

FinAnswer[®] Express Idaho

NEW CONSTRUCTION – MAJOR RENOVATION



A change can do you good.



Let's turn the answers on.



Pictured above: Ferrari Color's CIO Dan Spangenberg is shown here at the digital imaging company's headquarters.

Ferrari Color

“FinAnswer Express is a great program that can help make high-efficiency units affordable.”

Dan Spangenberg
CIO
Ferrari Color

When building its new headquarters, Ferrari Color wanted to save energy and money on cooling. The digital imaging company took advantage of easy cash incentives from Rocky Mountain Power's FinAnswer® Express program to purchase and install high-efficiency air conditioners. Ferrari Color is saving more than 25,500 kilowatt-hours of energy annually and 22 kilowatts of demand during the cooling season, which adds up to nearly \$2,600 in electric bill savings each year with this equipment. Plus, the \$5,792 in incentives from Rocky Mountain Power lowered the simple payback from four years to less than two years.

FinAnswer® Express Idaho

Will it cost more to run your new facility than it should?

If the lighting, mechanical and other equipment in your plans haven't been upgraded, 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 new construction/major renovation and retrofits of existing equipment 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.

How it works

- 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 approved tariff, and a list of eligible rate schedules, go to rockymountainpower.net/regulation, click on Idaho, then Schedule 115.

**Certain restrictions apply for new construction and major renovations since incentives are for upgrades that exceed energy code requirements. For information on FinAnswer Express for retrofits, see our FinAnswer Express Retrofit Incentives brochure. 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.*



Pictured from the left: Rocky Mountain Power's Glen Pond and County Commissioner Richard Westerberg.

Franklin County

“The incentives offered by Rocky Mountain Power permitted [our] project to move forward by making it cost effective.”

Richard Westerberg
Franklin County Commissioner

Incentives for new construction/major renovation lighting

Category	Install	Incentive
Premium T8 Fluorescent Fixture Upgrade [Lamps with initial lumens \geq 3100 or wattage \leq 30 W; electronic ballasts with BF \leq 0.8]	4'-1 or 2 premium T8 lamp(s) + 1 electronic ballast (EB)	\$7
	4'-3 or 4 premium T8 lamps + EB	\$10
T5 Fluorescent Fixture Upgrade	2 T5 high output lamps (nominal 4') + EB (interior fixtures)	\$20
	3 T5 high output lamps (nominal 4') + EB (high bay)	\$40
	\geq 4 T5 high output lamps (nominal 4') + EB(s) (high bay)	\$60
	1 T5 lamp (nominal 4') + EB (interior fixtures)	\$10
	2 T5 lamps (nominal 4') + EB (interior fixtures)	\$25
T8 Fluorescent Fixture Upgrade (high bay)	3 T5 lamps (nominal 4') + EB (interior fixtures)	\$30
	4' \geq 4T8 lamps + EB(s) (high bay)	\$45
High Density Discharge Upgrades (based on lamp wattages)	\leq 100W ceramic metal halide	\$20
	$>$ 100W ceramic metal halide	\$40
	$>$ 500W pulse start metal halide	\$30
Lighting Controls	Integral occupancy sensor	\$25
Light Emitting Diode (LED) Lighting Channel letter signs	Indoor LED channel letter signage \leq 2' high	\$4/linear foot
	Indoor LED channel letter signage $>$ 2' high	\$6/linear foot
	Outdoor LED channel letter signage \leq 2' high	\$2/linear foot
	Outdoor LED channel letter signage $>$ 2' high	\$3/linear foot

Notes for new construction and major renovation lighting incentives:

1. The date of the building permit application establishes the applicable version of the Idaho energy code.
2. The total connected interior lighting power for new construction/major renovation projects required to comply with the energy code must be 10 percent lower than the interior lighting power allowance calculated under the applicable version of the Idaho energy code. For new construction/major renovation projects not required to comply with the energy code, the total connected lighting power must be 10 percent lower than common practice as determined by Rocky Mountain Power.
3. Incentives are not available for lighting controls required under the applicable version of the Idaho energy code.
4. Two-foot u-tube lamps may be substituted for 4' linear fluorescent lamps in the table above.
5. Electronic ballasts for high bay fixtures are required to have a ballast factor of less than or equal to 1.2 to be eligible for incentives.
6. To determine the length of LED channel letter signs, measure the length of individual letter at the centerline and add the individual values; do not measure the distance between letters.
7. Incentives for light-emitting diode traffic light upgrades are not available.
8. Incentives for new construction/major renovation lighting upgrades are available via a post-purchase incentive application process. Applying prior to placing purchase orders is recommended but not required.



Let's turn the answers on.

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.

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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 + \$50kW (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 Machine Occupancy Sensor	--	--	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 new construction/major renovation

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 new construction/major renovation incentives:

1. Equipment that meets or exceeds the efficiency listed in the table above may qualify for an incentive.
2. Incentives are available via a post-purchase application.

SHGC = Solar Heat Gain Coefficient



Let's turn the answers on.