

Nevada Industrial Resource Fact Sheet

Introduction

Nevada's economy is ranked 31st in the nation in terms of 2008 gross domestic product (GDP), generating \$131 billion annually. Industrial manufacturing is an important sector of Nevada's economy, providing the state with 13,692 jobs and supplying \$3,798 million worth of goods. The largest manufacturing sectors in the state are non-metallic mineral manufacturing and food processing. In 2007, Nevada's industrial sector ranked 37th in the nation in terms of energy expended, accounting for 201.4 trillion British thermal units (Btu), or 25.9 percent of statewide energy consumption. The state's industrial natural gas consumption tallied 13.9 trillion Btu, which was the 45th most in the nation. Moreover, the industrial sector accounted for approximately 2.7 million metric tons of carbon dioxide emissions.

Nevada, along with other member states of the Western Governors Association, has set aggressive goals with regard to energy efficiency and renewable energy generation. In the very near future, Nevada expects to implement 30,000 megawatts (MW) of "clean and diversified energy" and achieve a 20 percent improvement in energy efficiency. For instance, the state government created a renewable portfolio standard as part of its utility restructuring legislation; this legislation was later revised to include standards regarding energy efficiency. To accomplish the state's energy goals, various resource providers have offered industrial manufacturers the opportunity to improve their energy efficiency and decrease overall carbon emissions. This has provided multiple resources that plant managers can consult for energy efficiency and/or renewable energy information, or assistance in financing energy efficiency improvements and/or renewable energy projects at their facilities.



State Programs

State Government: The State of Nevada awards tax credits to businesses that generate renewable energy sources, as well as property tax credits for Leadership in Energy and Environmental Design (LEED) certified buildings.

Utility Resources

Investor-Owned Utilities: NV Energy is an investor-owned utility that provides power for a large portion of Nevada residents. NV Energy offers a multitude of energy efficiency incentive programs, including cash incentives and rebates available for most commercial, industrial, and institutional customers to assist them with retrofit and equipment replacement energy conservation projects through the Sure Bet program. NV Energy also provides its industrial customers with energy audits and training opportunities, as well as a load management program. Another investor-owned utility that supplies its industrial customers with energy assessment tools is the Southwest Gas Corporation.

Regional Resources

Industrial Assessment Center: Though Nevada does not have an Industrial Assessment Center (IAC) within the state, its close proximity to three other states that feature IACs gives Nevada's manufacturers access to these federally sponsored programs. The Colorado State University, the Oregon State University, and the San Francisco State University IACs each provide small- to midsize manufacturers with no-cost energy assessments.

Clean Energy Application Center: The Pacific CHP Application Center works to reduce the perceived risks of Combined Heat and Power (CHP) by educating users, foster CHP as a viable technical and economic option for the participating region, and capitalize on existing regional CHP resources. The center offers a variety of services, such as site feasibility studies for CHP, online resources, and CHP reports.

Local Resources

Nonprofit Organizations: The Nevada Southwest Energy Partnership (NSWEP) states that its mission is to help create a new energy future for Nevada and the American Southwest. NSWEP provides an umbrella network to coordinate and centralize the partnership's technical projects and promote renewable energy technologies.

INDUSTRIAL TECHNOLOGIES PROGRAM

Manufacturing Extension Partnership: The Nevada Management Assistance Partnership (MEP) works directly with Nevada companies to strengthen their global competitiveness by providing information, decision support, and implementation assistance in adopting new, more advanced technologies, techniques, and best business practices.

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 - Nevada (http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=NV)

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>)

Nevada Taxation Department (<http://tax.state.nv.us/>)

NV Energy (<http://www.nvenergy.com/saveenergy/business/index.cfm>)

Nevada Southwest Energy Partnership (<http://www.nswep.org/>)

Southwest Gas Corporation (<http://www.swgas.com/commind/indust/index.php>)

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

U.S. DEPARTMENT OF
ENERGY | Energy Efficiency &
Renewable Energy

Contacts

Industrial Assessment Centers for Region
Colorado State University

Director: Dr. Douglas C. Hittle

Phone: (970) 491-8617

Fax: (970) 491-3827

E-mail: hittle@engr.colostate.edu

Colorado State University

Director: Dr. Douglas C. Hittle

Phone: (970) 491-8617

Fax: (970) 491-3827

E-mail: hittle@engr.colostate.edu

San Francisco State University

Director: Dr. Ahmad Ganji

Phone: (415) 338-7736

Fax: (415) 338-3086

E-mail: aganji@sfsu.edu

Manufacturing Extension Partnership in Nevada

Nevada Management Assistance Partnership

Director: Sandy Haslem, P.E.

Phone: (775) 784-1935

Fax: (775) 327-2266

E-mail: shaslem@mapnv.com

Web site: <http://www.mapnv.com>

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

Clean Energy Application Center for Region

Pacific CHP Applications Center

Director: Tim Lipman

Phone: (510) 642-4501

E-mail: telipman@berkeley.edu

Web site: <http://www.chpcenterpr.org/>

Source: http://www.eere.energy.gov/de/chp/chp_applications/chp_application_centers.html

DOE Regional Contact

Christine Carter, Business Project Specialist

Phone: (303) 275-4755

E-mail: christine.carter@go.doe.gov

Source: <http://www.eere.energy.gov/industry/about/contacts.html>

State Energy Office Contacts

Jim Groth

755 North Roop Street

Suite 202

Carson City, NV 89701

Phone: (775) 687-1850 / 7302

Fax: (775) 687-1869