

## Mississippi Industrial Resource Fact Sheet

### Introduction

Mississippi's economy is ranked 36th in the nation in terms of 2008 gross domestic product (GDP), generating \$91.7 billion annually. Industrial manufacturing is an important sector of Mississippi's economy, providing the state with 49,451 jobs and supplying \$24,994 million worth of goods. The largest manufacturing sectors in the state are petroleum and transportation equipment manufacturing. In 2007, Mississippi's industrial sector ranked 24th in the nation in terms of energy expended, accounting for 454.1 trillion Btu, or 36.6 percent of the state's total consumption. The state's industrial natural gas consumption totaled 114.1 trillion Btu, which was 18th in the nation. Furthermore, the industrial sector accounted for approximately 9.77 million metric tons of carbon dioxide emissions, or 40.0 percent of all carbon emissions in the state.

Although Mississippi has substantial energy resources from oil and gas, electricity has to be imported from neighboring states in order to satisfy consumer demand. Additionally, Mississippi's economy is vulnerable to hurricanes. To reduce its vulnerability and reliance on other states, Mississippi has worked to promote energy efficiency and renewable energy. The state government was particularly proactive in 1992, creating policies and legislation related to energy. For instance, the *Mississippi Energy Plan Amendment* was enacted to encourage the creation of a state energy plan. Additionally, the Mississippi government passed the *Energy Development Fund*, creating low-interest loans for renewable-energy and energy-efficiency projects. Additional resources that are available throughout the state are listed below.



### Government Resources

*State Government:* The Energy Division—under the Mississippi Development Authority (MDA)—offers projects and services that accelerate the deployment of energy-efficiency and renewable-energy technologies, such as energy audits. Furthermore, the MDA Energy Division offers low-interest loans to businesses for projects that increase the energy efficiency of their buildings, equipment, or processes. Additionally, through the Industrial Technology Program (IOF), the Energy Division offers a variety of services designed to assist Mississippi's industrial and commercial sectors become more competitive through energy-efficiency improvement. The IOF enables Mississippi to develop partnerships that mobilize industries and other stakeholders, in addition to improving energy efficiency through best practices, energy assessments, and collaborative research and development.

### Utility Resources

*Power Administration:* Tennessee Valley Authority (TVA) provides support, technology, expertise, and financial resources to existing businesses and industries that help them grow to be more efficient and profitable. These resources include technical assistance, low-interest loans, and other tools businesses need for successful operation. Additionally, TVA rewards customers that install renewable-energy systems by purchasing the power generated from those installations at a premium rate.

*Investor-Owned Utilities:* Multiple investor-owned utilities (IOUs) in the state of Mississippi offer industrial customers incentive programs to encourage energy-efficiency efforts. IOUs, such as Mississippi Power and Entergy Mississippi offer energy-efficiency programs that provide free-of-cost energy audits and energy-analysis tools, respectively, to help industrial customers identify energy-efficiency opportunities.

*Public Power Utilities:* Tupelo Water and Light, a public power utility, provides an assortment of energy assessment and analysis tools to its industrial customers.

*Electric Cooperatives:* Multiple electric cooperatives across the state of Mississippi provide industrial operations with incentives to implement energy-saving measures. For instance, Coast Electric Power Association offers industrial customers a raft of energy-efficiency programs. Programs include cash rebates on cooking equipment, heat pumps, water heaters, and financial incentives for switching from gas to electric equipment, as well as energy audits and analysis tools. Water heater rebates are also offered by Alcorn County Electric

## INDUSTRIAL TECHNOLOGIES PROGRAM

Power Association, Central Electric Power Association, and North East Mississippi Power Association. Other programs provided by electric cooperatives include 4-County Electric Power Association's sunscreen program and East Mississippi Electric Power Association's energy-audit program.

### Regional Resources

*Nonprofit:* The Southeast Energy Efficiency Alliance's (SEEA) mission is to promote and achieve energy efficiency in the Southeast through networking, program activities, and education.

### Local Resources

*City/Town Government:* The City of Jackson is offering grants of up to \$20,000 for making buildings more energy efficient.

*Industrial Assessment Center (IAC):* Mississippi State University and the University of Louisiana Lafayette offer Industrial Assessment Centers that provide no-cost energy assessments to small- and medium-sized manufacturers.

*Manufacturing Extension Partnership (MEP):* The Mississippi Technology Alliance works with partner organizations to provide expertise and services tailored to the most critical needs of area manufacturers, which range from process improvements and worker training to business practices and applications of information technology.

*Combined Heat and Power Center (CHP):* The Southeast Combined Heat and Power (CHP) Application Center provides application assistance, technology information, and the educational support necessary to promote CHP.

### For More Information

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

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

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

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)

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

Mississippi Development Authority, <http://www.mississippi.org/index.php?id=340>

Alcorn County Electric Power Association, <http://www.ace-power.com/Programspagegreen.html>

Central Electric Power Association, <http://www.centralepa.com/ms.htm>

City of Jackson, <http://www.jacksonms.gov/government/planning/storefrontfacadegrants>

Coast Electric Power Association, <http://www.coastepa.com/comaudit.aspx>

East Mississippi Electric Power Association, [http://www.emepa.com/member\\_services/energy\\_audits/](http://www.emepa.com/member_services/energy_audits/)

Entergy Mississippi, [http://entergy.apogee.net/comcalc/Entergy\\_Mississippi.asp](http://entergy.apogee.net/comcalc/Entergy_Mississippi.asp)

Mississippi Power, [http://www.mississippipower.com/earthcents/ec\\_business.asp](http://www.mississippipower.com/earthcents/ec_business.asp)

North East Mississippi Power Association, [http://www.northeastpower.org/special\\_offer.php](http://www.northeastpower.org/special_offer.php)

SEEA, <http://www.seealliance.org>

Tennessee Valley Authority, <http://www.gpsgenpartners.com/>

Tupelo Water and Light, <http://www.ci.tupelo.ms.us/water-light/CSP.htm>

4-County Electric Power Association, <http://www.4county.org/>

### Contacts

#### *Industrial Assessment Centers (IACs) for Region*

Mississippi State University

Director: Dr. B.K. Hodge

Phone: (662) 325-7315

Fax: (662) 325-7223

E-mail: [hodge@me.msstate.edu](mailto:hodge@me.msstate.edu)

Web site: <http://www.me.msstate.edu/IAC/iac.html>

#### *University of Louisiana Lafayette*

Director: Dr. Theodore Kozman

Phone: (337) 482-5717

E-mail: [tak1485@louisiana.edu](mailto:tak1485@louisiana.edu)

Web site: <http://itec.louisiana.edu/iac/>

#### *Manufacturing Extension Partnership (MEPs) in Mississippi*

Mississippi Technology Alliance

Director: Dr. John J. Tice IV

Phone: (601) 960-3616

Fax: (601) 960-3605

E-mail: [jtice@technologyalliance.ms](mailto:jtice@technologyalliance.ms)

Web site: <http://www.mep.ms>

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

#### *Regional Clean Energy Application Center Southeast CHP Application Center*

Director: Louay Chamra

Phone: (662) 325-0618

E-mail: [chamra@me.msstate.edu](mailto:chamra@me.msstate.edu)

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

Source: [http://www.eere.energy.gov/de/chp/chp\\_applications/chp\\_application\\_centers.htm/](http://www.eere.energy.gov/de/chp/chp_applications/chp_application_centers.htm/)

#### *DOE Regional Contact*

Debbie Weems

Phone: (303) 275-4957

E-mail: [Debbie.weems@go.doe.gov](mailto:Debbie.weems@go.doe.gov)

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

#### *State Energy Office Contact*

Floyd Daniels

Bureau Manager, Energy Division

P.O. Box 849

Jackson, MS 39205

Phone: (601) 359-6606

Fax: (601) 359-6642

#### **EERE Information Center**

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

[www.eere.energy.gov/informationcenter](http://www.eere.energy.gov/informationcenter)