

Idaho Industrial Resource Fact Sheet

Introduction

Idaho's economy is ranked 43rd in the nation in terms of 2008 gross domestic product (GDP), generating \$52.7 billion annually. Industrial manufacturing is an important sector of Idaho's economy, providing the state with 33,658 jobs and supplying \$9,643.0 million worth of goods — with food processing accounting for the bulk of the state's industrial activities. In 2006, Idaho's industrial sector ranked 41st in the nation in terms of energy expended, accounting for 184.2 trillion British thermal units (Btu). The state's industrial natural gas consumption totaled 24.6 trillion Btu, which was 38th in the nation. Moreover, the industrial sector accounted for approximately 3.833 million metric tons of carbon dioxide emissions, according to 2005 data.

Idaho is home to many types of energy intensive industries, such as food processing, mining, and pulp and paper. Consequently, Idaho's economy is much more energy intensive than a lot of other states. To combat this reality, utilities and nonprofits, along with the state government, have developed programs to assist the industrial sector in improving its energy efficiency and decreasing its carbon emissions. The Idaho Public Utilities Commission has been the driving force behind the utility energy-efficiency program, since it requires utilities to file and implement demand-side management plans. Idaho's legislative branch has also made an effort to promote energy efficiency and renewable energy. In an effort to encourage the continuation of a reliable, low-cost energy supply for future generations, Idaho's government published the *2007 Idaho Energy Plan*. This energy plan acknowledges that investments made in energy conservation and renewable energy will help achieve the state's energy-policy objectives. The plan recommends a variety of energy-tax incentives, regulatory actions, and utility energy-efficiency programs.



Government Resources

State Government: The State of Idaho offers its industrial sector low-interest loans on energysaving measures through the Idaho Office of Energy Resources. The state also offers this sector financing and tax exemptions for purchases of equipment used to generate renewable energy.

Utility Resources

Investor-Owned Utilities: Numerous investor-owned utilities (IOUs) throughout the State of Idaho provide incentives for businesses — including industrial — to become more energy efficient. For example, Idaho Power offers industrial customers a slew of incentives on energy-saving measures. Among the incentives made available to Idaho Power nonresidential customers are cash rebates on high-efficiency lighting, motors, HVAC systems, and a host of other electrical devices, as well as incentives given for employing green-building techniques. Another IOU that offers Idaho industry incentives is Avista Public Utilities. The utility supplies customers with incentive payments for purchasing energy-efficient lighting, motors, renewable-energy systems, and customized energy-saving measures, plus green-building incentives.

Other IOUs that reward industrial customers for saving energy are Rocky Mountain Power, Lower Valley Energy, and Intermountain Gas Company. Rocky Mountain Power offers incentives for implementing energy-efficient measures for new construction projects and a voluntarily peak-hour-demand reduction program. Lower Valley Energy provides industrial operations with rebates on efficient lighting, heat pumps, and solar-power installations. Intermountain Gas Company supplies their customers with rebates on the purchase of highefficiency furnaces.

Public Power Utilities: Idaho Falls Power offers low-interest loans to fund energy-saving measures, such as lighting and heat pumps. Commission—all offering an energy-audit program to their customers. JEA also provides incentive payments on solar-energy installations.

Electric Cooperatives: Within the State of Idaho, there are some electric cooperatives that provide industrial customers with energy-efficiency programs. For example, Kootenai Electric Cooperative gives cash rebates to industrial customers who purchase energy-efficient equipment. Similarly, Clearwater Power Company offers customers rebates on devices that conserve energy. Also, Fall River Rural Electric Cooperative supplies online energyassessment tools.

Regional Resources

Industrial Assessment Center (IAC): Oregon State University, with sponsorship from the U.S. Department of Energy (DOE), offers an Industrial Assessment Center. The center provides energy, waste, and productivity assessments at no-cost to small- and medium-sized manufacturers.

Clean Energy Regional Application Center: The Northwest Clean Energy Application Center provides assistance to organizations with CHP projects that are economically viable and make efficient use of energy. They offer software tools and information on CHP, such as case studies, policies and initiatives, as well as CHP events.

Nonprofit Organizations: The Northwest Energy Efficiency Alliance (NEEA) is a private nonprofit organization that promotes voluntary, market-based programs in the residential, commercial, and industrial sectors through its Northwest ENERGY STAR, BetterBricks, and industrial market-facing brands. In addition, NEEA focuses on developing new energy-efficient technologies and provides marketing and training resources across sectors.

Local Resources

Nonprofit Organizations: Several nonprofit organizations within Idaho are actively involved in improving energy efficiency within their respective communities. For example, Northwest Energy Education Institute provides energy-education opportunities to businesses in the Northwest. Likewise, the Industrial Efficiency Alliance supplies training programs to increase energy efficiency. In addition, both the Bonneville Environmental Foundation and the Northwest Solar Cooperative offer financial incentives for the production of clean energy.

Manufacturing Extension Partnership (MEP): Idaho TechHelp is mandated by the U.S. government and the State of Idaho to improve the competitiveness of Idaho manufacturers, food processors, and inventors by providing professional and technical assistance, training, and information.

For More Information

ITP State Activities Web site (Idaho), http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=ID

ITP State Incentives and Resources Database, http://www1.eere.energy.gov/industry/about/state_activities/incentive_search.asp

Energy Efficient Upgrades, <http://www.business.gov/expand/green-business/energy-efficiency/upgrades/office-equipment.html>

Idaho Office of Energy Resources, <http://www.energy.idaho.gov/financialassistance/lowinterestenergyloans.shtml>

Idaho Power, <http://www.idahopower.com/EnergyEfficiency/Business/Programs>

Idaho Falls Power, <http://www.ci.idaho-falls.id.us/main/index2.asp?PageId=566>

Idaho Energy Resources Authority, <http://www3.state.id.us/idstat/TOC/67089KTOC.html>

Northwest Solar Cooperative, <http://www.cascadesolar.com/greentagsfaq.htm>

Intermountain Gas Company, <http://www.intgas.com/infocenter/rebate.html>

Bonneville Environmental Foundation, <http://www.b-e-f.org/renewables/>

Rocky Mountain Power, <http://www.rockymountainpower.net/Homepage/Homepage75094.html>

Lower Valley Energy, <http://www.lvenergy.com/conservation.php>

Avista Public Utilities, http://www.avistautilities.com/business/rebates/washington_idaho/

Northwest Energy Education Institute, <http://www.nweei.org/emc.html>

Northwest Energy Efficiency Alliance, <http://www.nwalliance.org>

Kootenai Electric Cooperative, <http://www.kec.com/commercial.php>

Industrial Efficiency Alliance, <http://www.industrialefficiencyalliance.org/training.html>

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

Clear Water Power Company, <http://www.clearwaterpower.com/DrawOnePage.aspx?PageID=47>

Fall River Rural Electric Cooperative, https://touchstoneenergy.cooperative.com/public/programs/businessenergyadvisor/BEA_App.htm

Contacts

Industrial Assessment Centers (IACs) for Region

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Manufacturing Extension Partnership (MEPs) in Idaho

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Web site: <http://www.htdc.org/mep>

Source: <http://blue.nist.gov/centers/HI>

Northwest Clean Energy Application

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EERE Information Center

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www.eere.energy.gov/informationcenter