

Indiana Industrial Resource Fact Sheet

Introduction

Indiana's economy is ranked 18th in the nation in terms of 2008 gross domestic product (GDP), generating \$255 billion annually. Industrial manufacturing is a vital sector of Indiana's economy because it provides the state with 198,904 jobs and supplies \$105,420 million worth of goods. Based on value of shipments, the largest manufacturing sectors in the state are transportation equipment and primary metal manufacturing. In 2007, Indiana's industrial sector ranked 54th in the nation in terms of energy expended, accounting for 1,345.8 trillion British thermal units (Btu) or 46.3 percent of all energy consumed in the state that year. The state's industrial natural gas consumption totaled 279.1 trillion Btu, which was 6th in the nation that year. Moreover, the industrial sector accounted for approximately 54.4 million metric tons of carbon dioxide emissions.

Indiana's industrial manufacturers are provided great opportunities to improve their energy efficiency and decrease their carbon emissions. State leaders formulated the *Hoosier Homegrown Energy Plan*, which recognized the importance of industry; particularly the role industry can play in energy efficiency and keeping manufacturing jobs in Indiana. In the energy plan, state leaders identified the need to expand energy-efficiency efforts, such as strengthening the energy efficiency culture in Indiana's energy-intensive manufacturing sector by increasing support for Purdue University's Technical Assistance Program (TAP) and the Clean Manufacturing Technology and Safe Materials Institute. Moreover, additional resources are made available throughout the state that plant managers can consult for assistance in financing energy-efficiency improvements and/or renewable-energy projects at their facilities.



State Programs

State Government: The State of Indiana offers incentive programs for industrial operations to save energy and reduce carbon emissions. The state, through the Office of Energy Development, provides tools for businesses to save energy, such as guidelines for energy management and financial incentives like tax credits and grants that promote renewable-energy generation. Similarly, the Indiana Clean Energy Credit Program rewards businesses that purchase and operate renewable-energy installations with tax credits. Moreover, Indiana Economic Development Corporation (IEDC) provides multiple resources for manufacturers, including *Indiana's Advanced Manufacturing Initiative*, which works to create awareness of Indiana's advanced manufacturing resources and facilitates access to public resources. Additionally, IEDC offers financial incentives like the *Industrial Development Grant Fund*, which provides money to local governments for off-site infrastructure projects associated with an expansion of an existing Indiana company or the location of a new facility in Indiana, along with *Tax-exempt Bonds*, and the *Loan Guaranty Program*, which are offered to businesses that create or retain a significant number of jobs. IEDC also offers the *Industrial Recovery Tax Credit* to encourage companies to invest in facilities requiring significant rehabilitation or remodeling expenses, and the *Economic Development for a Growing Economy Tax Credit*, which is a refundable tax-credit program that rewards companies creating jobs and contributing to the growth of Indiana's economy.

Utility Resources

Investor-Owned Utilities: Several investor-owned utilities (IOUs) offer programs to assist Indiana industrial operations in becoming more energy efficient. For example, Duke Energy offers its industrial customers cash incentives on energy-efficient equipment, along with a plethora of energy-assessment and analysis tools. Vectren Energy Delivery of Indiana is another IOU that rewards industrial customers that seek to save energy with incentive programs. Programs include a no-cost commercial energy audit and a variety of rebates on the purchase and installation of energy-efficient devices. Likewise, Citizen Gas, a member of the Citizen Energy Group, provides commercial and industrial customers with energy assessments and rebates on equipment that save natural gas.

Electric Cooperatives: There are numerous rural electric membership corporations (REMC) throughout the state that offer industrial customer's energy-efficiency incentives. The lion-share of these programs involves cash rebates for water heaters or heat pumps. The REMCs offering incentives on water heaters include Carroll County, Jay County, Johnson County, LaGrange County, Miami-Cass, Northeastern, Parke County, Rush Shelby Energy, and West-

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ern Indiana Energy, Bartholomew County, Jay County, Johnson County, South Central Indiana, Tipmont, Western Indiana Energy, and White County are REMCs that offer payment incentives on purchases of energy-saving heat pumps. Other programs offered by REMCs include Jasper County’s and Dubois’ geothermal-heating rebate program, Daviess-Martin County’s electric-storage rebate program, and energy-audit programs offered by Clark County, Fulton County, and Marshall County. Moreover, Central Indiana Power offers a comprehensive portfolio for industrial energy efficiency, including rebates on energy-saving heat pumps, water heaters, and an energy-audit program.

Regional Resources

Nonprofit Organizations: The Midwest Energy Efficiency Alliance is a collaborative network that promotes the advancement of energy efficiency in the Midwest to support sustainable economic development and environmental preservation.

Industrial Assessment Centers: While Indiana does not have an Industrial Assessment Center (IAC) within the state, it shares a close proximity with four other state centers—Bradley University, the University of Illinois at Chicago, the University of Dayton, and the University of Michigan. These IACs all provide manufacturers with no-cost energy assessments.

Clean Energy Application Center: The Midwest Clean Energy Application Center works to develop technology-application knowledge and the educational infrastructure necessary to foster Combined Heat and Power.

Local Resources

Nonprofit Organizations: Ball State University offers a program called *Building Better Communities* that offers technical and business assistance, such as grant writing and providing information on financial incentives. In addition, TechPoint promotes technology-based enterprise and economic development through lobbying and government advocacy, educational and networking programs, and strategic economic development initiatives. Furthermore, the Clean Manufacturing Technology Institute provides technical assistance, outreach, education, planning services, and research to facilitate the adoption of pollution prevention and clean-manufacturing strategies by industry in the state. Another organization, Conexus Indiana, is dedicated to making Indiana a global leader in the advanced high-growth, high-tech manufacturing industries. In order to help the industrial sector, the organization offers free *Manufacturing Connection* events, and partners with industry and government to study supply chain needs, education requirements, and to promote the benefits of working in the industrial manufacturing sector.

Manufacturing Extension Partnership: The Purdue University Technical Assistance Program provides Indiana manufacturers technical and business resources that are receptive to expanding their capabilities and increasing their profitability.

NAME OF COOPERATIVE	ENERGY AUDITS	REBATES
Bartholomew County		X
Carroll County		X
Central Indiana Power	X	X
Clark County	X	
Daviess-Martin County		X
Dubois		X
Fulton County	X	
Jasper County		X
Jay County		X
Johnson County		X
LaGrange County		X
Marshall County	X	
Miami-Cass		X
Northeastern		X
Parke County		X
Rush Shelby Energy		X
South Central Indiana		X
Tipmont		X
Western Indiana Energy		X
White County		

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

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

Indiana Economic Development Corporation (<http://www.in.gov/iedc/services.htm>)

Indiana Dept. of Environmental Management (<http://www.in.gov/idem/energycredit/index.html>)

Indiana Office of Energy and Defense Development Renewables and Efficiency (<http://www.in.gov/ood/2379.htm>)

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

Clean Manufacturing Technology Institute (<https://engineering.purdue.edu/CMTI/>)

Duke Energy (<http://www.duke-energy.com/indiana-business/energy-management/energy-efficiency-incentives.asp>)

South Central Indiana REMC (<http://www.sciremc.com/incentiveprograms.aspx>)

Tipmont REMC (<http://www.tipmont.org/Services/rebates.htm>)

Vectren Energy Delivery of Indiana (https://www.vectrenenergy.com/web/enablement/learn_about/conservation/conservation_i.jsp)

Western Indiana Energy REMC (<http://www.winenergyremc.com/rebates.html>)

Dubois Rural Electric Cooperative (<http://www.duboisrec.com/ETS.html>)

White County REMC (http://www.whitecountyremc.com/index.php?option=com_content&task=view&id=45&Itemid=77)

Building Better Communities (<http://cms.bsu.edu/About/AdministrativeOffices/BBC/>)

Bartholomew County REMC (<http://www.bcremc.com/program.html>)

Citizens Gas (<http://www.citizensgas.com/forhomes/appliancerebates.html>)

Fulton County REMC (<http://fultoncountyremc.coop/billing.htm>)

Carroll County REMC (<http://www.carrollcountyremc.com/index.php?page=services>)

Central Indiana Power (<http://www.cipower.com/products.aspx?id=16>)

Clark County REMC (http://www.theremc.com/your_business.html)

Conexus Indiana (<http://www.conexusindiana.com>)

Daviess-Martin County REMC (<http://www.dmremc.com/rebates.html>)

Johnson County REMC (<http://www.jcremc.com/modules.php?name=Content&pa=showpage&pid=5>)

Northeastern REMC (http://www.nremc.com/ps_waterheater.shtml)

Parke County REMC (<http://www.pcremc.com/waterheater.aspx>)

Purdue Technical Assistance Program (<http://www.indianamep.org>)

LaGrange County REMC (<http://www.lagrangeremc.com/products.html#water>)

Jay County REMC (<http://www.jayremc.com/waterheater-rebate.htm>)

Miami-Cass REMC (<http://www.mcremc.coop/default1.asp?pi=40>)

Jasper County REMC (http://www.jasperremc.com/InquiryHome_JCO.nsf/Geothermal?OpenForm)

Marshall County (<http://www.marshallcoremc.com/servprod/index.htm>)

Rush Shelby Energy (<http://www.rse.coop/geothermal.html>)

TechPoint (<http://www.techpoint.org/Pages/TechpointHome.aspx>)

EERE Information Center

1-877-EERE-INF (1-877-337-3463)

www.eere.energy.gov/informationcenter



Energy Efficiency &
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Contacts

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Manufacturing Extension Partnership in Indiana

Purdue Technical Assistance Program

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

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

Regional Clean Energy Application Center

Midwest CHP Applications Center

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

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

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