

ENERGY @WORK

COMMERCIAL & INDUSTRIAL ENERGY EFFICIENCY • FALL 2018

Pocatello School District: *Improving the Learning Environment through Energy Savings*

Since 2009, the Pocatello School District earned \$276,127 in incentives from Idaho Power for energy-saving measures that saved 2,312,032 kilowatt-hours (kWh), enough to power more than 200 homes annually.

The district has completed more than 60 energy efficiency projects, including:

- LED lighting retrofits
- Lighting controls
- Variable-frequency drives (VFD)
- Occupancy sensors
- Heat pumps
- HVAC controls
- Building automation system

“Our payback for the total of those projects is about six years and our return on investment for those projects is right at 16 percent,” says Pocatello School District Energy Manager Brian Glenn. “Through our energy program, we’ve saved \$200,000 annually, that’s enough money to buy 850 Chromebook laptops for our classrooms.”



Improving Reliability for Our Customers

At Idaho Power, we know reliable energy is a critical component of your business. That is why we work every day to find ways to deliver you and your customers the highest level of service and reliability. Here are just a few of the things we’re working on:

- We clear and prune 120,000 trees each year to keep our customers and crews safe, and protect our lines.
- We plan to upgrade more than seven million feet of underground power lines over the next 15 years.
- We constantly analyze the best locations to perform maintenance on our feeders.

idahopower.com/upgrade

Watch their full story at
idahopower.com/business.

Follow us on social media to stay up-to-date on Idaho Power news, energy-saving opportunities and more for your home and business.



Idaho Power Incentive Updates

Idaho Power recently updated its incentives for retrofit and new construction and major renovation projects. View the incentive opportunities to see how Idaho Power can help save your business energy and money.

Additionally, projects not included in the Retrofits or New Construction offerings may qualify for incentives of up to 18 cents per kilowatt hour saved, up to 70 percent of the project cost.

MEASURE	INCENTIVE AMOUNT
RETROFIT LIGHTING	
LED	2–22¢ per kWh saved
LED Screw in	8–20¢ per watt (W) saved
LED Tubes	50¢ per foot
Signs	6 or 10¢ per kWh saved
LED Exit Sign	\$40 per unit
Lighting Controls	\$15–35 per unit
Refrigeration Cases	\$0.08, \$0.15, \$0.12 per kWh saved
T12 to T8	\$10–55 per fixture
HID to T5HO and T8	\$75–200 per fixture
Lamp Removal	\$5 per lamp
Reduced wattage T5 and T8	\$1 per lamp
Permanent Fixture Removal	\$15–30 per fixture
NEW CONSTRUCTION LIGHTING	
Interior	10–30¢ per ft ² based on percent better than code
Exterior	\$200 per kW based on percent better than code
Daylight Photo Controls	25¢ per ft ²
Occupancy Sensors	\$25 per sensor
Exit Signs	\$7.50 per sign

MEASURE	INCENTIVE AMOUNT	RETROFIT	NEW CONSTRUCTION
HVAC/CONTROLS			
Air-Cooled Air Conditioning Units, 5 tons or less	\$30 or \$75 per ton	✓	✓
Air-Cooled Heat Pump Units, 5 tons or less	\$30 or \$75 per ton	✓	✓
Variable Refrigerant Flow Units (VRF), 64 tons or less	\$75 or \$100 per ton	✓	✓
Air-Cooled Chillers	\$80 per ton	✓	✓
Water-Cooled Chillers	\$40 per ton	✓	✓
Economizer Repair	\$50 per ton	✓	
Air Side Economizer (New), less than 5 tons	\$75 per ton		✓
Air-Side Economizer (Exist)	\$100 per ton	✓	
Direct Evaporative Coolers	\$200 per ton	✓	✓
Electronically Commutated Motors (ECM)	\$100 per motor	✓	
Hotel/Motel Control	\$75 (R) / \$50 (N) per unit*	✓	✓
VFD on Chilled Water Pumps, Condenser Water Pumps, Cooling Tower Fans	\$60 per horsepower (HP)	✓	✓
VFD on Supply-, Return-, Outside-Air and Make-Up Air Fans, Hot Water Pumps	\$100 per HP	✓	✓
VFD on Potato or Onion Storage Shed Ventilation	\$200 per HP	✓	✓
Controls—1 strategy	\$60 or \$100 per ton	✓	✓
Controls—2 strategies	\$70 or \$125 per ton	✓	✓
Controls—3 strategies	\$80 or \$150 per ton	✓	✓
Controls—4 strategies	\$90 or \$175 per ton	✓	✓
Controls—5 strategies	\$100 or \$200 per ton	✓	
DAIRY/AGRICULTURE			
VSD on Milking Vacuum Pump	\$250 per HP	✓	✓
Stock Tank De-Icer—Thermostatically Controlled	\$50 per unit	✓	
MOTOR			
Stationary Pump-Driven Circulating Block Heater for Standby Generator	\$200 or \$1,500 per unit	✓	
Wall- or Engine-Mounted Engine Block Heater Control	\$50 or \$100 per unit	✓	✓
Notched V-Belt/Synchronous Belt	\$5/\$35 per HP	✓	
High-Volume, Low-Speed Fan	\$2,000 per fan	✓	✓
Green Rewind	\$1 per HP credit	\$	

*R = Retrofits incentive N = New Construction incentive

MEASURE	INCENTIVE AMOUNT	RETROFIT	NEW CONSTRUCTION
BUILDING SHELL			
Premium Windows	\$2.50 per square foot (ft ²)	✓	
Reflective Roof Treatment	\$.05 per ft ²	✓	✓
Wall Insulation	\$0.40 to 0.55 per ft ²	✓	
Ceiling Insulation	\$0.35 per ft ²	✓	
FOOD SERVICE			
Auto-Closers	\$70 to \$125 per ton	✓	
Anti-Sweat Heat Controls	\$40 per linear foot	✓	
Evaporator Fan Controls	\$75 per fan	✓	
ECM or Permanently Split Capacitor evaporator fan motor for walk-in or reach-in cooler or freezer	\$60 or \$100 per motor	✓	
Floating Head/Floating Suction Pressure	\$80/20 per HP (R) \$40/10 per HP (N)	✓	✓
Automatic High-Speed Freezer Door	\$4,000 or \$8,000 per door	✓	✓
Strip Curtain	\$150 per curtain	✓	✓
Non-Cooled Snack Control	\$50 per machine	✓	
ENERGY STAR® Dishwasher	\$200 or \$500 per unit	✓	✓
ENERGY STAR Electric Oven (combination or convection)	\$300 or \$1,100 per unit	✓	
ENERGY STAR Electric Fryer	\$400 per unit	✓	
ENERGY STAR Electric Steamer (3 to 10 pan)	\$80 to \$200 per unit	✓	
VFD on Kitchen Exhaust or Makeup Air Fan	\$200 per HP	✓	✓
COMPRESSED AIR			
Air Compressor VFD	\$150 per HP	✓	✓
Low-Pressure Drop Filter	\$7.50 per HP	✓	✓
No Loss Condensate Drain	\$300 per unit	✓	✓
Efficient Compressed-Air Nozzle	\$30 or \$60 per unit	✓	✓
Cycling Refrigerated Compressed Air Dryer	\$2 per CFM	✓	✓
OFFICE			
PC Network Power Management	\$10 per computer	✓	
Load-Sensing, Motion-Sensing or Timer-Controlled Power Strip	\$10 per strip	✓	✓
LAUNDRY AND BATH			
ENERGY STAR® Washer	\$125 per washer	✓	✓
Commercial Showerhead	\$9 or \$15 per unit	✓	



Highest Ever Customer Satisfaction Score Achieved

Thanks to our customers who ranked Idaho Power's third-quarter customer satisfaction scores the highest ever achieved. The Customer Relationship Index (CRI) score for the third quarter alone was the second highest quarterly CRI score ever achieved. The CRI is a combination of surveyed customers' satisfaction and perception about the company's quality, value, advocacy and loyalty.

Customers had improved opinions about the following:

- Reasonable rates for energy used
- Energy and services are a good value for the money
- Not having extended power outages
- Having options for how and where to pay their bill
- Loyalty to Idaho Power

We appreciate all our customers and thank those who took the time to complete a customer satisfaction survey.





An IDACORP Company

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- Pocatello School District: Improving the Learning Environment through Energy Savings
- Idaho Power Updates Incentive Opportunities
- Highest Ever Customer Satisfaction Score Achieved
- Improving Reliability for Our Customers

For your business owner or manager.

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Idaho Power Implements Rate Changes

Idaho Customers

Three rate decreases began saving Idaho customers on their monthly bills on June 1. Two of the proposals come from annual mechanisms—the Fixed Cost Adjustment (FCA) and Power Cost Adjustment (PCA)—and the third stems from federal and Idaho state tax-rate changes.

The FCA decreases rates approximately \$19.4 million for residential and small general service customers and the PCA decreases rates by \$22.6 million for all Idaho Power customers.

Tax reform changes result in a total customer benefit of \$33.9 million, provided through: 1) a base rate reduction of approximately \$18.7 million, 2) an additional \$7.8 million decrease provided through the 2018 PCA, and 3) a non-cash annual benefit of \$7.4 million in the form of an offset to other deferred costs.

Oregon Customers

Starting June 1, Oregon customer rates were adjusted to reflect the impacts of federal and state tax reform, updates to power supply costs and changes associated with Idaho Power's planned early end of coal-fired operations at the Boardman and North Valmy power plants.

Tax reform provides annual benefits of \$1.48 million to all Oregon customers. The Annual Power Cost Update (APCU) and Power Cost Adjustment Mechanism (PCAM) updated rates to reflect the current costs and benefits of providing energy to Oregon customers. An additional rate increase was associated with Idaho Power's early end of coal-fired operations at the Boardman and North Valmy power plants.

All rate changes for both Idaho and Oregon customers went into effect on June 1, 2018.

IDAHO				
Residential	Small General Service	Large General Service ¹	Large Power ²	Irrigation
Fixed Cost Adjustment (FCA)				
-3.61%	-3.75%	N/A	N/A	N/A
Power Cost Adjustment (PCA)				
-1.29%	-0.80%	-2.20%	-3.27%	-1.91%
Federal Tax Reform				
-2.15%	-2.10%	-2.29%	-2.25%	-2.33%
Combined Impact³				
-7.06%	-6.64%	-4.48%	-5.52%	-4.25%

¹ Includes lighting schedules; ² Includes special contracts;
³ May not add up exactly due to rounding

OREGON				
Residential	Small General Service	Large General Service ¹	Large Power	Irrigation
Tax Reform				
-2.56%	-2.32%	-2.72%	-2.76%	-2.69%
Boardman and Valmy				
4.23%	3.38%	4.54%	5.21%	3.51%
APCU and PCAM				
-4.94%	0.98%	0.82%	1.32%	1.68%
Combined Impact				
-3.27%	2.03%	2.63%	3.77%	2.49%

¹ Includes lighting schedules