

Electronic Handbook of Industrial Resources

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# Electronic Handbook of Industrial Resources

## IDAHO

November 2010

### Introduction

This resource provides a comprehensive listing of incentives, tools, and resources for industrial manufacturing energy efficiency in the state of Idaho. It is organized according to industrial system and features information on rebates, waived fees, tax credits, loans and other resources such as analysis tools, education and training programs, and energy assessments. It is based on data available in the *States Incentives and Resources Database*, maintained by the U.S. Department of Energy's (DOE) Industrial Technologies Program (ITP).

The *States Incentives and Resources Database* is a comprehensive searchable online database of approximately 3,100 energy efficiency incentives organized by state. The database is updated regularly and is accessible via the *Save Energy Now* State and Regional Partnerships' Web site:

[http://www1.eere.energy.gov/industry/states/state\\_activities/incentive\\_search.aspx](http://www1.eere.energy.gov/industry/states/state_activities/incentive_search.aspx)



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# State Industrial Overview

Idaho is a landlocked state that encompasses more land area than all of New England. It is mostly mountainous and has a total population of 1.5 million residents. Idaho ranks 43rd in the nation in terms of GDP, totaling \$52.7 billion.

The state has limited fossil fuel reserves but is known for being rich in renewable resources, most notably hydroelectric. Idaho is an energy intensive state, and its leading industries include food manufacturing, mining, wood product manufacturing, and chemical manufacturing.<sup>1</sup> In 2008, Idaho ranked 39th in the nation for industrial energy consumption at 187.1 trillion Btu and 40th in the nation for industrial natural gas consumption at 25.8 trillion Btu.<sup>2</sup>

Exhibit 1 below compares the industrial energy consumption in Idaho in relation to the national average. The chart in Exhibit 2 is a visual representation of the same data.

**Exhibit 1: Total Industrial Energy Consumption Statistics in Idaho**

Year	Idaho Energy Consumption (Trillion Btu)	National Average (Trillion Btu)
2000	203.3	680.2
2001	180.3	642.8
2002	165.3	642.0
2003	171.6	639.6
2004	190.0	658.7
2005	188.0	696.7
2006	184.0	636.6
2007	187.0	637.0
2008	187.1	614.8

Source: [http://www.eia.doe.gov/emeu/states/sep\\_use/ind/use\\_ind\\_al.html](http://www.eia.doe.gov/emeu/states/sep_use/ind/use_ind_al.html)

# Idaho at a Glance

## State Information

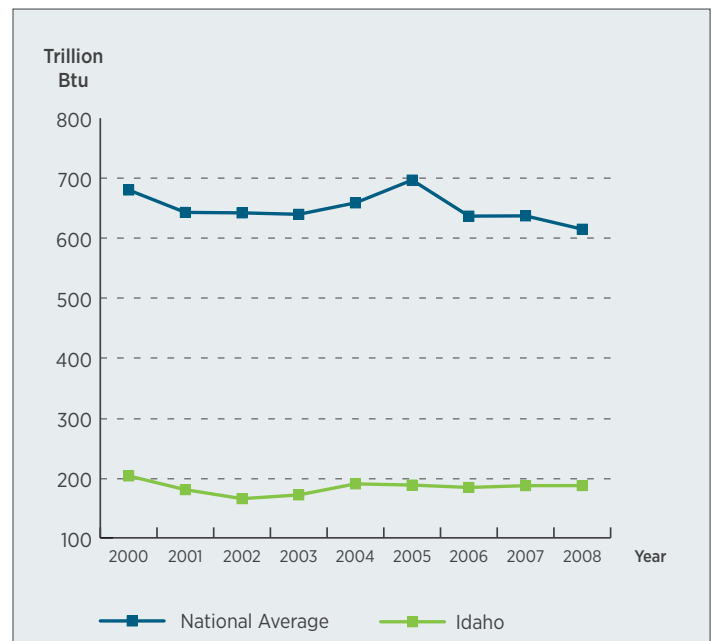
2009 Population (Million)	1.5
2008 GDP (Billion)	\$52.7
Rank by GDP	43

## Energy Statistics

Total Energy Consumption 2008 (Trillion Btu)	529.3
Total Industrial Energy Consumption 2008 (Trillion Btu)	187.1
Total Industrial Energy Consumption Rank	39
Total Industrial Electricity Use 2008 (Trillion Btu)	31.8
Total Industrial Electricity Use Rank	36
Total Industrial Natural Gas Use 2008 (Trillion Btu)	25.8
Total Industrial Natural Gas Use Rank	40

Source: [http://www1.eere.energy.gov/industry/states/state\\_activities/map\\_new.asp?stid=ID](http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=ID)

**Exhibit 2: Total Industrial Energy Use**



# Federal and National Industrial Energy Efficiency Programs

In addition to the state level programs outlined in more detail in section III there are many government and non-government organizations that have resources to assist industry in the western region to utilize energy more effectively. Financial and technical resources are available from federal agencies, national laboratories, utilities, utility associations, industrial organizations, energy efficiency organizations, state energy offices, energy services companies, non-profits or non-governmental organizations, foundations, and private companies.

ITP is one such program that provides industrial manufacturers across the country with a variety of energy efficiency tools, resources, and incentives. ITP is a prime example of DOE's commitment to improving the energy efficiency of industrial operations in the United States. ITP is a multi-faceted outreach and deployment initiative designed specifically for industrial manufacturers. ITP supports research and development of energy efficient technologies, provides industry with energy management and assessment tools, resources, and information. It also provides no-cost energy assessments to industrial plants of all size.

Several other federal agencies offer energy efficiency incentives in addition to the multitude of DOE resources. Internal Revenue Service, for instance, provides tax incentives to industrial manufacturers that implement energy efficiency projects. In addition, the U.S. Environmental Protection Agency provides loans on new energy efficient construction and incentives on the implementation of combined heat and power systems. Finally, the U.S. Department of Agriculture is another federal agency that provides incentives to rural and small industrial operations seeking to become more energy efficient.

## State Incentives by Industrial System

### Building Systems

#### Building Efficiency for Construction Projects

Idaho Power offers incentives for commercial and industrial construction projects, new buildings, expansion, additions, or major renovations.

**For More Information:**  
<http://www.idahopower.com/EnergyEfficiency/Business/Programs/BuildingEfficiency/default.cfm>

**Sponsor:** Idaho Power  
**Sponsor Type:** Utility

#### Building Shell Incentives

Idaho Power offers rebate incentives for HVAC and modifying or adding onto the shell of a building. These incentives include installing high-efficiency windows, window coverings, reflective roof treatments, and insulation to roofs and walls.

**For More Information:**

[http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades\\_wrapper.pdf](http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades_wrapper.pdf)

**Sponsor:** Idaho Power  
**Sponsor Type:** Utility

#### Business Energy Advisor

Business Energy Advisor provides detailed information on energy consumption in the following 10 market sectors: Congregational Buildings, Dairy Farms, Data Centers, Office Buildings, Motels, Hospitals, Restaurants, Retail, Grocery Stores, and Schools. Users will find advice on low- and no-cost steps to make facilities operate more efficiently and reliably. Users will also find recommendations for trading up to more energy efficient equipment that will improve building performance over the long term.

**For More Information:**

<http://www.touchstoneenergy.com/eficiency/bea/Pages/default.aspx>

**Sponsor:** Fall River Rural Electric Cooperative  
**Sponsor Type:** Utility

#### Electric to Natural Gas Water Heater Conversion Rebate

A business that switches an 80-gallon or smaller water heater from electric to high-efficiency gas can receive a rebate of \$150.

**For More Information:**

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_13.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_13.aspx)

**Sponsor:** Avista Utilities  
**Sponsor Type:** Utility



## Energy FinAnswer- New Facilities & Major Renovations

The utility performs a detailed energy analysis and then awards rebates according to the predicted amount of energy saved. An incentive agreement is signed prior to the customer purchasing the products in question.

### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/wyoming/nfmr.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

## Energy FinAnswer- Retrofit Projects

The utility is offering technical assistance and financial incentives to commercial and industrial customers wishing to make energy efficient retrofits. The rate of rebate is 12 cents per kWh annual savings plus \$50 per kW average monthly demand reduction, capped at 50% of construction costs.

### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/wyoming/ilc/ef.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

## Energy Management Certification Programs

Located in Portland, this organization provides energy educational opportunities to everyone in the Northwest. The organization provides general information and certification programs including the following topics: building energy use, building envelope, insulation, HVAC systems, controls, energy assessments, and operations and maintenance.

### For More Information:

<http://www.nweei.org/emc.html>

**Sponsor:** Northwest Energy Education Institute  
**Sponsor Type:** Other

## Integrated Design Lab

This lab serves as a technical resource in learning how to incorporate high-performance building practices into building designs.

### For More Information:

<http://betterbricks.com/DetailPage.aspx?ID=253>

**Sponsor:** BetterBricks  
**Sponsor Type:** Other

## Side-Stream Filtration Incentive

Side-stream filtration reduces the impact of dust and particulate matter on chillers. Minimizing this impact reduces efficiency losses. Avista will provide a rebate of \$18 per ton or 50% of installed cost, whichever is smaller.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_2.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_2.aspx)

**Sponsor:** Avista Utilities  
**Sponsor Type:** Utility

## Solar Rebate Program

Lower Valley Energy will provide a \$400+ rebate to residential and commercial customers that install photovoltaic and/or solar water heater collectors in the utility's service territory.

### For More Information:

[http://www.lvenergy.com/?page\\_id=325](http://www.lvenergy.com/?page_id=325)

**Sponsor:** Lower Valley Energy  
**Sponsor Type:** Utility

## Water Heater Rebate

Offers rebates on high-efficiency electric water heaters with a minimum 20-year tank warranty. Rebates vary according to tank capacity.

### For More Information:

<http://www.clearwaterpower.com/DrawOnePage.aspx?PageID=237>

**Sponsor:** Clearwater Power Company  
**Sponsor Type:** Utility

## Energy Sources

### Geothermal Heat Pump Rebate

Customers that install a geothermal heat pump will receive a rebate up to \$3,000 from Lower Valley Energy.

### For More Information:

<http://www.lvenergy.com/conservation.php>

**Sponsor:** Lower Valley Energy  
**Sponsor Type:** Utility

### Green Power Program

Idaho Power customers can choose to enroll in the Green Power Program, which provides funding for wind and solar power generation. An extra \$6 per month reduces the carbon equivalent to removing one car from the road for a year.

### For More Information:

<http://www.idahopower.com/News-Community/OurEnvironment/Green-Power/default.cfm>

**Sponsor:** Idaho Power  
**Sponsor Type:** Utility

### Green Tags Program

Northwest Solar Cooperative, a nonprofit organization managed by Cascade Solar Consulting, buys Green Tags at 2 cents per kWh for a system up to 50 kW in size. Photovoltaic or small wind-generation systems qualify.

### For More Information:

<http://www.cascadesolar.com/green-tagsfaq.htm>

**Sponsor:** Northwest Solar Cooperative  
**Sponsor Type:** Other

## Low-Interest Energy Loans

The Idaho Office of Energy Resources administers a low-interest loan program for companies and projects that conserve energy and/or utilize renewable resources within the state. Loans range from \$1,000 to \$100,000. Interest is set at 4% for a five-year repayment plan.

### For More Information:

<http://www.energy.idaho.gov/financial-assistance/energyloans.htm>

**Sponsor:** Idaho Office of Energy Resources

**Sponsor Type:** State

## Net Metering

Customers that self-generate power will receive credits on utility bills for any excess power produced.

### For More Information:

<http://www.clearwaterpower.com/Dra-wOnePage.aspx?PageID=225>

**Sponsor:** Clearwater Power Company

**Sponsor Type:** Utility

## Net Metering Program

Idaho Power's Net Metering program allows customers to install small-scale, renewable generation projects on a property and connect to Idaho Power's electrical grid. The purpose of the program is to enable customers to offset electricity usage. Customers generating more electricity than used can earn a credit on Idaho Power bills.

### For More Information:

<http://www.idahopower.com/AboutUs/BusinessToBusiness/GenerationInter-connect/default.cfm>

**Sponsor:** Idaho Power

**Sponsor Type:** Utility

## Renewable Generation Incentive

These incentives are designed to offset expenses incurred during the purchase and installation of renewable energy systems. Qualifying systems must be tied into the utility grid.

### For More Information:

<http://www.avistautilities.com/services/renewable/incentives/idaho/Pages/default.aspx>

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Renewable Production Grant

Bonneville Environmental Foundation provides grants for renewable energy projects.

### For More Information:

<http://www.b-e-f.org/business/>

**Sponsor:** Bonneville Environmental Foundation

**Sponsor Type:** Nonprofit

## Solar Rebate Program

Lower Valley Energy will provide a \$400+ rebate to residential and commercial customers that install photovoltaic and/or solar water heater collectors in the utility's service territory.

### For More Information:

<http://www.lvenergy.com/Documents/SolarRebateWEBSITE.htm>

**Sponsor:** Lower Valley Energy

**Sponsor Type:** Utility

## Energy Efficiency Projects

The utility's sister company, Constellation Energy Projects & Services Group, helps commercial customers develop solutions to achieve energy goals.

### For More Information:

<http://www.newenergy.com/portal/site/menuitem.1b1af2559c566632782c7883da6176a0>

**Sponsor:** Constellation NewEnergy

**Sponsor Type:** Utility

## HVAC

### Building Shell Incentives

Idaho Power offers rebate incentives for HVAC and modifying or adding onto the shell of a building. These incentives include installing high-efficiency windows, window coverings, reflective roof treatments, and insulation to roofs and walls.

### For More Information:

[http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades\\_wrapper.pdf](http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades_wrapper.pdf)

**Sponsor:** Idaho Power

**Sponsor Type:** Utility

### Cool Keeper Program

Rocky Mountain Power commercial customers in Utah are eligible to receive a free Cool Keeper Web-Programmable Thermostat or Cool Keeper Digital Cycling Unit.

### For More Information:

[http://www.coolkeeper.net/about\\_business.php](http://www.coolkeeper.net/about_business.php)

**Sponsor:** Rocky Mountain Power

**Sponsor Type:** Utility

### Demand Controlled Ventilation Program

HVAC levels can be controlled to meet current demands if the number of people in a room is known. Determining the number of people in a room is done by using a carbon dioxide sensor.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_1.asp](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_1.asp)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Energy Management Certification Programs

Located in Portland, this organization provides energy educational opportunities to everyone in the Northwest. The organization provides general information and certification programs including the following topics: building energy use, building envelope, insulation, HVAC systems, controls, energy assessments, and operations and maintenance.

**For More Information:**  
<http://www.nweei.org/emc.html>

**Sponsor:** Northwest Energy Education Institute  
**Sponsor Type:** Other

## Energy Training Calendar

These business training programs are designed to help industrial facilities learn how to become more energy efficient. Topics include compressed air systems, pumping systems, and industrial refrigeration systems.

**For More Information:**  
<http://nwalliance.org/participate/calendar.aspx?MODE=CALENDAR&CATEGORY=Industrial>

**Sponsor:** Northwest Energy Efficiency Alliance  
**Sponsor Type:** Nonprofit

## Geothermal Heat Pump Rebate

Customers that install a geothermal heat pump will receive a rebate up to \$3,000 from Lower Valley Energy.

**For More Information:**  
<http://www.lvenergy.com/conservation.php>

**Sponsor:** Lower Valley Energy  
**Sponsor Type:** Utility

## Heat Pump Loan Program

Idaho Falls Power is offering a no-interest loan program (up to 60 months) for companies to install energy efficient heat pumps. The maximum loan

amount is \$7,500. Prospective borrowers must contact the utility prior to installation of the heat pump.

**For More Information:**  
<http://www.idahofallsidaho.gov/city/city-departments/idaho-falls-power/energy/efficiency/heat-pump-program.html>

**Sponsor:** Idaho Falls Power  
**Sponsor Type:** Utility

## High-Efficiency Gas Furnace Rebate Program

The Gas Heating Rebate Program encourages conservation through the use of modern, high-efficiency natural gas heating equipment by providing a financial incentive to new customers that convert from another energy source to natural gas. A cash rebate of \$200 per heating unit is available when customers convert to a high-efficiency natural gas furnace. Some conditions apply.

**For More Information:**  
<http://www.intgas.com/infocenter/rebate.html>

**Sponsor:** Intermountain Gas Company  
**Sponsor Type:** Utility

## HVAC Controls Incentives

Idaho Power's HVAC system rebates include replacing old air conditioning units with more efficient units and installing HVAC controls. Incentives are also available for installing or repairing economizers, installing pre-coolers, upgrading evaporative cooling, and installing variable speed drives.

**For More Information:**  
[http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades\\_wrapper.pdf](http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades_wrapper.pdf)

**Sponsor:** Idaho Power  
**Sponsor Type:** Utility

## PTCS Heat Pump Rebate

CPC members are eligible for a heat pump rebate if a performance tested comfort system technician installs the heat pump and analyzes the duct system to ensure air tightness. Heat pump rebates range from \$300 to \$1,000 and the duct inspection and sealing rebate is \$500.

**For More Information:**  
<http://www.clearwaterpower.com/DrawingOnePage.aspx?PageID=238>

**Sponsor:** Clearwater Power Company  
**Sponsor Type:** Utility

## Small Commercial FinAnswer Express

The FinAnswer Express program includes incentives and technical expertise for lighting, motors, HVAC, and other equipment upgrades that increase electric energy efficiency and exceed code requirements.

**For More Information:**  
<http://www.rockymountainpower.net/bus/se/epi/wyoming/sc.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility



# Industrial Systems / Process Specific

## Business Energy Advisor

Commercial Energy Advisor provides detailed information on energy consumption in the following 10 market sectors: Congregational Buildings, Dairy Farms, Data Centers, Office Buildings, Motels, Hospitals, Restaurants, Retail, Grocery Stores, and Schools. Users will find advice on low- and no-cost steps to make facilities operate more efficiently and reliably. Users will also find recommendations for trading up to more energy efficient equipment that will improve building performance over the long term.

**For More Information:**

[https://touchstoneenergy.cooperative.com/public/programs/businessenergyadvisor/BEA\\_App.htm](https://touchstoneenergy.cooperative.com/public/programs/businessenergyadvisor/BEA_App.htm)

**Sponsor:** Fall River Rural Electric Cooperative

**Sponsor Type:** Utility

## Commercial Clothes Washer Rebates

Avista offers rebates for the purchase and installation of qualifying high-efficiency commercial clothes washers.

**For More Information:**

[https://www.avistautilities.com/business/rebates/washington\\_idaho/washer/Pages/default.aspx](https://www.avistautilities.com/business/rebates/washington_idaho/washer/Pages/default.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Custom Efficiency for Complex Projects

Custom Efficiency provides assistance to medium and large commercial and industrial customers that reduce energy usage by modifying an existing process or installing a more efficient one. Incentives are based on 12 cents per kWh saved per year or 70% of the project cost.

**For More Information:**

<http://www.idahopower.com/pdfs/EnergyEfficiency/CustomEfficiencyOverview.pdf>

**Sponsor:** Idaho Power

**Sponsor Type:** Utility

## Energy Management Certification Programs

Located in Portland, this organization provides energy educational opportunities to everyone in the Northwest. The organization provides general information and certification programs including the following topics: building energy use, building envelope, insulation, HVAC systems, controls, energy assessments, and operations and maintenance.

**For More Information:**

<http://www.nweei.org/emc.html>

**Sponsor:** Northwest Energy Education Institute

**Sponsor Type:** Other

## Energy Training Calendar

These business training programs are designed to help industrial facilities learn how to become more energy efficient. Topics include compressed air systems, pumping systems, and industrial refrigeration systems.

**For More Information:**

<http://nwalliance.org/participate/calendar.aspx?MODE=CALENDAR&CATEGORY=Industrial>

**Sponsor:** Northwest Energy Efficiency Alliance

**Sponsor Type:** Nonprofit

## Food Service Equipment Rebate

Offers rebates for the purchase of high-efficiency food service equipment including fryers, cookers and freezers.

**For More Information:**

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_7.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_7.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Green Motors Initiative

Incentives of \$1 per horsepower (HP) are now available for Green Rewinds of NEMA rated motors from 15 HP to 500 HP. Incentives are paid as an instant rebate on an invoice from a participating service center.

**For More Information:**

[http://www.avistautilities.com/business/rebates/washington\\_idaho/greenmotors/Pages/default.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/greenmotors/Pages/default.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## LEED-NC or EB Certification

The LEED Green Building Rating System is a voluntary standard for developing high-performance, sustainable buildings. LEED provides a game plan for evaluating building performance. Avista Utilities will pay 25 cents per conditioned square foot for LEED-NC and 50 cents per conditioned square foot for LEED-EB.

**For More Information:**

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_10.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_10.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Motor/Control Incentives

Idaho Power offers rebates for replacement motor/motor controls. These incentives include adding high-efficiency motors, downgrading to a smaller motor, converting to ECMs, and installing variable-speed drives to variably loaded motors.

**For More Information:**

[http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades\\_wrapper.pdf](http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades_wrapper.pdf)

**Sponsor:** Idaho Power

**Sponsor Type:** Utility

## Plug Load Incentives

Incentive rebates for plug loads are available for installing more efficient vending machines, installing occupancy sensors on vending machines, updating coin-operated laundry machines, and replacing low-efficiency appliances like dishwashers and refrigerators. Incentives are also available for purchasing more energy efficient computers and monitors, as well as adding a network power management system.

### For More Information:

[http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades\\_wrapper.pdf](http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades_wrapper.pdf)

**Sponsor:** Idaho Power

**Sponsor Type:** Utility

## Power Management for Personal Computer (PC) Networks

Avista offers incentives of \$10 per computer for the decrease of overall average controlled PC energy use. The equipment or software must achieve a minimum average savings of 120 annual kWh.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/default.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/default.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## PowerForward

In order to conserve energy on “high power” days, the PowerForward program informs Utah businesses when to use less power. Participants qualify for financial incentives.

### For More Information:

<http://www.powerforward.utah.gov/>

**Sponsor:** Rocky Mountain Power

**Sponsor Type:** Utility

## Premium Efficiency Motors Rebate

Rebates are available to commercial customers that upgrade motors to NEMA premium motors. The rebates are calculated by average motor loading and operating conditions.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_12.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_12.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Small Commercial FinAnswer Express

The FinAnswer Express program includes incentives and technical expertise for lighting, motors, HVAC, and other equipment upgrades that increase electric energy efficiency and exceed code requirements.

### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/wyoming/sc.html>

**Sponsor:** Rocky Mountain Power

**Sponsor Type:** Utility

## Steam Trap Replacement / Repair Rebates

Rebates are available for repairing or replacing failed steam traps. The rebate amounts range from \$120 to \$350 per replaced trap, depending on the size.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_4.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_4.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Variable Frequency Drive Incentives

The utility offers incentives for fan and pump systems, which usually have a cost-effective application for variable frequency drives. Rebates are specific to the project.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_9.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_9.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Vending Machine Controller

A rebate of \$90 is available for each vending machine controller that is installed on a vending machine dispensing cold, nonperishable beverages.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_3.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_3.aspx)

**Sponsor:** Avista Utilities

**Sponsor Type:** Utility

## Energy Efficiency Projects

The utility's sister company, Constellation Energy Projects & Services Group, helps commercial customers develop solutions to achieve energy goals.

### For More Information:

<http://www.newenergy.com/portal/site/menuitem.1b1af2559c566632782c7883da6176a0>

**Sponsor:** Constellation NewEnergy

**Sponsor Type:** Utility

## Lighting

### Compact Fluorescent Lamp (CFL) Promotion

CPC members are able to buy 6 CFLs (13W or 25W) for \$3 from CPC. The CFL limit per customer is 36.

#### For More Information:

<http://www.clearwaterpower.com/Dra-wOnePage.aspx?PageID=235>

**Sponsor:** Clearwater Power Company  
**Sponsor Type:** Utility

### ComLite Commercial Lighting Program

Lower Valley Energy ComLite Commercial Lighting program provides an incentive to upgrade existing lighting with energy efficient lighting systems.

#### For More Information:

<http://www.lvenergy.com/conservation.php>

**Sponsor:** Lower Valley Energy  
**Sponsor Type:** Utility

### Commercial and Industrial Efficiency Programs

The cooperative offers lighting rebates to commercial members. Industrial members are eligible for rebates for the installation of other energy efficient lighting and equipment.

#### For More Information:

<http://www.kec.com/commercial.php>

**Sponsor:** Kootenai Electric Cooperative  
**Sponsor Type:** Utility

### Commercial Energy Conservation Program

Idaho Falls Power is offering a no-interest loan program (up to 60 months) for companies to install energy efficient lighting, as well as other devices designed to reduce energy consumption. The maximum loan amount is \$25,000.

#### For More Information:

<http://www.idahofallsidaho.gov/city/city-departments/idaho-falls-power/energy/efficiency/commercial-program.html>

**Sponsor:** Idaho Falls Power  
**Sponsor Type:** Utility

### Commercial Lighting Incentive Program

Avista's Commercial Lighting Incentive Program provides financial incentives for the purchase and installation of lighting upgrades including: T8 fluorescent lighting, pulse-start metal halide lighting, pulse-start metal halide, compact fluorescent lights, cold cathode fluorescent lights, LED exit signs, and individually controlled daylighting ballasts.

#### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/incentive\\_6.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/incentive_6.aspx)

**Sponsor:** Avista Utilities  
**Sponsor Type:** Utility

### Lighting Incentives

Idaho Power offers rebates for lighting system retrofits or lighting controls. System improvements include the installation of either T8 or T5 fluorescent lights or efficient HID lighting or compact fluorescent lights. Adding lighting controls and retrofits to sign lighting is also accepted.

#### For More Information:

[http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades\\_wrapper.pdf](http://www.idahopower.com/pdfs/EnergyEfficiency/EasyUpgrades/EasyUpgrades_wrapper.pdf)

**Sponsor:** Idaho Power  
**Sponsor Type:** Utility

### Small Commercial FinAnswer Express

The FinAnswer Express program includes incentives and technical expertise for lighting, motors, HVAC, and other equipment upgrades that increase electric energy efficiency and exceed code requirements.

#### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/wyoming/sc.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

## Load Management

### Business Services

Avista offers business technical services and tools to help customers manage energy.

#### For More Information:

<http://www.avistautilities.com/business/services/Pages/default.aspx>

**Sponsor:** Avista Utilities  
**Sponsor Type:** Utility

### Energy Exchange

Energy Exchange is a voluntary load-reduction program designed for customers with at least 1 MW of connected load. Customers in the program are contacted to reduce usage at certain times due to power supply issues. In turn, the utility will pay a company money for reduced energy use.

#### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/idaho/lc.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

### Energy FinAnswer- Retrofit Projects

The utility is offering technical assistance and financial incentives to commercial and industrial customers wishing to make energy efficient retrofits. The rate of rebate is 12 cents per kWh annual savings plus \$50 per kW average monthly demand reduction, capped at 50% of construction costs.

#### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/wyoming/ilc/ef.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

## FlexPeak Management

FlexPeak Management gives customers the flexibility to manage a business's peak demand and electricity usage while earning incentives, saving money, and saving energy. By participating in FlexPeak Management, commercial and industrial customers reduce power usage during times of system peak demand. Participating customers receive a fully customized Demand Reduction Plan, free basic access to EnerNOC's PowerTrack energy management software that allows customers to view energy consumption in real time, an incentive for agreeing to be on-call and participate in demand-reduction events, and an additional incentive for actual participation in a demand-reduction event.

### For More Information:

<http://www.idahopower.com/EnergyEfficiency/Business/Programs/FlexPeak/default.cfm>

**Sponsor:** Idaho Power  
**Sponsor Type:** Utility

## Industrial Assessment Center (IAC): Oregon State University

Small- and medium-sized manufacturers that meet Oregon State University requirements are eligible receive a free energy assessment within about 150 miles of the university.

### For More Information:

<http://eec.engr.oregonstate.edu/industrial.htm>

**Sponsor:** U.S. Department of Energy  
**Sponsor Type:** Federal

## PowerForward

In order to conserve energy on "high power" days, the PowerForward program informs Utah businesses when to use less power. Participants qualify for financial incentives.

### For More Information:

<http://www.powerforward.utah.gov/>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

## Constellation NewEnergy Online

This is an energy management tool that is available to all electricity customers free of charge. The tool allows customers to find opportunities to improve a company's energy efficiency, track changes in a company's usage, and compare usage across multiple facilities.

### For More Information:

<http://www.newenergy.com/portal/site/menuitem.987b194dd5e782ce18a805e4da6176a0>

**Sponsor:** Constellation NewEnergy  
**Sponsor Type:** Utility

## Energy Efficiency Projects

The utility's sister company, Constellation Energy Projects & Services Group, helps commercial customers develop solutions to achieve energy goals.

### For More Information:

<http://www.newenergy.com/portal/site/menuitem.1b1af2559c566632782c7883da6176a0>

**Sponsor:** Constellation NewEnergy  
**Sponsor Type:** Utility

## Load Response for your Business

Commercial customers can receive financial rewards, either in the form of dollars or energy bill credits, for using less energy on days when regional power grids are under stress.

### For More Information:

<http://www.newenergy.com/portal/site/menuitem.c2d5c4a31e3b3661571c5010747176a0?title=lr>

**Sponsor:** Constellation NewEnergy  
**Sponsor Type:** Utility

# Industrial Systems General

## Business Services

Avista offers business technical services and tools to help customers manage energy.

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<http://www.avistautilities.com/business/services/Pages/default.aspx>

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### For More Information:

<http://eec.engr.oregonstate.edu/industrial.htm>

**Sponsor:** U.S. Department of Energy  
**Sponsor Type:** Federal

## Low-Interest Energy Loans

The Idaho Office of Energy Resources administers a low-interest loan program for companies and projects that conserve energy and/or utilize renewable resources within the state. Loans range from \$1,000 to \$100,000. Interest is set at 4 percent for a five-year repayment plan.

### For More Information:

<http://www.energy.idaho.gov/financial-assistance/energyloans.htm>

**Sponsor:** Idaho Office of Energy Resources  
**Sponsor Type:** State



## Recommissioning Program

The utility provides a complete energy audit of a facility to identify ways to make existing systems more energy efficient. The auditor will also make suggestions for upgrading equipment that is eligible for a rebate.

### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/utah/ilc/recommissioning.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

## Retro-Commissioning Program

Commissioning a new building helps ensure that its major systems—HVAC, compressed air, and Energy Management Systems (EMS)—operate correctly when first installed. Retro-commissioning is a systematic process for investigating, analyzing, and optimizing the performance of systems that have never been commissioned. Avista offers incentives to customers and qualified commissioning agents.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/retro/Pages/default.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/retro/Pages/default.aspx)

**Sponsor:** Avista Utilities  
**Sponsor Type:** Utility

## Self-Direction Credit Program

This program is targeted to large commercial and industrial customers in Utah. The utility enables customers to fund projects at facilities to reduce energy consumption. Once these systems are implemented, customers will receive a credit on utility bills that will offset the Customer Efficiency Service Charge.

### For More Information:

<http://www.rockymountainpower.net/bus/se/epi/utah/ilc/sdc.html>

**Sponsor:** Rocky Mountain Power  
**Sponsor Type:** Utility

## Site-Specific Energy Efficiency Incentives

Avista works with commercial customers to locate areas in facilities that can be more energy efficient. After an audit is completed, the customer will apply for the suggested incentives provided by the auditor. Avista will pay up to 50% of total project cost for electric efficiency measures and up to 30% of total project cost for gas efficiency measures.

### For More Information:

[http://www.avistautilities.com/business/rebates/washington\\_idaho/Pages/default.aspx](http://www.avistautilities.com/business/rebates/washington_idaho/Pages/default.aspx)

**Sponsor:** Avista Utilities  
**Sponsor Type:** Utility

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### For More Information:

<http://www.newenergy.com/portal/site/menuitem.987b194dd5e782ce18a805e4da6176a0>

**Sponsor:** Constellation NewEnergy  
**Sponsor Type:** Utility

## Energy Efficiency Projects

Constellation Energy Projects Services provides solutions designed to achieve energy goals and promote a sustainable future by offering an extensive array of products and services.

### For More Information:

<http://www.newenergy.com/portal/site/cne/menuitem.1b1af2559c566632782c7883da6176a0>

**Sponsor:** Constellation NewEnergy  
**Sponsor Type:** Utility

## Energy Efficiency Projects

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**Sponsor:** Constellation NewEnergy  
**Sponsor Type:** Utility



# End Notes

- <sup>1</sup> “Detailed Statistics - American FactFinder.” U.S. Census Bureau. Accessed 13 Oct. 2010. [http://factfinder.census.gov/servlet/IBQTable?\\_bm=y&-ds\\_name=AM0831GS101](http://factfinder.census.gov/servlet/IBQTable?_bm=y&-ds_name=AM0831GS101).
- <sup>2</sup> U.S. Energy Information Administration, “State/Territory Energy Profiles,” Accessed October 4, 2010. [http://tonto.eia.doe.gov/state/state\\_energy\\_profiles.cfm?sid=AL](http://tonto.eia.doe.gov/state/state_energy_profiles.cfm?sid=AL).

**EERE Information Center**

1-877-EERE-INFO (1-877-337-3463)

*[www.eere.energy.gov/informationcenter](http://www.eere.energy.gov/informationcenter)*

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Energy Efficiency &  
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