

FinAnswer[®] Express Idaho

RETROFIT INCENTIVES



A change can do you good.



Let's turn the answers on.



Pictured above: Rocky Mountain Power's Brent Barker talks with Idahoan Foods plant manager Jan Nel and co-worker Brent Southam.

Idahoan Foods

“FinAnswer Express helped shorten the payback on the projects we did. I’d definitely recommend that other companies take advantage of it.”

Jan Nel
Plant Manager
Idahoan Foods

Idahoan Foods, a dehydration processor in Dubois, produces the potato flakes used to make many favorite snack foods. When 20-year-old lighting fixtures in their packaging building needed to be replaced, the company worked with a participating vendor in Rocky Mountain Power's FinAnswer Express program to upgrade to more energy-efficient and reliable lighting. They later used the program to install premium efficiency motors and other energy-efficient measures. Idahoan Foods received more than \$37,000 in incentives through FinAnswer Express, helping reduce the payback on their energy efficiency projects. The upgrades are also saving the company more than \$30,000 per year in energy costs.

FinAnswer[®] Express Idaho

Is it costing more to run your facility than it should?

If your lighting, HVAC and other equipment haven't been upgraded recently, the answer is probably “yes.” We have a brilliant solution for you. With our FinAnswer[®] Express for Idaho business customers, we can help you upgrade to energy-efficient lighting, comfortable, energy-saving heating and cooling, and other cost-saving measures.

Surprising as it may sound, we'd like to help you use less energy.

Using less will not only save you more money, it can enhance your employees' comfort, productivity and efficiency. Good news for your bottom line. And it's good for all of us and the environment. Participating in energy efficiency programs helps shrink our carbon footprint and is one of the lowest cost resources to meet future energy needs. Just how good does it get?

FinAnswer Express includes incentives and technical expertise.

The incentives apply to lighting and other equipment upgrades that increase your electric energy efficiency and exceed code requirements – both retrofits of existing equipment and new construction/major renovation are eligible.* The incentive amount is based on the equipment installed, so see the incentive tables for a complete list of equipment included in the program. Plus, we provide technical expertise to help you weigh your options. You can choose a Rocky Mountain Power Energy Efficiency Alliance vendor or an independent energy consultant for technical expertise.

* Certain restrictions apply for new construction and major renovations since incentives are for upgrades that exceed energy code requirements. See our FinAnswer Express brochure for new construction and major renovations. Rocky Mountain Power's Energy FinAnswer[®] incentive program is available for more comprehensive projects. We have programs for Idaho irrigation customers as well. Customers can receive one incentive per project. Contact us or visit our Web site for details.

How it works

Lighting retrofits

- Step 1** Before you start your project, contact us or an Energy Efficiency Alliance vendor. We may need to verify existing equipment.
- Step 2** Sign a Rocky Mountain Power incentive agreement **before** you order equipment.
- Step 3** Upgrade your lighting.
- Step 4** Submit project cost documentation, including invoices with breakdown of materials and labor, and contact us or your Energy Efficiency Alliance vendor for a post-installation inspection.
- Step 5** Receive incentive check within 45 days of completion of Step 4.

Non-lighting retrofits

- Step 1** Obtain an incentive application and catalog from your dealer or Rocky Mountain Power.
- Step 2** Purchase and install a qualifying unit for use at an eligible location.
- Step 3** Submit your incentive application.
- Step 4** Receive incentive check within 45 days of completion of Step 3. *Pre-approval is recommended but not required for chiller incentive applications.*

Doing something that's not on the list?

Please contact us before you start your project. It may qualify for a custom incentive.

Here are some definitions

Retrofit	Changes, modifications or additions to systems or equipment in existing facility square footage.
Major renovation	Any change in facility use type or where the existing system will not meet owner/customer projected requirements within existing facility square footage.
New construction	A newly constructed facility or newly constructed square footage added to an existing facility.

To get started

- Inquire online at rockymountainpower.net/wattsmart.
- Call our energy services hotline toll free at **1-800-222-4335**.
- E-mail us at energy.expert@pacificorp.com.

A list of Energy Efficiency Alliance vendors as well as incentive applications are available on our Web site.

Programs are available to customers with electric service on a general service rate. For a copy of the Rocky Mountain tariff, and a list of eligible rate schedules, go to rockymountainpower.net/regulation, click on Idaho, then Schedule 115.



Pictured from the left: Quality Door and Millwork owner Matt Mecham, and Rocky Mountain Power's Glen Pond.

Quality Door

Using the FinAnswer Express

program, Quality Door and Millwork in Idaho Falls received approximately \$2,300 in Rocky Mountain Power incentives to upgrade to high-efficiency lighting equipment in its manufacturing facility. They're enjoying brighter lighting, more control, plus saving an estimated 20,000 kilowatt-hours a year in electricity and nearly \$1,200 in annual energy costs.

Incentives for lighting retrofits

Category	Replace	With	Customer Incentive
Fluorescent Fixture Upgrade to Standard T8 Fixtures [Standard T8 lamps and electronic ballasts with ballast factor (BF) ≤ 0.88]	4'-1 or 2T12 lamp(s) + 1 magnetic ballast (MB)	4'-1 or 2 T8 lamps + 1 electronic ballast (EB)	\$5
	4'-3 or 4T12 lamp(s) + MB(s)	4'-3 or 4T8 lamps + EB	\$10
	8'-1 or 2T12 lamp(s) + MB(s)	4'-2, 3, or 4T8 lamps + EB	\$10
	8'-1, 2, 3 or 4T12 lamps + MB(s)	8'-1, 2, 3 or 4T8 lamps + EB	\$10
	8'-1, 2, 3 or 4T12 HO/VHO lamps + MB(s)	8'-1, 2, 3 or 4T8 HO/VHO lamps + EB(s) (See Note 5)	\$15
Fluorescent Fixture Upgrade to 4' Premium T8 Fixtures [Lamps with initial lumens ≥ 3100 or wattage ≤ 30 W; electronic ballasts with BF ≤ 0.8]	4'-1 or 2T12 lamp(s) + MB or standard T8 lamp(s) + EB	4'-1 or 2 premium T8 lamp(s) + EB	\$10
	4'-3 or 4T12 lamps + MB or standard T8 lamps + EB	4'-3 or 4 premium T8 lamps + EB	\$15
	8'-1 or 2T12 lamp(s) + MB(s)	4'-2, 3 or 4 premium T8 lamps + EB	\$20
Fluorescent Delamping and Standard T8 Fixture Upgrade [Standard T8 lamps and electronic ballasts with BF ≤ 0.88. Fixture removal is not eligible.]	4'-2T12 lamps + MB	4'-1 standard T8 lamp + EB	\$10
	4'-3T12 lamps + MB(s)	4'-2 or 1 standard T8 lamp + EB	\$15
	4'-4T12 lamps + MB(s)	4'-3 standard T8 lamps + EB	\$15
	4'-4T12 lamps + MB(s)	4'-2 or 1 standard T8 lamp + EB	\$25
Fluorescent Delamping and Premium T8 Fixture Upgrade [Lamps with initial lumens ≥ 3100 or wattage ≤ 30W; electronic ballasts with BF ≤ 0.8. Fixture removal is not eligible.]	4'-2T12 lamps + MB	4'-1 premium T8 lamp + EB	\$15
	4'-3T12 lamps + MB(s)	4'-2 or 1 premium T8 lamp + EB	\$20
	4'-4T12 lamps + MB(s)	4'-3 premium T8 lamps + EB	\$20
	4'-4T12 lamps + MB(s)	4'-2 or 1 premium T8 lamp + EB	\$30
T8 Fluorescent Lamp Upgrade	≥ 32W T8 lamp	≤ 30W T8 lamp (See Note 4)	\$0.50
Compact Fluorescent Lighting (CFL)	Incandescent	< 10W (nominal) CFL hardwire fixture	\$10
	Incandescent	≥ 10W < 20W (nominal) CFL hardwire fixture	\$15
	Incandescent	≥ 20W (nominal) CFL hardwire fixture	\$20
	Incandescent	> 40W two-piece screw-in CFL	\$5
	Incandescent	Single-piece screw-in CFL (all wattages)	\$2
T5 Fluorescent Fixture Upgrade	≥ 250W metal halide (MH), mercury vapor (MV) or high pressure sodium (HPS)	3T5HO lamps (nominal 4') + EB (high bay)	\$70
	≥ 400W MH, MV or HPS	4, 5 or 6T5HO lamps (nominal 4') + EB(s) (high bay)	\$75
	4'-4T12 lamps + MB(s)	2T5 lamps (nominal 4') + EB (interior fixtures)	\$30
	4'-4T12 lamps + MB(s)	2T5HO lamps (nominal 4') + EB (interior fixtures)	\$25

(continued)



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Category	Replace	With	Customer Incentive
High Intensity Discharge Upgrades (based on lamp wattages)	Incandescent or tungsten	≤ 100W ceramic metal halide	\$25
	≥ 400W MH, MV or HPS	≤ 320W ceramic metal halide	\$100
	≥ 750W MH, MV or HPS	≤ 400W ceramic metal halide	\$120
	≥ 150W and ≤ 250W MH, MV or HPS or ≥ 150W incandescent	≥ 125W and ≤ 175W pulse start MH	\$60
	> 250W and ≤ 400W MH, MV or HPS	≥ 175W and ≤ 320W pulse start MH	\$75
	> 400W MH, MV or HPS	≤ 400W pulse start MH	\$100
	≥ 1000W MH, MV or HPS	≤ 750W pulse start MH	\$100
	≥ 250W and ≤ 750W MH, MV or HPS	4'-4, 5 or 6 T8 lamps + EB(s) (high bay)	\$75
	≥ 750W MH, MV or HPS	4'-8 T8 lamps + EB(s) (high bay)	\$100
Exit Signs	Incandescent or fluorescent exit signs	Light-emitting diode (LED) or electro luminescent exit sign – 1 or 2 faced	\$15
Lighting Controls	Wall switch or no control	Wall or ceiling mounted occupancy sensor (per sensor)	\$30
	No control	Integral occupancy sensor	\$25
	No control	Photocell (per sensor)	\$20
	No control	Time clock (per control)	\$20
Light-Emitting Diode (LED)	Indoor incandescent, neon or fluorescent signage	LED channel letter signage ≤ 2' high	\$4/linear foot
		LED channel letter signage > 2' high	\$6/linear foot
	Outdoor incandescent, neon or fluorescent signage	LED channel letter signage ≤ 2' high	\$2/linear foot
		LED channel letter signage > 2' high	\$3/linear foot
	Incandescent, neon or fluorescent signage	LED fixed or scrolling message center signage	See note 8

Requirements for retrofits of existing lighting: To be eligible for the incentives listed, new fixtures must use less energy than the fixtures they replaced. For additional requirements, please refer to the lighting table notes below.

Notes for lighting retrofit incentives:

- Incentives are capped at 50 percent of eligible project costs, and incentives will not be available to reduce the project simple payback below one year.
- Two-foot u-tube lamps may be substituted for 4' linear fluorescent lamps in the lighting incentive table.
- For retrofits of existing equipment, lighting incentives will be paid on a one-to-one equipment replacement basis. If fixture counts are changing, the project may be eligible for a custom incentive.
- Incentives for T8 fluorescent lamp upgrades may not be combined with other fluorescent fixture incentives and will only be paid once per facility.
- T8 high output/very high output (HO/HVO) and high bay T8 electronic ballasts are required to have a ballast factor of less than or equal to 1.2 to be eligible for incentives.
- Lighting equipment listed only in the "replace" column of the table is not eligible for incentives.
- To determine the length of light-emitting diode channel letter signs, measure the length of individual letter at the centerline and add the individual values; do not measure the distance between letters.
- Light-emitting diode fixed or scrolling message center signage incentives are \$0.08 per kilowatt-hour of annual energy savings – see note 1. Savings is subject to Rocky Mountain Power approval.
- Incentives for light-emitting diode traffic light upgrades are not available.
- Incentives for lighting retrofits are available via an energy efficiency incentive agreement signed prior to ordering new equipment. An exception is light-emitting diode channel letter retrofit incentives are available via a post-purchase application.



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Incentives for motors

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
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 See 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 an 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.
4. **Incentives are not available for National Electrical Manufacturers Association (NEMA) premium efficiency motors purchased on or after January 15, 2011.**

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



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Incentives for HVAC equipment

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$50/ton	\$75/ton	\$100/ton
Unitary Commercial Air Conditioners, Air-Cooled (Cooling Mode)	< 65,000 Btu/hr (single phase)	Split system and single package	15.0 SEER and 12.5 EER	--	--
	< 65,000 Btu/hr (three phase)	Split system and single package	--	14.0 SEER and 11.6 EER	15.0 SEER and 12.0 EER
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 240,000 Btu/hr and < 760,000 Btu/hr	Split system and single package	--	10.5 EER and either 10.9 IPLV or 10.7 IEER	10.8 EER and either 12.0 IPLV or 11.0 IEER
Unitary Commercial Air Conditioners, Water and Evaporatively Cooled	≥ 760,000 Btu/hr	Split system and single package	--	9.7 EER and either 11.0 IPLV or 9.9 IEER	10.2 EER and either 11.0 IPLV or 10.4 IEER
	< 135,000 Btu/hr	Split system and single package	14.0 EER	--	--
Package Terminal Air Conditioners and Heat Pumps (PTAC/ PTHP) (Heating & Cooling Mode)	≥ 135,000 Btu/hr	Split system and single package	14.0 EER	--	--
	≤ 8,000 Btu/hr	Single package	11.8 EER and 3.3 COP	--	--
	> 8,000 Btu/hr and < 10,500 Btu/hr	Single package	11.4 EER and 3.2 COP	--	--
	≥ 10,500 Btu/hr and ≤ 13,500 Btu/hr	Single package	10.7 EER and 3.1 COP	--	--
Heat Pumps, Air-Cooled (Cooling Mode)	> 13,500 Btu/hr	Single package	10.0 EER and 3.0 COP	--	--
	< 65,000 Btu/hr (single phase)	Split system and single package	15.0 SEER and 12.5 EER	--	--
	< 65,000 Btu/hr (three phase)	Split system and single package	--	14.0 SEER and 11.6 EER	15.0 SEER and 12.0 EER
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
	≥ 135,000 Btu/hr and < 240,000 Btu/hr	Split system and single package	--	11.5 EER and either 11.9 IPLV or 11.7 IEER	12.0 EER and either 12.4 IPLV or 12.2 IEER
≥ 240,000 Btu/hr	Split system and single package	--	10.5 EER and either 10.9 IPLV or 10.7 IEER	10.8 EER and either 12.0 IPLV or 11.0 IEER	

(continued)



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Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement & Customer Incentive		
			\$50/ton	\$75/ton	\$100/ton
Heat Pumps, Air-Cooled (Heating Mode) – See Note 2	< 65,000 Btu/hr (single phase)	Split system	8.5 HSPF	--	--
		Single package	8.0 HSPF	--	--
	< 65,000 Btu/hr (three phase)	Split system	--	8.5 HSPF	9.0 HSPF
		Single package	--	8.0 HSPF	8.5 HSPF
	≥ 65,000 Btu/hr and < 135,000 Btu/hr	47°F db/43°F wb outdoor air	--	3.4 COP	3.4 COP
		17°F db/15°F wb outdoor air	--	2.4 COP	2.4 COP
	≥ 135,000 Btu/hr	47°F db/43°F wb outdoor air	--	3.2 COP	3.2 COP
		17°F db/15°F wb outdoor air	--	2.1 COP	2.1 COP
Heat Pumps, Water-Source (Cooling Mode)	< 135,000 Btu/hr	86°F Entering Water	14.0 EER	--	--
Heat Pumps, Water-Source (Heating Mode) – See Note 2	< 135,000 Btu/hr	68°F Entering Water	4.6 COP	--	--

Notes for HVAC equipment incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for an incentive. Equipment must meet both listed efficiency requirements to qualify for incentives.
2. Incentives for heat pumps are \$50-\$100 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.
3. Equipment size categories and capacities 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, and AHRI Standard 310/380 for PTAC and PTHP units.

AHRI = Air-Conditioning, Heating, and Refrigeration Institute

SEER = Seasonal Energy Efficiency Ratio

EER = Energy Efficiency Ratio

COP = Coefficient of Performance

HSPF = Heating Seasonal Performance Factor

IPLV = Integrated Part Load Value

PTHP = Package Terminal Heat Pump

PTAC = Package Terminal Air Conditioner

HVAC = Heating, Ventilating and Air Conditioning

IEER = Integrated Energy Efficiency Ratio



Let's turn the answers on.

Incentives for HVAC, mechanical and other energy efficiency measures

Equipment Type	Size Category	Sub-Category	Minimum Efficiency Requirement	Customer Incentive
Evaporative Cooling	All sizes	Direct or indirect	Industry Standard Rating (ISR) CFM	\$0.02/ISR CFM
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 by energy code	\$0.12/kWh annual energy savings + \$50/kW (See note 2)
Occupancy Based PTHP/PTAC Control	All sizes with no prior occupancy based control	--	See note 3	\$50/controller
Vertical Solid Door Refrigerator	0 < V < 15	--	ENERGY STAR [®] qualified	\$100
	15 ≤ V < 30	--		\$125
	30 ≤ V < 50	--		\$150
	50 ≤ V	--		\$175
Vertical Solid Door Freezer	0 < V < 15	--	ENERGY STAR [®] qualified	\$125
	15 ≤ V < 30	--		\$150
	30 ≤ V < 50	--		\$175
	50 ≤ V	--		\$200
Plug Load Occupancy Sensor	--	--	--	\$15/qualifying unit
Beverage or Refrigerated Display Occupancy Sensor	No prior occupancy sensor control	--	See note 4	\$75/sensor

Notes for HVAC, mechanical and other energy efficiency incentives:

1. Equipment that meets or exceeds the efficiency requirements listed for the size category in the above table may qualify for an incentive.
2. Chiller energy and demand savings subject to approval by Rocky Mountain Power.
3. Controller units must include an occupancy sensor and include the capability to setback the zone temperature during extended unoccupied periods and setup the temperature once the zone is occupied.
4. Intended for refrigerated vending machines and display cases containing only non-perishable bottled and canned beverages. Refurbished equipment that includes occupancy control is eligible.

CFM = Cubic Feet Per Minute
 ISR = Industry Standard Rating
 PTAC = Package Terminal Air Conditioner
 PTHP = Package Terminal Heat Pump
 V = Association of Home Appliance Manufacturers (AHAM) volume in cubic feet



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Incentives for building envelope retrofits

Equipment Type	Other Requirements	Minimum Efficiency Requirement	Customer Incentive
Wall Insulation	For spaces with mechanical cooling	Add R5	\$0.07/square foot
Roof Insulation	For spaces with mechanical cooling	Add R10	\$0.09/square foot
Windows	For spaces with mechanical cooling	U factor 0.35 and SHGC of 0.40	\$0.35/square foot
Cool Roof	Roofing over spaces with mechanical cooling	ENERGY STAR [®] reflective roof products label	\$0.10/square foot

Notes for building envelope retrofit incentives:

1. For retrofits of existing equipment, incentives are for one-for-one same size equipment replacements.
2. Equipment that meets or exceeds the efficiency and other requirements listed in the above table may qualify for an incentive.
3. Incentives for all equipment listed in the above incentive table are available via a post-purchase application process.

SHGC = Solar Heat Gain Coefficient



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