings benefits from flow control nozzles over regular nozzles, the separate flow control nozzle offering with the higher incentive will be discontinued. Flow control nozzles will still be eligible for an incentive at the same amount as regular nozzles.

[1] See Direct Testimony of Nancy Goddard pp. 16-18 and Attachment C in Case No. PAC-E-12-10.
[2] https://www.rockymountainpower.net/savings-energy-choices/business/wattsmart-efficiency-incentives-idaho.html

Automatic Milker Takeoffs (Retrofit Only). Automatic milker takeoffs have evolved in the market such that they are now standard practice, and continuing to offer incentives would be considered free ridership. Accordingly, the offering for this measure will be discontinued.

Agricultural Engine Block Heater Timers. This measure was intended to regulate engine block heaters of machinery during the winter, but has had no participation. All winter-operating machinery on farms are apparently kept inside heated maintenance sheds, thus removing the need of farmers to heat up their engine blocks during the winter. Due to the lack of applicability and participation, this offering will be discontinued.

NEW PRESCRIPTIVE OFFERING

Variable Speed Milk Pumps. Currently, variable speed milk pumps are offered as a custom measure, with each installation inspected and associated savings calculated. This measure has been benchmarked and prescribed across the country, including Utah, and as such will be offered as a prescriptive measure going forward with a deemed savings value of 2,505 kWh per horsepower to align with industry standards. Moving this offering to a prescriptive measure in lieu of a custom measure will improve cost-effectiveness by reducing administrative costs on the wattsmart Business program. This measure will have a maximum cost-effective incentive of $165 per horsepower, and will be initially offered to customers at the maximum amount.

FLEXIBLE TARIFF TABLE CLEANUP

The "Water Distribution Measure Incentives" table contains duplicates of measures in other tables, and has become unnecessary as a standalone table. The nozzle, gasket, drain, and cut and press or weld repair offerings are all included within the "Wheel Line, Hand Line, or Other Portable Systems" and "Pivot and Linear Systems" incentive tables. Accordingly, the Water Distribution Measure Incentives table will be removed as a cleanup item.

COST-EFFECTIVENESS

The cost-effectiveness analysis for the Agricultural offerings within the wattsmart Business program, attached hereto as Exhibit B, was based on maximum "up to" incentive levels. Table 5 below, pulled from Exhibit B, presents the expected cost-effectiveness of the Agricultural program within the wattsmart Business portfolio, assuming these proposed changes become effective. Full detailed inputs and results are provided in Exhibit B. The Agricultural program within the wattsmart Business portfolio is expected to remain cost-effective from the Utility Cost Test perspective at 1.3.

Table 5 (Exhibit B) – wattsmart Business Agriculture Program Cost-Effectiveness PY2020 and PY2021

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit /Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	$0.0549	$1,144,096	$1,243,362	$99,266	1.09
Total Resource Cost Test (TRC) No Adder	$0.0549	$1,144,096	$1,130,329	($13,767)	0.99
Utility Cost Test (UCT)	$0.0416	$866,800	$1,130,329	$263,529	1.30
Rate Impact Test (RIM)		$3,825,019	$1,130,329	($2,694,690)	0.30
Participant Cost Test (PCT)		$833,400	$3,357,219	$2,523,819	4.03
Lifecycle Revenue Impacts ($/kWh)					$0.0001731
Discounted Participant Payback (years)					2.85

Exhibits Provided

Exhibit A – Clean wattsmart Business incentive tables and associated information.

Exhibit B – Redlined wattsmart Business incentive tables and associated information.

Exhibit C – wattsmart Business Agricultural Program Cost-Effectiveness Analysis

Exhibit A

Idaho Non-Residential Energy Efficiency

This document includes the following three sections:

- Definitions of terms used in Schedule 140 and other program documents
- Incentives – General Information
- Incentive tables

DEFINITIONS:

Customer: Any party who has applied for, been accepted and receives service at the real property, or is the electricity user at the real property.

Energy Efficiency Incentive: Payments of money made by Company to Owner or Customer for installation of an Energy Efficiency Measure pursuant to an acknowledged Energy Efficiency Incentive Offer Letter or approved Energy Efficiency Incentive Application.

Energy Efficiency Incentive Offer Letter: An offer made by Company and acknowledged by Owner or Customer providing for Company to furnish Energy Efficiency Incentives for an Energy Efficiency Project.

Incentive Application: An application submitted by Owner or Customer to Company for Energy Efficiency or Energy Management Incentives.

Energy Efficiency Measure (EEM): A permanently installed measure which can improve the efficiency of the Customer's electric energy use.

Energy Efficiency Measure (EEM) Cost:
New Construction/Major Renovation: EEM Cost is the total installed cost of energy efficiency equipment or system minus the cost of the code compliance/common practice equipment or system.

Retrofit: EEM Cost is the total installed cost of the energy efficiency equipment or modification.

In the case of New Construction, Major Renovation and Retrofits, EEM Costs shall mean the Owner or Customer's reasonable costs incurred (net of any discounts, rebates or incentives other than Energy Efficiency Incentives from the Company, or other consideration that reduces the final actual EEM Cost incurred by the Owner or Customer) to purchase and install EEMs at the Owner's or Customer's facility. If the owner or customer installs the EEM then the cost of installation shall be equal to the Owner's or Customer's actual labor costs for such installation.

Energy Efficiency Project: One or more EEM(s) at a Non-residential Facility[1] with similar one year payback limitations (below) covered by one Energy Efficiency Incentive Offer Letter.

Energy Efficiency Project Cost: The sum of EEM Costs for one or more EEM(s) with similar one year payback limitations (see below) covered by one Energy Efficiency Incentive Offer Letter.

[1] Measures at multiple Non-residential Facilities may be included in one Offer Letter for convenience; however, project incentive caps (if any) are applied per individual Non-residential Facility.

Energy Management Offer Letter: An offer made by Company and acknowledged by Owner or Customer and Company providing for Company to furnish Energy Management Incentives for an Energy Management Project.

Energy Management Incentive: Payments of money made by Company to Owner or Customer for implementation of an Energy Management Measure pursuant to an executed Energy Management Offer Letter.

Energy Management Measure (EMM): an operational improvement which, when implemented in an eligible facility, result in electric savings compared to current operations as determined by Company.

Energy Management Project: One or more EMM(s) at a Non-residential Facility covered by one Energy Management Offer Letter.

Energy Project Manager: an employee or direct contractor of the Customer who will manage electrical energy efficiency projects that deliver savings toward the Customer/Owner's energy savings goal.

Energy Project Manager Co-funding: funding towards the Energy Project Manager agreed upon full value salary that is solely attributable to electrical energy efficiency work.

Major Renovation: A change in facility use type or where the existing system will not meet Owner/Customer projected requirements within existing facility square footage.

Mixed Use: Buildings served by a residential rate schedule and a rate schedule listed under **Applicable** in Idaho Schedule 140 shall be eligible for services under Schedule 140 provided the Energy Efficiency Project meets the definition of New Construction or where the Company adjusts the baseline energy consumption and costs.

New construction: A newly constructed facility or newly constructed square footage added to an existing facility.

Non-residential Facility: A Customer site that is served by Company and meets the applicability requirements of Idaho Schedule 140, the program tariff, on file with the Idaho Public Utilities Commission.

Owner: The person who has both legal and beneficial title to the real property, and is the mortgager under a duly recorded mortgage of real property, the trustor under a duly recorded deed of trust.

Retrofit: Changes, modifications or additions to systems or equipment in existing facility square footage.

Purchase Transaction-level Cost: The total eligible cost of qualifying equipment on a single invoice for a non-Residential Facility.

INCENTIVES – GENERAL INFORMATION

Incentives for Measures Listed in the Incentive Tables
Per unit incentives are listed in the program incentives tables for specific Energy Efficiency Measures (EEMs) and are subject to the incentive caps below. Incentives are subject to change and current incentives can be found on the Idaho energy efficiency program section of the Company website.

Custom Incentives
EEMs not listed in the prescriptive incentive tables (typical upgrades) may be eligible for a Custom Energy Efficiency Incentive. The Company will complete an analysis of the EEM Cost and electric energy savings and determine whether to offer a custom Energy Efficiency Incentive and the Energy Efficiency Incentive amount.

Energy management incentives
Non-Capital improvements to operations and maintenance within a qualifying facility may be eligible for an Energy Management Incentive. Company will partner with Customer to complete an analysis of the electric energy savings of potential energy management measures and determine whether to offer an Energy Management Incentive and the incentive amount.

Energy project manager co-funding
The Company may fund an additional $0.025 per kWh of verified wattsmart Business annual energy savings, up to 100 percent of the Energy Project Manager's salary. Salary is based on a letter from the Customer/Owner's human resources or accounting department stating the base annual salary and an appropriate overhead percentage, and subject to approval by Company.

Baseline adjustments
The baseline wattage for all Retrofit linear fluorescent lighting Energy Efficiency Measures is the lesser of

a) Wattage of existing equipment or
b) Wattage of deemed baseline ballast and lamp combination as listed in the lighting table available on the Idaho energy efficiency program section of the Company website.

Company may adjust baseline electric energy consumption and costs to reflect any of the following: energy codes, standard practice, changes in capacity, changes in production or facility use and equipment at the end of its useful life. Such adjustments may be made for lighting energy efficiency measures installed in New Construction/Major Renovation projects where energy code does not apply.

INCENTIVES:[2,3]

Category		Incentive	Percent Project Cost Cap[4]	1-Year Simple Payback Cap for Projects[5]	Other Limitations
Prescriptive Incentives (Typical Upgrades)	Lighting – Retrofit	See incentive lists	70%	Yes	See incentive lists
	Lighting – New Construction/ Major Renovation		None	No	
	Motors		None	No	
	HVAC		None	No	
	Building Envelope		None	No	
	Food Service		None	No	
	Appliances		None	No	
	Office		None	No	
	Farm and Dairy		70%	Yes	
	Compressed Air		70%	Yes	
	Wastewater and other Refrigeration		70%	Yes	
Small Business Direct Install (retrofit only)		Determined by Company with not-to-exceed amounts as shown in the Table below	Up to 75%	No	Available to all Schedule 6, 6A, 23, 23A, 35, and 35A customers meeting eligibility requirements. Qualifying equipment must be installed by an approved contractor/vendor.
Mid-market incentives		Determined by Company with not-to-exceed amounts as shown in incentive table for this offer	None	No	Incentives available at the point of purchase through approved distributors/retailers or via a post-purchase customer application process.
Custom Non-Lighting Incentives for qualifying measures not on the prescriptive list.[6, 7]		$0.15 per annual kWh savings	70%	Yes	N/A
Energy Management		$0.02 per kWh annual savings	N/A	No	N/A
Energy Project Manager Co-Funding		$0.025 per kWh annual savings	100% of salary and eligible overhead	No	Minimum savings goal posted on Company website[8]

[2] The Customer or Owner may receive only one financial incentive from Company per measure. Financial incentives include energy efficiency incentive payments and energy management payments. Energy Project Manager Co-Funding is available in addition to the project incentives.

[3] Incentives for prescriptive measures are restricted to the amounts shown on the website.

[4] All EEM Costs are subject to Company review and approval prior to making an Energy Efficiency Incentive Offer. All final EEM Costs are subject to Company review and approval prior to paying an Energy Efficiency Incentive per the terms of the Energy Efficiency Incentive Offer Letter or approved Application. Company review and approval of EEM Costs may require additional documentation from the Customer or Owner.

[5] The 1 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.

[6] Project Cost and 1-Year Simple Payback Caps do not apply to New Construction and Major Renovation projects that are subject to state energy code.

[7] Energy Efficiency Incentives may be adjusted such that Customer or Owner does not receive more than 100% of EEM Costs in total incentives including incentives available under this program and Environmental Quality Incentives Program (EQIP) incentives.

[8] Customers may aggregate accounts to achieve minimum requirements.

Lighting System Retrofits Incentive Table

Category	Eligibility Requirements		Maximum Incentive "up to"
Interior Lighting	Full Fixture Replacement	With upgrade to Advanced Controls	$0.20/kWh
		With upgrade to Basic Controls	
		Without controls upgrade	
	Fixture Retrofit Kits	With controls upgrade to Basic or Advanced Controls	
		Without controls upgrade	
	Controls-only Retrofit	Controls-only upgrade to Advanced Controls	
		Controls-only upgrade to Basic Controls	
	Lamp Replacement	Lamp-only Replacements	See Mid-market incentive table
Exterior Lighting	Full Fixture Replacement (except Street Lighting)	With upgrade to Advanced Dimming Controls	$0.15/kWh
		Without controls upgrade	
	Fixture Retrofit Kits (except Street Lighting)	With upgrade to Advanced Dimming Controls	
		Without controls upgrade	
	Street Lighting	With upgrade to Advanced Dimming Controls	
		Without controls upgrade	
	Controls-only Retrofit	Controls-only upgrade to Advanced Dimming Controls	
	Lamp Replacement	Lamp-only Replacements	See Mid-market incentive table
Custom Lighting	Custom	Not listed above	$0.05/kWh

Notes for lighting retrofit incentives:

1. Actual incentives will be posted on the Idaho energy efficiency program section of the Company's website 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.
2. 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 the Company.
3. 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 Company approval.
4. Incentives listed as $/kWh are paid per kWh annual energy savings as determined by the Company.
5. Eligible retrofit lighting equipment is defined in qualified equipment lists posted on the Idaho energy efficiency program section of the Company's website.
6. A complete list of equipment not eligible for retrofit incentives is available on the Idaho energy efficiency program section of the Company's website.

Incentives for non-general illuminance (retrofit only)

Measure	Category	Eligibility Requirements	Incentive "up to"
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	$0.15/kWh annual energy savings

Notes for retrofit 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 the Company.
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 Company approval.
3. Qualified equipment lists for measures referenced in the above table are posted on the Idaho energy efficiency program section of the Company's website.

LED = Light-emitting Diode

Incentives for new construction/major renovation lighting

Measure	Category	Eligibility Requirements	Incentive "up to"
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 the Company. 2. Energy savings is subject to approval by the Company.	$0.08/kWh annual energy savings
Exterior Lighting	LED Outdoor Pole/Roadway, decorative	<75W; LED must be listed on qualified equipment list	$75/Fixture
	LED Outdoor Pole/Roadway	≤200W; LED must be listed on qualified equipment list	$100/fixture
		>200W; LED must be listed on qualified equipment list	$400/fixture
	LED Canopy/Soffit	LED must be listed on qualified equipment list	$125/fixture
	LED Wall Packs	<50 Watts; LED must be listed on qualified equipment list	$50/fixture
		≥50 Watts; LED must be listed on qualified equipment list	$75/fixture
	LED Flood Lights	<100 Watts; LED must be listed on qualified equipment list	$75/fixture
		≥100 Watts; LED must be listed on qualified equipment list	$150/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 hrs 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% and 1-Year Simple Payback Caps apply to New Construction and Major Renovation projects that are not subject to state energy code. The 1 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 "up to"
Electronically Commutated Motor	≤ 1 horsepower	Refrigeration application	--	$0.50/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 hp	--	Must meet GMPG Standards	$1/horsepower Refer to Note 3

Notes for motor 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. 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.
3. 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
HVAC = Heating, Ventilation and Air-Conditioning
VFD = Variable-Frequency Drive
HP = Horsepower

Incentives for HVAC equipment

Equipment Type	Category	Minimum Efficiency Requirements	Incentive "up to"
Unitary Commercial Air Conditioners	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Evaporatively Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
Packaged Terminal Air Conditioners (PTAC)	≤ 8,000 Btu/hr	12.2 EER	$25/ton
	> 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) (Heating & Cooling Mode)	≤ 8,000 Btu/hr	12.2 EER and 3.4 COP	$50/ton
	> 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	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Ground Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	$50/ton
	Groundwater Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	$50/ton
VRF Heat Pumps	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
Heat Pump Loop (See Note 7)	Ground Source, Closed Loop	--	$25/ton
	Groundwater Source, Open Loop	--	$25/ton

Notes for HVAC 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. Units rated only with an IPLV may qualify for the listed incentives if the value meets or exceeds the minimum IPLV established as part of the Consortium for Energy Efficiency Commercial Unitary Air-Conditioning and Heat Pump specification effective January 16, 2009.
7. 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 on the Company website.

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
IPLV = Integrated Part Load Value
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump
SEER = Seasonal Energy Efficiency Ratio
VRF = Variable Refrigerant Flow

Incentives for other HVAC equipment

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Incentive ("up to")
Evaporative Cooling	All	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% for process cooling loads)	Must exceed minimum efficiencies required 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	≥ 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 ventilation 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
Smart Thermostat	Residential (used in a business)		See Home Energy Savings program	

Notes for other HVAC 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. IDEC energy savings are subject to approval by the Company.
3. Incentives paid at $0.15/kWh annual energy savings. Chiller energy savings are subject to approval by the Company.
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.

CFM = Cubic Feet per Minute
HVAC = Heating, Ventilating and Air-Conditioning
IDEC = Indirect-Direct Evaporative Cooling
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump

Incentives for building envelope (Retrofit)

Equipment Type	Category	Minimum Efficiency Requirement	Incentive ("up to")
Cool Roof	--	ENERGY STAR Qualified	$0.10/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 ≤ 0.30 and SHGC ≤ 0.33 (glazing only rating)	$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 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 incentives (retrofit):

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 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 the Company.

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 ("up to")
Cool Roof	--	ENERGY STAR Qualified	$0.10/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 Notes 3, 4)	Site-built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (glazing only rating)	$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 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 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. Compliance with the minimum efficiency requirements of roof/attic and wall Insulation measures may be demonstrated with equivalent U-factors and are subject Company approval.

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

Incentives for food service equipment

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Incentive/Unit ("up to")
Commercial Dishwasher (High Temperature models w/electric boosters Only)	Undercounter	ENERGY STAR Qualified	$100
	Stationary rack, single tank, door type		$400
	Single tank conveyor		$1,000
	Multiple tank conveyor		$500
Electric Insulated Holding Cabinet	Volume ≥ 28 cu. ft.	ENERGY STAR Qualified	$400
	13 ≤ Volume < 28 cu. ft.		$300
	Volume < 13 cu. ft.		$200
Electric Steam Cooker	3-, 4-, 5- and 6-pan or larger sizes - Tier 1	ENERGY STAR Qualified	$130
	3-, 4-, 5- and 6-pan or larger sizes - Tier 2	ENERGY STAR Qualified w/ Heavy Load Efficiency ≥ 68%	$300
Electric Convection Oven	--	ENERGY STAR Qualified	$350
Electric Griddle		ENERGY STAR Tier 2 Qualified	$150
Electric Combination Oven	6-15 pans	ENERGY STAR Qualified	$1,000
	16 – 20 pans	ENERGY STAR Qualified	$275
Electric Commercial Fryer	Tier 1	ENERGY STAR Qualified	$200
	Tier 2	ENERGY STAR Qualified w/Cooking Efficiency ≥ 85%, Idle Energy Rate ≤ 860 Watts	$300
Ice Machines (Air-Cooled Only)	Tier 1: Harvest rate < 500 lbs/day	ENERGY STAR Qualified	$125
	Tier 1: Harvest rate ≥ 500 lbs/day		$150
	Tier 2: Harvest rate < 500 lbs/day	CEE Tier 2 Qualified	$250
	Tier 2: Harvest rate ≥ 500 lbs/day		$400
Residential Refrigerator	Used in a business	See Home Energy Savings Program	See Note 2
Commercial Transparent Door Refrigerator (See Note 3)	0 < Volume < 15 cu. ft.	ENERGY STAR Qualified	$25
	15 ≤ Volume < 30 cu. ft.		$50
	30 ≤ Volume < 50 cu. ft.		$75
	Volume ≥50 cu. ft.		$125
	Chest configuration		$50
Commercial Transparent Door Freezer (See Note 3)	0 < Volume < 15 cu. ft.	ENERGY STAR Qualified	$25
	15 ≤ Volume < 30 cu. ft.		$50
	30 ≤ Volume < 50 cu. ft.		$75
	Volume ≥50 cu. ft.		$100
	Chest configuration		$100
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 4)
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)
	Med-Temp (Refrigerated) Cases		$16/linear foot (case length)

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. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.
3. Incentives are paid at $0.15/kWh annual energy savings. Demand controlled kitchen ventilation exhaust hood energy savings subject to approval by Company.

CEE = Consortium for Energy Efficiency
MDEC = Maximum Daily Energy Consumption
V = Association of Home Appliance Manufacturers (AHAM) Volume (cubic feet)

Incentives for office equipment

Equipment Type	Minimum Efficiency Requirements	Incentive ("up to")
Smart Plug Strip	1. 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, electric load sensor, or timer. 2. Applies only to electric plug-load applications (e.g. computer monitors, desk lamps, etc.)	$15/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 appliances

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Incentive ("up to")
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	

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 Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.

Irrigation Incentives for Wheel Line, Hand Line, or Other Portable Systems (Retrofit Only)

Irrigation Measure	Replace	With	Limitations (including but not limited to)	Customer Incentive ("up to")
New rotating, sprinkler replacing worn or leaking impact or rotating sprinkler	Leaking or malfunctioning impact rotating sprinkler	Rotating sprinkler	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	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 mainline valve or section gasket, seal, or riser cap (dome disc)	Leaking gasket	New gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	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	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	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	1. Flow rate shall not be increased. 3. Fixed-in-place (solid set) systems not eligible. 4. 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)	Customer Incentive ("up to")
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 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)	Customer Incentive ("up to")
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

1. Equipment that meets or exceeds the requirements 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 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.

VFD = Variable Frequency Drive

Incentives for Farm and Dairy Equipment

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Incentive ("up to")
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
VSD on Milk Transfer Pump	VSD on Milk Pump	The efficient case for the variable speed vacuum pump measure is a VFD that must vary vacuum pump speed in accordance with the flow needs of the vacuum milking system. Existing systems that already have a VFD are not eligible. New construction systems are not eligible.	$165 per HP
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 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

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 Company approval.
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
VFD = Variable Frequency Drive
cfm = cubic feet per minute
w = watt

Incentives for Compressed Air Equipment

Equipment Category	Replace	With	Limitations	Unit	Incentive ("up to")
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	1. Compressor system size ≤ 75 hp, not counting backup compressor(s). 2. Trim compressor must use load/unload control, not inlet modulation or on/off control. 3. 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	1. Rated dryer capacity must be ≤ 500 scfm. 2. Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode. 3. 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 system with total compressor capacity ≤75 hp, not counting backup compressor capacity	1. Total compressor capacity in upgraded system is ≤75 hp, not counting backup compressor. 2. 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	1. Compressor system size ≤ 75 hp. 2. 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:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. 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.
3. 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 Company approval.
4. Zero loss condensate drains purchased as an integral part of another measure are eligible for the incentive 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 Energy Efficiency Measures

Equipment Type	Replace	With	Incentive ("up to")
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 other energy efficiency measures incentives table

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
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 savings and Energy Efficiency Project Costs are subject to Company approval.

Incentives for Small Business Direct Installation (Retrofit Only)

Eligible Customer Rate Schedules	Eligibility Requirements	Incentive "up to"	Customer Co-pay "up to"	
			Minimum	Maximum
6, 6A	Non-residential facilities not in excess of 200 kW demand monthly in the last twelve months	$7,500 / facility	10%	50%
23, 23A		$7,500 / facility	10%	50%
35, 35A	Non-residential facilities not in excess of 200 kW demand monthly in the last twelve months	$7,500 / facility	10%	50%

Notes for incentives for small business direct installation customers:

1. Qualified equipment lists referenced in the above table are posted on the Idaho energy efficiency program section of the Company's website.

Mid-Market Incentives

Measure	Category	Eligibility Requirements	Incentive "up to"
LED	A-19 Lamp < 8 W, Medium Base	LED must be listed on qualified equipment list	$5/Lamp
	A-19 Lamp ≥ 8 W, Medium Base		$5/Lamp
	A-21 Lamp ≥ 12 W, Medium Base		$10/Lamp
	PAR Reflector Lamp		$15/Lamp
	BR Reflector Lamp		$13/Lamp
	MR16 Reflector Lamp		$10/Lamp
	PLC Pin-based Lamp <10 W		$10/Lamp
	PLC Pin-based Lamp ≥ 10 W		$15/Lamp
	PLL Pin-based Lamp		$15/Lamp
	Decorative Lamp		$10/Lamp
	Recessed Downlight Kit		$15/Fixture
	T8 TLED Lamp – Type A, A/B Dual Mode		$10/Lamp
	T8 TLED Lamp – Type B		$15/Lamp
	T8 TLED Lamp – Type C		$25/Lamp
	T5 TLED Lamp – Type A, A/B Dual Mode		$15/Lamp
	HID Replacement Lamp <40 W		$50/Lamp
	HID Replacement Lamp ≥40 and < 80 W		$70/Lamp
	HID Replacement Lamp ≥80 and < 150 W		$90/Lamp
	HID Replacement Lamp ≥150W		$110/Lamp
	Wall Pack Fixture		$30/Fixture
	Wall Pack Fixture with Occupancy Sensor		$75/Fixture
Fluorescent	Reduced Wattage T8 Lamp	≤28 W CEE Replacement Lamp	$0.75/Lamp
	Reduced Wattage T5 HO Lamp	≤51 W T5HO Lamp	$1/Lamp

Notes for mid-market incentives:

1. Incentives for measures listed in the table above are available at the point of purchase through approved distributors/retailers or via a post-purchase customer application process.
2. Actual incentives will be posted on the Idaho energy efficiency program section of the Company's website 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.
3. Incentives are capped at 70 percent of qualifying Purchase Transaction-level Costs. Purchase Transaction-level Costs are subject to Rocky Mountain Power approval.
4. Qualified equipment lists referenced in the above table are posted on the Idaho energy efficiency program section of the Company's website.

A = Arbitrary (standard lamp shape)
PAR = Parabolic Aluminized Reflector
BR = Bulged Reflector
HID = High Intensity Discharge (e.g. high pressure sodium, metal halide)
HO = High Output
MR = Mirrored Reflector
PLC = Pin Lamp Compact Fluorescent
PLL = Pin Lamp Long Compact Fluorescent
TLED = Tubular Light Emitting Diode
W = Watt

Exhibit B

Idaho Non-Residential Energy Efficiency

This document includes the following three sections:

- Definitions of terms used in Schedule 140 and other program documents
- Incentives – General Information
- Incentive tables

DEFINITIONS:

Customer: Any party who has applied for, been accepted and receives service at the real property, or is the electricity user at the real property.

Energy Efficiency Incentive: Payments of money made by Company to Owner or Customer for installation of an Energy Efficiency Measure pursuant to an acknowledged Energy Efficiency Incentive Offer Letter or approved Energy Efficiency Incentive Application.

Energy Efficiency Incentive Offer Letter: An offer made by Company and acknowledged by Owner or Customer providing for Company to furnish Energy Efficiency Incentives for an Energy Efficiency Project.

Incentive Application: An application submitted by Owner or Customer to Company for Energy Efficiency or Energy Management Incentives.

Energy Efficiency Measure (EEM): A permanently installed measure which can improve the efficiency of the Customer's electric energy use.

Energy Efficiency Measure (EEM) Cost:
New Construction/Major Renovation: EEM Cost is the total installed cost of energy efficiency equipment or system minus the cost of the code compliance/common practice equipment or system.

Retrofit: EEM Cost is the total installed cost of the energy efficiency equipment or modification.

In the case of New Construction, Major Renovation and Retrofits, EEM Costs shall mean the Owner or Customer's reasonable costs incurred (net of any discounts, rebates or incentives other than Energy Efficiency Incentives from the Company, or other consideration that reduces the final actual EEM Cost incurred by the Owner or Customer) to purchase and install EEMs at the Owner's or Customer's facility. If the owner or customer installs the EEM then the cost of installation shall be equal to the Owner's or Customer's actual labor costs for such installation.

Energy Efficiency Project: One or more EEM(s) at a Non-residential Facility[1] with similar one year payback limitations (below) covered by one Energy Efficiency Incentive Offer Letter.

Energy Efficiency Project Cost: The sum of EEM Costs for one or more EEM(s) with similar one year payback limitations (see below) covered by one Energy Efficiency Incentive Offer Letter.

[1] Measures at multiple Non-residential Facilities may be included in one Offer Letter for convenience; however, project incentive caps (if any) are applied per individual Non-residential Facility.

Energy Management Offer Letter: An offer made by Company and acknowledged by Owner or Customer and Company providing for Company to furnish Energy Management Incentives for an Energy Management Project.

Energy Management Incentive: Payments of money made by Company to Owner or Customer for implementation of an Energy Management Measure pursuant to an executed Energy Management Offer Letter.

Energy Management Measure (EMM): an operational improvement which, when implemented in an eligible facility, result in electric savings compared to current operations as determined by Company.

Energy Management Project: One or more EMM(s) at a Non-residential Facility covered by one Energy Management Offer Letter.

Energy Project Manager: an employee or direct contractor of the Customer who will manage electrical energy efficiency projects that deliver savings toward the Customer/Owner's energy savings goal.

Energy Project Manager Co-funding: funding towards the Energy Project Manager agreed upon full value salary that is solely attributable to electrical energy efficiency work.

Major Renovation: A change in facility use type or where the existing system will not meet Owner/Customer projected requirements within existing facility square footage.

Mixed Use: Buildings served by a residential rate schedule and a rate schedule listed under **Applicable** in Idaho Schedule 140 shall be eligible for services under Schedule 140 provided the Energy Efficiency Project meets the definition of New Construction or where the Company adjusts the baseline energy consumption and costs.

New construction: A newly constructed facility or newly constructed square footage added to an existing facility.

Non-residential Facility: A Customer site that is served by Company and meets the applicability requirements of Idaho Schedule 140, the program tariff, on file with the Idaho Public Utilities Commission.

Owner: The person who has both legal and beneficial title to the real property, and is the mortgager under a duly recorded mortgage of real property, the trustor under a duly recorded deed of trust.

Retrofit: Changes, modifications or additions to systems or equipment in existing facility square footage.

Purchase Transaction-level Cost: The total eligible cost of qualifying equipment on a single invoice for a non-Residential Facility.

INCENTIVES – GENERAL INFORMATION

Incentives for Measures Listed in the Incentive Tables
Per unit incentives are listed in the program incentives tables for specific Energy Efficiency Measures (EEMs) and are subject to the incentive caps below. Incentives are subject to change and current incentives can be found on the Idaho energy efficiency program section of the Company website.

Custom Incentives
EEMs not listed in the prescriptive incentive tables (typical upgrades) may be eligible for a Custom Energy Efficiency Incentive. The Company will complete an analysis of the EEM Cost and electric energy savings and determine whether to offer a custom Energy Efficiency Incentive and the Energy Efficiency Incentive amount.

Energy management incentives
Non-Capital improvements to operations and maintenance within a qualifying facility may be eligible for an Energy Management Incentive. Company will partner with Customer to complete an analysis of the electric energy savings of potential energy management measures and determine whether to offer an Energy Management Incentive and the incentive amount.

Energy project manager co-funding
The Company may fund an additional $0.025 per kWh of verified wattsmart Business annual energy savings, up to 100 percent of the Energy Project Manager's salary. Salary is based on a letter from the Customer/Owner's human resources or accounting department stating the base annual salary and an appropriate overhead percentage, and subject to approval by Company.

Baseline adjustments
The baseline wattage for all Retrofit linear fluorescent lighting Energy Efficiency Measures is the lesser of

a) Wattage of existing equipment or
b) Wattage of deemed baseline ballast and lamp combination as listed in the lighting table available on the Idaho energy efficiency program section of the Company website.

Company may adjust baseline electric energy consumption and costs to reflect any of the following: energy codes, standard practice, changes in capacity, changes in production or facility use and equipment at the end of its useful life. Such adjustments may be made for lighting energy efficiency measures installed in New Construction/Major Renovation projects where energy code does not apply.

INCENTIVES:[2,3]

Category		Incentive	Percent Project Cost Cap[4]	1-Year Simple Payback Cap for Projects[5]	Other Limitations
Prescriptive Incentives (Typical Upgrades)	Lighting – Retrofit	See incentive lists	70%	Yes	See incentive lists
	Lighting – New Construction/ Major Renovation		None	No	
	Motors		None	No	
	HVAC		None	No	
	Building Envelope		None	No	
	Food Service		None	No	
	Appliances		None	No	
	Office		None	No	
	Farm and Dairy		70%	Yes	
	Compressed Air		70%	Yes	
	Wastewater and other Refrigeration		70%	Yes	
Small Business Direct Install (retrofit only)		Determined by Company with not-to-exceed amounts as shown in the Table below	Up to 75%	No	Available to all Schedule 6, 6A, 23, 23A, 35, and 35A customers meeting eligibility requirements. Qualifying equipment must be installed by an approved contractor/vendor.
Mid-market incentives		Determined by Company with not-to-exceed amounts as shown in incentive table for this offer	None	No	Incentives available at the point of purchase through approved distributors/retailers or via a post-purchase customer application process.
Custom Non-Lighting Incentives for qualifying measures not on the prescriptive list.[6, 7]		$0.15 per annual kWh savings	70%	Yes	N/A
Energy Management		$0.02 per kWh annual savings	N/A	No	N/A
Energy Project Manager Co-Funding		$0.025 per kWh annual savings	100% of salary and eligible overhead	No	Minimum savings goal posted on Company website[8]

[2] The Customer or Owner may receive only one financial incentive from Company per measure. Financial incentives include energy efficiency incentive payments and energy management payments. Energy Project Manager Co-Funding is available in addition to the project incentives.
[3] Incentives for prescriptive measures are restricted to the amounts shown on the website.
[4] All EEM Costs are subject to Company review and approval prior to making an Energy Efficiency Incentive Offer. All final EEM Costs are subject to Company review and approval prior to paying an Energy Efficiency Incentive per the terms of the Energy Efficiency Incentive Offer Letter or approved Application. Company review and approval of EEM Costs may require additional documentation from the Customer or Owner.
[5] The 1 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.
[6] Project Cost and 1-Year Simple Payback Caps do not apply to New Construction and Major Renovation projects that are subject to state energy code.
[7] Energy Efficiency Incentives may be adjusted such that Customer or Owner does not receive more than 100% of EEM Costs in total incentives including incentives available under this program and Environmental Quality Incentives Program (EQIP) incentives.
[8] Customers may aggregate accounts to achieve minimum requirements.

Lighting System Retrofits Incentive Table

Category	Eligibility Requirements		Maximum Incentive "up to"
Interior Lighting	Full Fixture Replacement	With upgrade to Advanced Controls	$0.20/kWh
		With upgrade to Basic Controls	
		Without controls upgrade	
	Fixture Retrofit Kits	With controls upgrade to Basic or Advanced Controls	
		Without controls upgrade	
	Controls-only Retrofit	Controls-only upgrade to Advanced Controls	
		Controls-only upgrade to Basic Controls	
	Lamp Replacement	Lamp-only Replacements	See Mid-market incentive table
Exterior Lighting	Full Fixture Replacement (except Street Lighting)	With upgrade to Advanced Dimming Controls	$0.15/kWh
		Without controls upgrade	
	Fixture Retrofit Kits (except Street Lighting)	With upgrade to Advanced Dimming Controls	
		Without controls upgrade	
	Street Lighting	With upgrade to Advanced Dimming Controls	
		Without controls upgrade	
	Controls-only Retrofit	Controls-only upgrade to Advanced Dimming Controls	
	Lamp Replacement	Lamp-only Replacements	See Mid-market incentive table
Custom Lighting	Custom	Not listed above	$0.05/kWh

Notes for lighting retrofit incentives:

1. Actual incentives will be posted on the Idaho energy efficiency program section of the Company's website 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.
2. 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 the Company.
3. 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 Company approval.
4. Incentives listed as $/kWh are paid per kWh annual energy savings as determined by the Company.
5. Eligible retrofit lighting equipment is defined in qualified equipment lists posted on the Idaho energy efficiency program section of the Company's website.
6. A complete list of equipment not eligible for retrofit incentives is available on the Idaho energy efficiency program section of the Company's website.

Incentives for non-general illuminance (retrofit only)

Measure	Category	Eligibility Requirements	Incentive "up to"
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	$0.15/kWh annual energy savings

Notes for retrofit 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 the Company.
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 Company approval.
3. Qualified equipment lists for measures referenced in the above table are posted on the Idaho energy efficiency program section of the Company's website.

LED = Light-emitting Diode

Incentives for new construction/major renovation lighting

Measure	Category	Eligibility Requirements	Incentive "up to"
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 the Company. 2. Energy savings is subject to approval by the Company.	$0.08/kWh annual energy savings
Exterior Lighting	LED Outdoor Pole/Roadway, decorative	<75W; LED must be listed on qualified equipment list	$75/Fixture
	LED Outdoor Pole/Roadway	≤200W; LED must be listed on qualified equipment list	$100/fixture
		>200W; LED must be listed on qualified equipment list	$400/fixture
	LED Canopy/Soffit	LED must be listed on qualified equipment list	$125/fixture
	LED Wall Packs	<50 Watts; LED must be listed on qualified equipment list	$50/fixture
		≥50 Watts; LED must be listed on qualified equipment list	$75/fixture
	LED Flood Lights	<100 Watts; LED must be listed on qualified equipment list	$75/fixture
		≥100 Watts; LED must be listed on qualified equipment list	$150/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 hrs 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% and 1-Year Simple Payback Caps apply to New Construction and Major Renovation projects that are not subject to state energy code. The 1 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 "up to"
Electronically Commutated Motor	≤ 1 horsepower	Refrigeration application	--	$0.50/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 hp	--	Must meet GMPG Standards	$1/horsepower Refer to Note 3

Notes for motor 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. 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.
3. 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
HVAC = Heating, Ventilation and Air-Conditioning
VFD = Variable-Frequency Drive
HP = Horsepower

Incentives for HVAC equipment

Equipment Type	Category	Minimum Efficiency Requirements	~~Customer~~ Incentive "up to"
Unitary Commercial Air Conditioners	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Evaporatively Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
Packaged Terminal Air Conditioners (PTAC)	≤ 8,000 Btu/hr	12.2 EER	$25/ton
	> 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) (Heating & Cooling Mode)	≤ 8,000 Btu/hr	12.2 EER and 3.4 COP	$50/ton
	> 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	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Ground Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	$50/ton
	Groundwater Source	As defined in ENERGY STAR Program Requirements for Geothermal Heat Pumps	$50/ton
VRF Heat Pumps	Air-Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
	Water Cooled	As defined in CEE Commercial Unitary Air-conditioning and Heat Pumps Specification	$75/ton
Heat Pump Loop (See Note 7)	Ground Source, Closed Loop	--	$25/ton
	Groundwater Source, Open Loop	--	$25/ton

Notes for HVAC 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. Units rated only with an IPLV may qualify for the listed incentives if the value meets or exceeds the minimum IPLV established as part of the Consortium for Energy Efficiency Commercial Unitary Air-Conditioning and Heat Pump specification effective January 16, 2009.
7. 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 on the Company website.

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
IPLV = Integrated Part Load Value
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump
SEER = Seasonal Energy Efficiency Ratio
VRF = Variable Refrigerant Flow

Incentives for other HVAC equipment

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Incentive ("up to")
Evaporative Cooling	All	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% for process cooling loads)	Must exceed minimum efficiencies required 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	≥ 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 ventilation 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
Smart Thermostat	Residential (used in a business)		See Home Energy Savings program	

Notes for other HVAC 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. IDEC energy savings are subject to approval by the Company.
3. Incentives paid at $0.15/kWh annual energy savings. Chiller energy savings are subject to approval by the Company.
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.

CFM = Cubic Feet per Minute
HVAC = Heating, Ventilating and Air-Conditioning
IDEC = Indirect-Direct Evaporative Cooling
PTAC = Packaged Terminal Air Conditioner
PTHP = Packaged Terminal Heat Pump

Incentives for building envelope (Retrofit)

Equipment Type	Category	Minimum Efficiency Requirement	Incentive ("up to")
Cool Roof	--	ENERGY STAR Qualified	$0.10/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 ≤ 0.30 and SHGC ≤ 0.33 (glazing only rating)	$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 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 incentives (retrofit):
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 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 the Company.

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 ("up to")
Cool Roof	--	ENERGY STAR Qualified	$0.10/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 Notes 3, 4)	Site-built	U-Factor ≤ 0.30 and SHGC ≤ 0.33 (glazing only rating)	$0.35/square foot
	Assembly	U-Factor ≤ 0.30 and SHGC ≤ 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 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. Compliance with the minimum efficiency requirements of roof/attic and wall Insulation measures may be demonstrated with equivalent U-factors and are subject Company approval.

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

Incentives for food service equipment

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Incentive/Unit ("up to")
Commercial Dishwasher (High Temperature models w/electric boosters Only)	Undercounter	ENERGY STAR Qualified	$100
	Stationary rack, single tank, door type		$400
	Single tank conveyor		$1,000
	Multiple tank conveyor		$500
Electric Insulated Holding Cabinet	Volume ≥ 28 cu. ft.	ENERGY STAR Qualified	$400
	13 ≤ Volume < 28 cu. ft.		$300
	Volume < 13 cu. ft.		$200
Electric Steam Cooker	3-, 4-, 5- and 6-pan or larger sizes - Tier 1	ENERGY STAR Qualified	$130
	3-, 4-, 5- and 6-pan or larger sizes - Tier 2	ENERGY STAR Qualified w/ Heavy Load Efficiency ≥ 68%	$300
Electric Convection Oven	--	ENERGY STAR Qualified	$350
Electric Griddle		ENERGY STAR Tier 2 Qualified	$150
Electric Combination Oven	6-15 pans	ENERGY STAR Qualified	$1,000
	16 – 20 pans	ENERGY STAR Qualified	$275
Electric Commercial Fryer	Tier 1	ENERGY STAR Qualified	$200
	Tier 2	ENERGY STAR Qualified w/Cooking Efficiency ≥ 85%, Idle Energy Rate ≤ 860 Watts	$300
Ice Machines (Air-Cooled Only)	Tier 1: Harvest rate < 500 lbs/day	ENERGY STAR Qualified	$125
	Tier 1: Harvest rate ≥ 500 lbs/day		$150
	Tier 2: Harvest rate < 500 lbs/day	CEE Tier 2 Qualified	$250
	Tier 2: Harvest rate ≥ 500 lbs/day		$400
Residential Refrigerator	Used in a business	See Home Energy Savings Program	See Note 2
Commercial Transparent Door Refrigerator (See Note 3)	0 < Volume < 15 cu. ft.	ENERGY STAR Qualified	$25
	15 ≤ Volume < 30 cu. ft.		$50
	30 ≤ Volume < 50 cu. ft.		$75
	Volume ≥50 cu. ft.		$125
	Chest configuration		$50
Commercial Transparent Door Freezer (See Note 3)	0 < Volume < 15 cu. ft.	ENERGY STAR Qualified	$25
	15 ≤ Volume < 30 cu. ft.		$50
	30 ≤ Volume < 50 cu. ft.		$75
	Volume ≥50 cu. ft.		$100
	Chest configuration		$100
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 4)
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)
	Med-Temp (Refrigerated) Cases		$16/linear foot (case length)

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. Refer to Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.
3. Incentives are paid at $0.15/kWh annual energy savings. Demand controlled kitchen ventilation exhaust hood energy savings subject to approval by Company.

CEE = Consortium for Energy Efficiency
MDEC = Maximum Daily Energy Consumption
V = Association of Home Appliance Manufacturers (AHAM) Volume (cubic feet)

Incentives for office equipment

Equipment Type	Minimum Efficiency Requirements	Incentive ("up to")
Smart Plug Strip	1. 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, electric load sensor, or timer. 2. Applies only to electric plug-load applications (e.g. computer monitors, desk lamps, etc.)	$15/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 appliances

Equipment Type	Equipment Category	Minimum Efficiency Requirement	Incentive ("up to")
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	

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 Company's Home Energy Savings program for efficiency requirements and incentives for listed residential appliances used in a business.

Irrigation Incentives for Wheel Line, Hand Line, or Other Portable Systems (Retrofit Only)

Irrigation Measure	Replace	With	Limitations (including but not limited to)	Customer Incentive ("up to")
New rotating, sprinkler replacing worn or leaking impact or rotating sprinkler	Leaking or malfunctioning impact rotating sprinkler	Rotating sprinkler	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	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 mainline valve or section gasket, seal, or riser cap (dome disc)	Leaking gasket	New gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	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	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	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	1. Flow rate shall not be increased. 3. Fixed-in-place (solid set) systems not eligible. 4. 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)	Customer Incentive ("up to")
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 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
~~Gooseneck as part of conversion to low pressure system~~		~~New gooseneck as part of conversion to low pressure system~~	~~Gooseneck shall be used to convert existing center pivot with sprinkler equipment mounted on top of the pivot to low pressure sprinklers with regulators on new drop tubes.~~	~~$0.50 per outlet~~
~~Drop tube (3 ft minimum length)~~	~~Leaking drop tube~~	~~New drop tube (3 ft minimum length) OR add new drop tube as part of conversion to low pressure system~~	~~Drop tube or hose extension shall extend below the pivot lower brace or shall be a minimum of 3 feet in length, whichever is greater.~~	~~$2 per drop tube~~

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)	Customer Incentive ("up to")
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

1. Equipment that meets or exceeds the requirements 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 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.

VFD = Variable Frequency Drive

Water Distribution Measure Incentives

Category	Water Distribution Measure	Replace	With	Limitations	Customer Incentive
Measures for Wheel Line, Hand Line, or Other Portable Systems (Retrofit Only)	New nozzle replacing worn nozzle of same design flow or less on existing sprinkler	Worn nozzle	New nozzle of same design flow or less	1. Flow rate shall not be increased. 2. All nozzles on the wheel line or hand line shall be replaced.3. Fixed-in-place (solid set) systems not eligible. 4. Incentive limited to two nozzles per irrigated acre.	$0.50 each
	New flow control nozzle for impact sprinkler replacing existing nozzle or worn flow control nozzle of same design flow or less	Worn flow-controlling type nozzle	New flow-control nozzle	1. Nozzle to be replaced may be fixed orifice or flow control type. 2. New flow control nozzle shall have a flow rating equal to or less than the flow rating of the existing nozzle at 40 psi. 3. All nozzles on the wheel line or hand line shall be replaced. 4. Fixed-in-place (solid set) systems not eligible. 5. Incentive limited to two nozzles per irrigated acre.	$2.75 each
	New gasket replacing leaking gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	Leaking gasket	New gasket, including mainline valve or section gasket, seal, or riser cap (dome disc)	1. New gasket must replace leaking gasket. 2. Fixed in place (solid set) systems are not eligible. 3. Incentive limited to two gaskets per irrigated acre.	$2 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
	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
Measures for Pivots and Linear Systems (Retrofit Only)	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

Notes for water distribution measure incentive table:

1. Equipment that meets or exceeds the requirements above may qualify for the listed incentive.
2. Incentives listed here are available only for retrofit projects where new equipment replaces existing equipment (i.e. new construction is not eligible).
3. 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 100 percent of Energy Efficiency Measure Costs. Energy savings and Energy Efficiency Measure Costs are subject to Rocky Mountain Power approval.

Incentives for Farm and Dairy Equipment

Equipment Type	Equipment Category	Minimum Efficiency Requirements	Incentive ("up to")
~~Automatic Milker Takeoff (Retrofit only)~~	~~--~~	~~Equipment must be able to sense milk flow and remove milker when flow reaches a pre-set level. The vacuum pump serving the affected milking units must be equipped with a VFD. Incentive is available for adding automatic milker takeoffs to existing milking systems, not for takeoffs on a brand new system where there was none before. Replacement of existing automatic milker takeoffs is not eligible for this listed incentive, but may qualify for a Custom Energy Efficiency Incentive.~~	~~$235 each~~
~~Agricultural Engine Block Heater Timer~~	~~--~~	~~Timer must be a UL-listed device and rated for a minimum of 15 amps continuous duty.~~	~~$10 each~~
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
VSD on Milk Transfer Pump	VSD on Milk Pump	The efficient case for the variable speed vacuum pump measure is a VFD that must vary vacuum pump speed in accordance with the flow needs of the vacuum milking system. Existing systems that already have a VFD are not eligible. New construction systems are not eligible.	$165 per HP
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 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

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 Company approval.
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
VFD = Variable Frequency Drive
cfm = cubic feet per minute
w = watt

Incentives for Compressed Air Equipment

Equipment Category	Replace	With	Limitations	Unit	Incentive ("up to")
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	1. Compressor system size ≤ 75 hp, not counting backup compressor(s). 2. Trim compressor must use load/unload control, not inlet modulation or on/off control. 3. 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	1. Rated dryer capacity must be ≤ 500 scfm. 2. Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode. 3. 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 system with total compressor capacity ≤75 hp, not counting backup compressor capacity	1. Total compressor capacity in upgraded system is ≤75 hp, not counting backup compressor. 2. 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	1. Compressor system size ≤ 75 hp. 2. 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:

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
2. 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.
3. 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 Company approval.
4. Zero loss condensate drains purchased as an integral part of another measure are eligible for the incentive 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 Energy Efficiency Measures

Equipment Type	Replace	With	Incentive ("up to")
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 other energy efficiency measures incentives table

1. Equipment that meets or exceeds the efficiency requirements above may qualify for the listed incentive.
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 savings and Energy Efficiency Project Costs are subject to Company approval.

Incentives for Small Business Direct Installation (Retrofit Only)

Eligible Customer Rate Schedules	Eligibility Requirements	Incentive "up to"	Customer Co-pay "up to"	
			Minimum	Maximum
6, 6A	Non-residential facilities not in excess of 200 kW demand monthly in the last twelve months	$7,500 / facility	10%	50%
23, 23A		$7,500 / facility	10%	50%
35, 35A	Non-residential facilities not in excess of 200 kW demand monthly in the last twelve months	$7,500 / facility	10%	50%

Notes for incentives for small business direct installation customers:

1. Qualified equipment lists referenced in the above table are posted on the Idaho energy efficiency program section of the Company's website.

Mid-Market Incentives

Measure	Category	Eligibility Requirements	Incentive "up to"
LED	A-19 Lamp < 8 W, Medium Base	LED must be listed on qualified equipment list	$5/Lamp
	A-19 Lamp ≥ 8 W, Medium Base		$5/Lamp
	A-21 Lamp ≥ 12 W, Medium Base		$10/Lamp
	PAR Reflector Lamp		$15/Lamp
	BR Reflector Lamp		$13/Lamp
	MR16 Reflector Lamp		$10/Lamp
	PLC Pin-based Lamp <10 W		$10/Lamp
	PLC Pin-based Lamp ≥ 10 W		$15/Lamp
	PLL Pin-based Lamp		$15/Lamp
	Decorative Lamp		$10/Lamp
	Recessed Downlight Kit		$15/Fixture
	T8 TLED Lamp – Type A, A/B Dual Mode		$10/Lamp
	T8 TLED Lamp – Type B		$15/Lamp
	T8 TLED Lamp – Type C		$25/Lamp
	T5 TLED Lamp – Type A, A/B Dual Mode		$15/Lamp
	HID Replacement Lamp <40 W		$50/Lamp
	HID Replacement Lamp ≥40 and < 80 W		$70/Lamp
	HID Replacement Lamp ≥80 and < 150 W		$90/Lamp
	HID Replacement Lamp ≥150W		$110/Lamp
	Wall Pack Fixture		$30/Fixture
	Wall Pack Fixture with Occupancy Sensor		$75/Fixture
Fluorescent	Reduced Wattage T8 Lamp	≤28 W CEE Replacement Lamp	$0.75/Lamp
	Reduced Wattage T5 HO Lamp	≤51 W T5HO Lamp	$1/Lamp

Notes for mid-market incentives:

1. Incentives for measures listed in the table above are available at the point of purchase through approved distributors/retailers or via a post-purchase customer application process.
2. Actual incentives will be posted on the Idaho energy efficiency program section of the Company's website 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.
3. Incentives are capped at 70 percent of qualifying Purchase Transaction-level Costs. Purchase Transaction-level Costs are subject to Rocky Mountain Power approval.
4. Qualified equipment lists referenced in the above table are posted on the Idaho energy efficiency program section of the Company's website.

A = Arbitrary (standard lamp shape)
PAR = Parabolic Aluminized Reflector
BR = Bulged Reflector
HID = High Intensity Discharge (e.g. high pressure sodium, metal halide)
HO = High Output
MR = Mirrored Reflector
PLC = Pin Lamp Compact Fluorescent
PLL = Pin Lamp Long Compact Fluorescent
TLED = Tubular Light Emitting Diode
W = Watt

Exhibit C

MEMORANDUM

To: Angela Long and Chris Kanoff, PacifiCorp

From: Kurtis Kolnowski, AEG

Cc: Nicole Karpavich, PacifiCorp and Dimitry Burdjalov, AEG

Date: December 12, 2019

Re: Idaho Agriculture Program Update Cost-Effectiveness Analysis

AEG estimated the cost-effectiveness of Rocky Mountain Power's Wattsmart Business Agriculture Program in the state of Idaho based on costs and savings estimates provided by Rocky Mountain Power. The memo provides analysis inputs and results in the following tables:

Table 1: Cost-Effectiveness Analysis Inputs

Table 2: Annual Program Costs, Nominal

Table 3: Annual Savings

Table 4: Benefit/Cost Ratios by Measure Category

Table 5: Wattsmart Business Agriculture Program Cost-Effectiveness Results

Table 6: Irrigation Hardware, Incl. VFD Cost-Effectiveness Results

Table 7: Compressed Air Cost-Effectiveness Results

Table 8: Custom Measures Cost-Effectiveness Results

The following assumptions were utilized in the analysis:

- Avoided Costs: developed from PacifiCorp's 2017 Class 2 DSM Decrement Study,[1] converted into annual values using load shapes from the 2017 PacifiCorp Integrated Resource Plan.
- Modeling Inputs: measure savings, costs, measure lives, incentive levels, and program delivery costs were based on estimates provided by PacifiCorp.
- Net-to-Gross (NTG): ratios and Realization Rates (RR) were provided by PacifiCorp.
- Retail Rates: Provided by PacifiCorp and escalated by inflation for future years.

The following tables summarize cost-effectiveness assumptions and results for the measures within the Idaho Wattsmart Business Agriculture Program. The cost-effectiveness analysis inputs are shown in Table 1 through Table 3 below:

[1] PacifiCorp, PacifiCorp's 2017 Class 2 Demand-Side Management Decrement Study, 2017

Table 1: Cost-Effectiveness Analysis Inputs

Parameter	Value
Discount Rate[2]	6.92%
Commercial Line Loss	10.75%
Industrial Line Loss	7.52%
Irrigation Line Loss	11.45%
Commercial Energy Rate ($/kWh)	$0.0733
Industrial Energy Rate ($/kWh)	$0.0907
Irrigation Energy Rate ($/kWh)	$0.1357
Inflation Rate[3]	2.28%

Table 2: Annual Program Costs, Nominal

Measure Category	Program Delivery	Utility Admin	Program Development	Incentives	Total Utility Budget	Gross Customer Costs
Irrigation Hardware, Incl. VFD	$168,300	$1,760	$1,467	$146,300	$317,827	$237,600
Compressed Air	$30,600	$320	$267	$26,600	$57,787	$65,400
Custom Measures	$260,100	$2,720	$2,267	$226,100	$491,187	$530,400
Total Program	**$459,000**	**$4,800**	**$4,000**	**$399,000**	**$866,800**	**$833,400**

Table 3: Annual Savings

Measure Category	Gross kWh Savings at Site	Realization Rate	Adjusted Gross kWh Savings at Site	Net to Gross Ratio	Net kWh Savings at Site	Measure Life
Irrigation Hardware, Incl. VFD	1,100,000	100%	1,100,000	74%	814,000	8
Compressed Air	200,000	100%	200,000	84%	168,000	15
Custom Measures	1,700,000	100%	1,700,000	84%	1,428,000	15
Total Agriculture Program	**3,000,000**	**100%**	**3,000,000**	**80%**	**2,410,000**	**12**

Table 4 presents the cost-effectiveness results by measure category and the total program. Table 5 presents the Agriculture Program cost-effectiveness within the Wattsmart Business Agriculture Program; the program is cost-effective for the PacifiCorp TRC, UCT, and PCT.

Table 4: Benefit/Cost Ratios by Measure Category

Measure Category	PTRC	TRC	UCT	PCT	RIM
Irrigation Hardware, Incl. VFD	0.78	0.71	0.78	4.94	0.18
Compressed Air	1.19	1.08	1.61	3.51	0.36
Custom Measures	1.22	1.11	1.61	3.68	0.36
Total Agriculture Program	**1.09**	**0.99**	**1.30**	**4.03**	**0.30**

[2] Consistent with draft assumptions for PacifiCorp's 2019 Integrated Resource Plan.

[3] Future rates determined using a 2.28% annual escalator.

Table 5: Wattsmart Business Agriculture Program Cost-Effectiveness Results

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	$0.0549	$1,144,096	$1,243,362	$99,266	1.09
Total Resource Cost Test (TRC) No Adder	$0.0549	$1,144,096	$1,130,329	($13,767)	0.99
Utility Cost Test (UCT)	$0.0416	$866,800	$1,130,329	$263,529	1.30
Participant Cost Test (PCT)		$833,400	$3,357,219	$2,523,819	4.03
Rate Impact Test (RIM)		$3,825,019	$1,130,329	($2,694,690)	0.30
Lifecycle Revenue Impacts ($/kWh)					$0.0001731
Discounted Participant Payback (years)					2.85

Tables 6 through 8 present the cost-effectiveness results for the Irrigation Hardware, incl. VFD, Compressed Air, and Custom measure categories within the Wattsmart Business Agriculture program.

Table 6: Irrigation Hardware Incl. VFD Cost-Effectiveness Results (Load Shape - ID_Irrigation_General)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	$0.0666	$347,351	$271,500	($75,851)	0.78
Total Resource Cost Test (TRC) No Adder	$0.0666	$347,351	$246,818	($100,533)	0.71
Utility Cost Test (UCT)	$0.0610	$317,827	$246,818	($71,009)	0.78
Participant Cost Test (PCT)		$237,600	$1,174,191	$936,591	4.94
Rate Impact Test (RIM)		$1,345,718	$246,818	($1,098,900)	0.18
Lifecycle Revenue Impacts ($/kWh)					$0.0000954
Discounted Participant Payback (years)					1.62

Table 7: Compressed Air Cost-Effectiveness Results (Load Shape - ID_Miscellaneous_Mfg_General)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	$0.0524	$86,123	$102,301	$16,179	1.19
Total Resource Cost Test (TRC) No Adder	$0.0524	$86,123	$93,001	$6,879	1.08
Utility Cost Test (UCT)	$0.0351	$57,787	$93,001	$35,215	1.61
Participant Cost Test (PCT)		$65,400	$229,792	$164,392	3.51
Rate Impact Test (RIM)		$260,979	$93,001	($167,978)	0.36
Lifecycle Revenue Impacts ($/kWh)					$0.0000118
Discounted Participant Payback (years)					4.27

Table 8: Custom Measures Cost-Effectiveness Results (Load Shape - ID_Miscellaneous_Mfg_General)

Cost-Effectiveness Test	Levelized $/kWh	Costs	Benefits	Net Benefits	Benefit/Cost Ratio
Total Resource Cost Test (PTRC) + Conservation Adder	$0.0508	$710,623	$869,561	$158,938	1.22
Total Resource Cost Test (TRC) No Adder	$0.0508	$710,623	$790,510	$79,887	1.11
Utility Cost Test (UCT)	$0.0351	$491,187	$790,510	$299,323	1.61
Participant Cost Test (PCT)		$530,400	$1,953,235	$1,422,835	3.68
Rate Impact Test (RIM)		$2,218,322	$790,510	($1,427,812)	0.36
Lifecycle Revenue Impacts ($/kWh)					$0.0001004
Discounted Participant Payback (years)					4.07