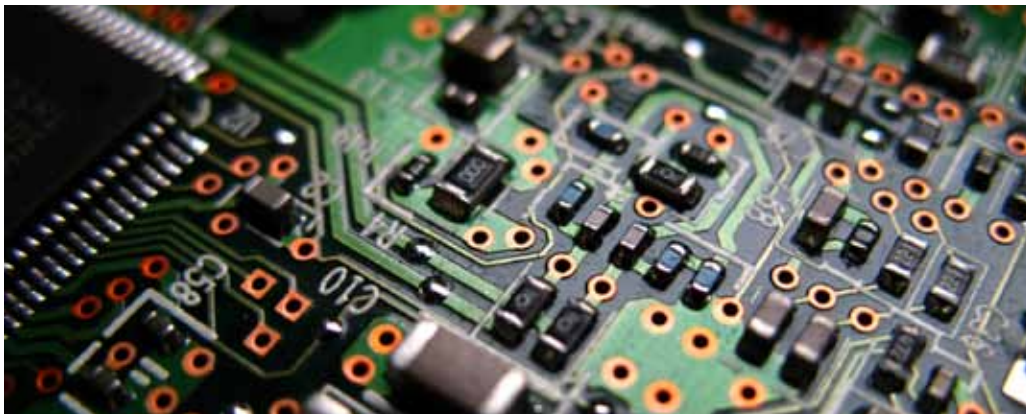


## New Hampshire Industrial Resource Fact Sheet

### Introduction

The industrial manufacturing sector accounts for 11 percent of New Hampshire's gross domestic product (GDP) and provides 74,517 jobs, or 10.2 percent of the state's total civilian labor force. Based on total value of shipments, New Hampshire's leading industries include computer and electronic product manufacturing, machinery manufacturing, and fabricated metal product manufacturing. Local industry ranked 48th in the United States in terms of energy expended, accounting for 44.6 trillion British thermal units (Btu) in 2007, or 14.2 percent of all energy consumed in the state. In addition, industrial natural gas consumption totaled 6.4 trillion Btu, ranking it 47th in the nation. Finally, the industrial sector accounted for approximately 1 million metric tons of carbon dioxide emissions in 2005.

Though New Hampshire's energy consumption is relatively low compared to the rest of the nation, the state recognizes that its industrial manufacturing facilities could consume energy more effectively. In 2002, the New Hampshire government created a comprehensive 10-year energy plan to help reduce energy consumption throughout the state. In order to achieve its energy goals, New Hampshire legislators created energy-related legislation and set forth plans to develop new agencies to implement specific state legislative initiatives. For instance, the *Restructuring Act*, RSA 374-F:3 X, prompted electric utilities to offer a variety of energy efficiency programs for both residential and commercial/industrial customers. In addition, the Sustainable Energy Division was created in 2008 to assist the Public Utilities Commission in implementing specific state legislative initiatives, such as the ones mentioned above. Additionally, the Sustainable Energy Division has helped



to administrate the Renewable Energy Fund and the Greenhouse Gas Emissions Reduction Fund, which support energy efficiency and renewable energy projects and initiatives in New Hampshire.

### State Programs

*State Government:* The New Hampshire Office of Energy and Planning (OEP) offers energy efficiency education, training, and technical assistance to businesses. Additionally, OEP provides other energy-related resources, such as information on New Hampshire energy efficiency and renewable energy programs. Another state agency, the New Hampshire Business Resource Center, offers loans for the purchase of structural and equipment improvements that increase energy efficiency, along with other business resources to enhance the economic activities of industry in the state.

### Utility Resources

*Investor-Owned Utilities:* National Grid offers financial incentives for industrial customers who install energy-efficient equipment. This investor-owned utility (IOU) provides technical assistance and energy audits. Additionally, Northern Utilities offers an energy audit program and rebates for energy-efficient equipment. Furthermore, Public Service of New Hampshire offers energy efficient improvement grants and rebates to facilities, online energy management tools, training, and technical assistance. Finally, Unitil provides technical assistance to industrial customers.

*Public Power Utilities:* Littleton Light & Power offers industrial customers free electrical energy audits and power quality monitoring.

*Electric Cooperatives:* New Hampshire Electric Co-Op offers financial incentives to business customers to increase the energy efficiency of their facilities. The cooperative also provides energy audits.

## Regional Resources

*Industrial Assessment Center:* New Hampshire does not have an Industrial Assessment Center (IAC) within the state, but it shares a close proximity to the Massachusetts IAC at the University of Massachusetts. New Hampshire's small- and midsize manufacturers can receive no-cost energy assessment from the University of Massachusetts IAC.

*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 seven Northeast states, including New Hampshire.

## Local Resources

*Manufacturing Extension Partnership:* The New Hampshire Manufacturing Extension Partnership (MEP) works to assist industry by offering services including enterprise management, performance-based training, supply chain management, and innovation programs.

## 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 –New Hampshire ([http://www1.eere.energy.gov/industry/about/state\\_activities/map\\_new.asp?stid=NH](http://www1.eere.energy.gov/industry/about/state_activities/map_new.asp?stid=NH))

ITP State Incentives and Resources Database ([http://www1.eere.energy.gov/industry/about/state\\_activities/incentive\\_search.asp](http://www1.eere.energy.gov/industry/about/state_activities/incentive_search.asp))

New Hampshire Office of Energy and Planning (<http://www.nh.gov/oep/index.htm>)

New Hampshire Public Utilities Commission (<http://www.puc.state.nh.us/Electric/electric.htm>)

NH Business Resource Center (<http://www.nheconomy.com>)

Littleton Light & Power (<http://www.littletonwaterandlight.org>)

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

NH Electric Co-Op (<http://www.nhec.com>)

New Hampshire Manufacturing Extension Partnership (<http://www.nhmep.org>)

Northern Utilities (<http://www.northernutilities.com>)

Public Service of New Hampshire (<http://www.psnh.com>)

Unitil (<http://services.unitil.com>)

## Contacts

*Industrial Assessment Centers for Region*  
University of Massachusetts  
Director: Dr. Beka Kosanovic  
Phone: (413) 545-0684  
E-mail: [kosanovi@ecs.umass.edu](mailto:kosanovi@ecs.umass.edu)

*Manufacturing Extension Partnership in New Hampshire*  
New Hampshire Manufacturing Extension Partnership  
Director: Zenagui Brahim  
Phone: (603) 226-3200  
Fax: (603) 226-4132  
E-mail: [zenagui\\_brahim@merrimack.edu](mailto:zenagui_brahim@merrimack.edu)  
Web site: <http://www.nhmep.org/>  
Source: <http://blue.nist.gov/centers/NH>

*Clean Energy Application Center for Region*  
Northeast CHP Application Center  
Director: Larry Ambbs  
Phone: (413) 545-2539  
E-mail: [ambbs@ceere.org](mailto:ambbs@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](http://www.eere.energy.gov/de/chp/chp_applications/chp_application_centers.html)

### *DOE Regional Contacts*

Sandy Glatt  
Project Manager State and Utility Partnerships  
(303) 275-4857  
E-mail: [sandy.glatt@go.doe.gov](mailto:sandy.glatt@go.doe.gov)

Brian Olsen  
303-275-4834  
Energy Project Specialist  
E-mail: [brian.olsen@go.doe.gov](mailto:brian.olsen@go.doe.gov)  
Source: <http://www.eere.energy.gov/industry/about/contacts.html>

### *State Energy Office Contacts*

NH Office of Energy and Planning  
Jack Ruderman, Deputy Director  
57 Regional Drive  
Suite 3  
Concord, NH  
Phone: (603) 271-6092  
Fax: (603) 271-2615

Amy Ignatius, Director  
NH Office of Energy and Planning  
4 Chenell Drive  
Concord, NH 03301-8501  
Telephone: (603) 271-2155  
Fax: 603-271-2615  
E-mail: [amy.ignatius@nh.gov](mailto:amy.ignatius@nh.gov)  
Web site: <http://www.nh.gov/oep/index.htm>

### **EERE Information Center**

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