

## Wisconsin Industrial Resource Fact Sheet

### Introduction

Wisconsin's economy is ranked 21st in the nation in terms of 2008 gross domestic product (GDP), generating \$240.4 billion annually. The industrial manufacturing sector accounts for 471,262 jobs and \$59,033 million in shipments. Based on total value of shipments, the largest manufacturing sectors in the state are food processing, transportation equipment manufacturing, machinery manufacturing, and paper manufacturing. In 2007, Wisconsin's industrial sector ranked 14th in the nation in terms of energy expended, accounting for 623.5 trillion British thermal units (Btu), or 33.8 percent of statewide energy consumption. The state's industrial natural gas consumption tallied 122.8 trillion Btu, which was 15th in the nation that year. Moreover, the industrial sector in Wisconsin accounted for approximately 14.5 million metric tons of carbon dioxide emissions based on 2005 data.

Governor Jim Doyle presented a document, *Clean Energy Wisconsin: a Plan for Energy Independence*, in which he recognized that energy efficiency would lead to lower energy costs and reduced greenhouse gas emissions. He predicted that energy efficiency, coupled with renewable energy generation, would help create more industrial manufacturing jobs in the state. In the interim, there are several utility and government programs aimed at increasing energy efficiency; one such initiative is Focus on Energy, a program that is funded through ratepayer dollars that offers commercial and industrial businesses a variety of tools, resources, and services to help reduce energy consumption and improve energy efficiency.



### State Programs

*State Government:* The Wisconsin Department of Commerce offers funds for clean energy technologies and renewable energy financing workshops. Wisconsin's Focus on Energy, a state financial assistance program, provides industrial businesses with technical expertise, training, and financial incentives to help implement energy efficiency projects.

### Utility Resources

*Investor-Owned Utilities:* We Energies offers financial incentives for energy efficiency projects and equipment upgrades, while Xcel Energy provides an online tool to help customers measure and analyze energy consumption. Madison Gas and Electric also offers loan and energy assessment programs.

*Public Power utilities:* WPPI Energy, a regional power company serving 51 customer-owned electric utilities, offers grants to industrial and commercial customers that are seeking to make their facilities more energy efficient. However, individual utilities that are part of the organization also offer industrial customers energy audits and financial incentives for energy efficient equipment upgrades. A complete list of WPPI Energy members is listed under the "For More Information" section.

*Electric Cooperatives:* Wisconsin has many cooperatives that offer energy efficiency and renewable energy resources for industrial customers. The chart below demonstrates the program offerings from the various cooperatives.

### Regional Resources

*Nonprofit Organizations:* The Midwest Energy Efficiency Alliance is a collaborative network tasked at advancing energy efficiency in the Midwest to support sustainable economic development and environmental preservation.

*Industrial Assessment Centers:* Though there are no industrial assessment centers (IACs) within the state, Wisconsin manufacturers can utilize the University of Illinois at Chicago IAC, which offers no-cost energy assessment.

## INDUSTRIAL TECHNOLOGIES PROGRAM

*Clean Energy Application Center:* The Midwest CHP Application Center works to develop technology application knowledge and the educational infrastructure necessary to foster Combined Heat and Power (CHP) as a viable technical and financial energy/environmental option in the Midwest and reduce any perceived risks associated with CHP implementation.

### Local Resources

*Industrial Efficiency Centers:* The Energy Center of Wisconsin offers industrial customers education and training programs on industrial efficiency, along with online energy management tools and technical assistance.

*Manufacturing Extension Partnerships:* The Northwest Wisconsin Manufacturing Outreach Center and the Wisconsin Manufacturing Extension Partnership both work to improve the profitability and productivity of Wisconsin manufacturers by providing technical and business assistance, such as lean manufacturing strategic planning and manufacturing workshops.

### For More Information

DOE Industrial Technologies Program (ITP)

ITP Save Energy Now

ITP State Activities Web site – Wisconsin ([http://www1.eere.energy.gov/industry/states/state\\_activities/map\\_new.asp?stid=WI](http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=WI))

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))

State of Wisconsin Department of Administration – Division of Energy Services (<http://www.revenue.wi.gov>)

Wisconsin Department of Commerce (<http://commerce.wi.gov/BD/BD-WEIF.html>)

Focus on Energy (<http://www.wifocusonenergy.com>)

Energy Center of Wisconsin (<http://www.ecw.org/>)

Adams-Columbia Electric Cooperative (<http://www.acecwi.com>)

Algoma Utilities\* (<http://www.algomacity.org>)

Alliant Energy (<http://alliantenergy.com>)

Barron Electric Cooperative (<http://www.barronelectric.com>)

Bayfield Electric Cooperative (<http://www.bayfieldelectric.com>)

Boscobel Utilities\* (<http://boscobelwisconsin.com>)

NAME OF UTILITY	ENERGY AUDITS	LOAD MANAGEMENT	LOANS	PRODUCTION INCENTIVE	REBATES
Adams-Columbia Electric Cooperative		X			
Alliant Energy			X		
Barron Electric Cooperative	X	X	X		X
Bayfield Electric Cooperative					
Central Wisconsin Electric Cooperative					
Chippewa Valley Electric Cooperative	X		X		
Clark Electric Cooperative					X
Dunn Energy Cooperative	X	X		X	X
Eau Claire Energy Cooperative		X			X
Jackson Electric Cooperative					X
Jump River Electric Cooperative	X				X
Madison Gas and Electric	X		X		
Oconto Electric Cooperative		X			
Pierce Peppin Cooperative Services		X			X
Polk Burnett Energy Cooperative	X			X	X
Price Electric Cooperative					X
Riverland Energy Cooperative					X
Scenic Rivers Energy Cooperative					X
St. Croix Electric Cooperative				X	X
Vernon Electrical Cooperative	X				

Cedarburg Light & Water Utility\* (<http://www.cedarburglightandwater.com/>)  
Central Wisconsin Electric Cooperative (<http://www.cwecoop.com>)  
Chippewa Valley Electric Cooperative (<http://www.cvecoop.com>)  
Clark Electric Cooperative (<http://www.cecoop.com>)  
Dunn Energy Cooperative (<http://www.dunnenergy.com>)  
Eau Claire Energy Cooperative (<http://www.ecec.com>)  
Jackson Electric Cooperative (<http://www.jackelec.com>)  
Jefferson Utilities\* (<http://www.jeffersonutilities.com/>)  
Jump River Electric Cooperative (<http://www.jrec.net>)  
Juneau Utilities\* (<http://www.juneauutility.com>)  
Kaukauna Utilities\* (<http://www.kaukaunautilities.com>)  
Madison Gas and Electric (<http://www.mge.com>)  
Marshfield Utilities\* (<http://marshfieldutilities.org>)  
Menasha Utilities\* (<http://www.menashautilities.com>)  
Midwest Energy Efficiency Alliance (<http://www.mwalliance.org/>)  
New Glarus Light and Water\* (<http://www.newglarusvillage.com>)  
New Holstein Utilities\* (<http://www.nhutilities.org>)  
New Richmond Utilities\* (<http://www.newrichmondutilities.com>)  
Oconomowoc Utilities\* (<http://www.oconomowocutilities.com>)  
Oconto Electric Cooperative (<http://www.ocontoelectric.com>)  
Pierce Peppin Cooperative Services (<http://www.piercepeppin.com>)  
Plymouth Utilities\* (<http://www.plymouthutilities.com>)  
Polk-Burnett Energy Cooperative (<http://www.polkburnett.com>)  
Price Electric Cooperative (<http://www.price-electric.com>)  
Reedsburg Utility Commission\* (<http://www.reedsburgutility.com>)  
River Falls Municipal Utilities\* (<http://www.rfmu.org>)  
Riverland Energy Cooperative (<http://www.riverlandenergy.com>)  
Scenic Rivers Energy Cooperative (<http://www.scenicriversenergy.com>)  
St. Croix Electric Cooperative (<http://scecnet.net>)  
Stoughton Utilities\* (<http://www.stoughtonutilities.com>)  
Sturgeon Bay Utilities\* (<http://www.sbunet.com>)  
Sun Prairie Water and Light\* (<http://www.spwl.net>)  
Two Rivers Water and Light\* (<http://www.trwaterandlight.com>)  
Vernon Electrical Cooperative (<http://www.vernonelectric.org>)  
Waupun Utilities\* (<http://www.waunakeeutilities.com>)  
We Energies ([http://www.we-energies.com/business\\_new/index.htm](http://www.we-energies.com/business_new/index.htm))  
WPPI Energy (<http://www.wppienergy.org/>)  
Xcel Energy (<http://www.xcelenergy.com>)

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Utilities designated with an asterisk (\*) are WPPI Energy members.

## Contacts

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

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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)

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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)

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