

South Dakota Industrial Resource Fact Sheet

Introduction

South Dakota's economy is ranked 48th in the nation in terms of 2008 gross domestic product (GDP), generating \$37 billion annually. The industrial manufacturing sector accounts for 38,217 jobs and \$5,422 million worth of goods. Based on total value of shipments, the largest manufacturing sectors in the state are food, machinery, and computer and electronic product manufacturing. In 2007, South Dakota's industrial sector ranked 46th in the nation in terms of energy expended, accounting for 74.8 trillion British thermal units (Btu), or 25.6 percent of statewide energy consumption. The state's industrial natural gas consumption tallied 21.3 trillion Btu, which was 41st in the nation that year. Moreover, the industrial sector in South Dakota accounted for approximately 16.3 million metric tons of carbon dioxide emissions in 2005.

There are multiple resources available throughout South Dakota that plant managers can consult for energy efficiency/renewable energy information or assistance in financing energy efficiency improvements/renewable energy projects in a facility. In particular, the state is encouraging utility companies to offer energy efficiency programs to customers. One such initiative is a voluntary program called the South Dakota Energy Smart Pledge, which all of the state's investor-owned energy providers have signed in order to pledge their support of improving energy efficiency in South Dakota.

State Programs

State Government: The South Dakota Department of Revenue and Regulation offers tax exemptions for energy-efficient and renewable energy equipment. Additionally, the South Dakota Public



Utilities Commission coordinates the South Dakota Energy Smart Program, which is a state-wide initiative designed to foster the development, implementation, and promotion of energy efficiency programs in South Dakota.

Utility Resources

Investor-Owned Utilities: National Grid offers energy efficiency rebate programs on equipment such as lighting, HVAC, motors, and air compressors. Additionally, the utility also offers energy audit programs, technical and financial assistance, and a load management program applicable to business customers that use more than 200 kilowatts (kW).

Public Power utilities: The Pascoag Utility District offers business customers free, in-depth energy audits, along with suggestions for improvements. Additionally, the utility offers energy-efficient equipment rebates, and links to other energy-saving resources, such as tax incentives.

Regional Resources

Nonprofit Organizations: ISO New England, a regional transmission organization, offers load management programs, online tools, and training.

Clean Energy Application Center: The Northeast CHP Application Center's mission is to provide Combined Heat and Power (CHP) application assistance, technology information, and educational support in the seven Northeast states, including Massachusetts.

Local Resources

Manufacturing Extension Partnerships: Rhode Island Manufacturing Extension Services provides energy efficiency improvement services to Rhode Island's small- and midsize manufacturers.

Industrial Assessment Centers: Though Rhode Island does not have an Industrial Assessment Center (IAC) within the state, its close proximity to the University of Massachusetts gives Rhode Island's manufacturers access to this federally sponsored program. The University of

INDUSTRIAL TECHNOLOGIES PROGRAM

Massachusetts IAC helps industrial manufacturers improve their cost- and energy-savings through no-cost energy assessments that identify ways for the manufacturers to reduce their energy consumption.

For More Information

DOE Industrial Technologies Program (<http://www1.eere.energy.gov/industry/index.html>)

ITP Save Energy Now (<http://www1.eere.energy.gov/industry/saveenergynow>)

ITP State Activities Web site – Rhode Island (http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=RI)

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

Public Utility Commissions (<http://www.ripuc.org/>)

Rhode Island Office of Energy Resources (<http://www.energy.ri.gov>)

Rhode Island Economic Development Corporation (<http://www.riedc.com>)

Pascoag Utility District (<http://pud-ri.org>)

National Grid (<http://www.nationalgridus.com>)

ISO New England (<http://www.iso-ne.com>)

Contacts

Industrial Assessment Center for Region

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Manufacturing Extension Partnership in Rhode Island

Rhode Island Manufacturing Extension Services

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Phone: (401) 294-3535
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E-mail: info@rimes.org
Web site: <http://www.rimes.org>
Source: <http://blue.nist.gov/centers/RI>

Clean Energy Application Center for Region

Northeast CHP Application Center

Director: Larry Ambs
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E-mail: ambs@ceere.org
Web site: <http://www.northeastchp.org/nac/index.htm>
Source: http://www.eere.energy.gov/de/chp/chp_applications/chp_application_centers.html

DOE Regional Contacts

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EERE Information Center

1-877-EERE-INF (1-877-337-3463)
www.eere.energy.gov/informationcenter