

Electronic Handbook of Industrial Resources

LOUISIANA



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Introduction

This resource provides a comprehensive listing of incentives, tools, and resources for industrial manufacturing energy efficiency in the state of Louisiana. It is organized according to industrial system and features information on rebates, waived fees, tax credits, loans and other resources such as analysis tools, education and training programs, and energy assessments. It is based on data available in the *States Incentives and Resources Database*, maintained by the U.S. Department of Energy's (DOE) Industrial Technologies Program (ITP).

The *States Incentives and Resources Database* is a comprehensive searchable online database of approximately 3,100 energy efficiency incentives organized by state. The database is updated regularly and is accessible via the *Save Energy Now* State and Regional Partnerships' Web site:

http://www1.eere.energy.gov/industry/states/state_activities/incentive_search.aspx



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State Industrial Overview

Louisiana has a total of 4.5 million residents and ranks 23rd in the nation in terms of GDP, which is \$222.2 billion. The state is home to three Fortune 500 companies. In 2008, Louisiana ranked 2nd in the nation's industrial energy consumption at 2,204.0 trillion Btu and 2nd in the nation's industrial natural gas consumption at 998.2 trillion Btu.¹

Louisiana is the fourth largest producer of crude oil in the United States. Texas also has the largest liquefied natural gas terminal at Sabine, as well as the Henry Hub, which is the largest point for natural gas spot and futures trading in the United States.²

Exhibit 1 below compares the industrial energy consumption in Louisiana in relation to the national average. The chart in Exhibit 2 is a visual representation of the same data.

Exhibit 1: Total Industrial Energy Consumption Statistics in Louisiana

Year	Louisiana Energy Consumption (Trillion Btu)	National Average (Trillion Btu)
2000	2,463.7	680.2
2001	2,336.4	642.8
2002	2,419.1	642.0
2003	2,258.5	639.6
2004	2,387.5	658.7
2005	2,253.2	696.7
2006	2,415.6	636.6
2007	2,401.8	637.0
2008	2,204.0	614.8

Source: http://www.eia.doe.gov/emeu/states/sep_use/ind/use_ind_la.html

Louisiana at a Glance

State Information

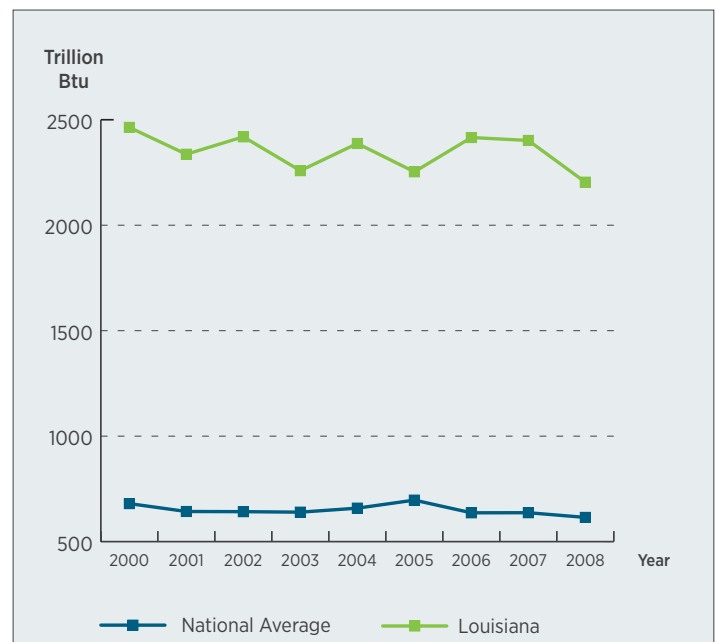
2009 Population (Million)	4.5
2008 GDP (Billion)	\$222.2
Rank by GDP	23

Energy Statistics

Total Energy Consumption 2008 (Trillion Btu)	3,487.5
Total Industrial Energy Consumption 2008 (Trillion Btu)	2,204.0
Total Industrial Energy Consumption Rank	2
Total Industrial Electricity Use 2008 (Trillion Btu)	91.9
Total Industrial Electricity Use Rank	14
Total Industrial Natural Gas Use 2008 (Trillion Btu)	998.2
Total Industrial Natural Gas Use Rank	2

Source: http://tonto.eia.doe.gov/state/state_energy_profiles.cfm?sid=LA

Exhibit 2: Total Industrial Energy Use



Federal and National Industrial Energy Efficiency Programs

In addition to the state level programs outlined in more detail in section III there are many government and non-government organizations that have resources to assist industry in the western region to utilize energy more effectively. Financial and technical resources are available from federal agencies, national laboratories, utilities, utility associations, industrial organizations, energy efficiency organizations, state energy offices, energy services companies, non-profits or non-governmental organizations, foundations, and private companies.

ITP is one such program that provides industrial manufacturers across the country with a variety of energy efficiency tools, resources, and incentives. ITP is a prime example of DOE's commitment to improving the energy efficiency of industrial operations in the United States. ITP is a multi-faceted outreach and deployment initiative designed specifically for industrial manufacturers. ITP supports research and development of energy efficient technologies, provides industry with energy management and assessment tools, resources, and information. It also provides no-cost energy assessments to industrial plants of all size.

Several other federal agencies offer energy efficiency incentives in addition to the multitude of DOE resources. Internal Revenue Service, for instance, provides tax incentives to industrial manufacturers that implement energy efficiency projects. In addition, the U.S. Environmental Protection Agency provides loans on new energy efficient construction and incentives on the implementation of combined heat and power systems. Finally, the U.S. Department of Agriculture is another federal agency that provides incentives to rural and small industrial operations seeking to become more energy efficient.

State Incentives by Industrial System

Industrial Systems General

Business Development

South Louisiana Electric Cooperative Association (SLECA) works closely with the professional staff at the Louisiana Department of Economic Development (LDED) to foster new or expanded business opportunities in southern Louisiana. The LDED manages the state's tax incentive programs, special start-up and training programs.

For More Information:

<http://www.sleca.com/BusDevelopment/Louisiana%20Department%20of%20Economic%20Development.ASP>

Sponsor: South Louisiana Electric Cooperative Association

Sponsor Type: Utility

Business Energy Profile

Central Louisiana Electric Company (Cleco) offers a set of interactive tools businesses can use to analyze their energy use and costs. The Cleco Business Energy Profile provides reliable information about the annual energy use and costs of each energy system.

For More Information:

<http://www.cleco.com/site242.php>

Sponsor: Central Louisiana Electric Company

Sponsor Type: Utility

DataLink

DataLink provides the products and services needed to gain a thorough understanding of energy data and the ability to use that information to develop and implement complete energy management strategies.

For More Information:

http://www.energy-louisiana.com/your_business/customized_programs.aspx

Sponsor: Entergy Gulf States, Inc.

Sponsor Type: Utility

DataLink

DataLink provides the products and services needed to gain a thorough understanding of energy data and the ability to use that information to develop and implement complete energy management strategies.

For More Information:

http://www.energy-neworleans.com/your_business/customized_programs.aspx

Sponsor: Entergy New Orleans, Inc.

Sponsor Type: Utility

Free Energy Audit

A representative from the cooperative will analyze a member's facility to determine how to make it more energy efficient.

For More Information:

http://www.pcemc.org/member_servicesNew.html

Sponsor: Pointe Coupee Electric Membership Corporation
Sponsor Type: Utility

Manufacturing Services

The Center for Lean Excellence provides services to manufacturers, including Principles of Lean Manufacturing 101, 5S System training, Lean Enterprise Assessment, and Value Stream Mapping Office.

For More Information:

http://centerforleanexcellence.org/?page_id=31

Sponsor: Center for Lean Excellence
Sponsor Type: Nonprofit

Research and Development Tax Credit

The program provides a tax credit of 40% for Louisiana businesses that employ less than 50 Louisiana residents and a tax credit up to 20% for increasing research activities for Louisiana businesses that employ 50 or more Louisiana residents.

For More Information:

<http://www.louisianaeconomicdevelopment.com/opportunities/incentives--programs/research-and-development-tax-credit.aspx>

Sponsor: Louisiana Economic Development
Sponsor Type: State

Revolving Loan Fund

This loan program will cover up to 75% of a non-residential project up to \$150,000. Energy efficiency improvements are eligible.

For More Information:

<http://www.dixiebusinesscenter.org/financing.htm>

Sponsor: Dixie Business Center
Sponsor Type: Nonprofit

The Industrial Tax Exemption

The Industrial Tax Exemption (ITE) Program provides 100% property tax abatement for up to 10 years on a manufacturer's new investment and annual capitalized additions. This exemption applies to all improvements to the land, buildings, machinery, equipment, and any other property that is part of the manufacturing process.

For More Information:

<http://www.louisianaeconomicdevelopment.com/opportunities/incentives--programs/industrial-tax-exemption.aspx>

Sponsor: Louisiana Economic Development
Sponsor Type: State

Constellation NewEnergy Online

This is an energy-management tool that is available to all electricity customers free of charge. The tool allows customers to find opportunities to improve their company's energy efficiencies, track changes in their company's usage, and compare usage across multiple facilities.

For More Information:

<http://www.newenergy.com/portal/site/menuitem.987b194dd5e782ce18a805e4da6176a0>

Sponsor: Constellation NewEnergy
Sponsor Type: Utility

Energy Efficiency Projects

Constellation Energy Projects Services provides solutions designed to achieve energy goals and promote a sustainable future by offering an extensive array of products and services.

For More Information:

<http://www.newenergy.com/portal/site/cne/menuitem.1b1af2559c566632782c7883da6176a0>

Sponsor: Constellation NewEnergy
Sponsor Type: Utility

Energy Efficiency Projects

The utility's sister company, Constellation Energy Projects & Services Group, helps commercial customers develop solutions to achieve energy goals.

For More Information:

<http://www.newenergy.com/portal/site/menuitem.1b1af2559c566632782c7883da6176a0>

Sponsor: Constellation NewEnergy
Sponsor Type: Utility

Energy Analysis

The utility offers energy analysis services to help commercial customers of various sizes determine an electricity plan that helps them achieve energy goals.

For More Information:

<https://www.gexaenergy.com/business/Solutions/products.aspx>

Sponsor: Gexa Energy
Sponsor Type: Utility

Lighting

Commercial Lighting Installation

Central Louisiana Electric Company trained personnel can evaluate business lighting needs and suggest the most efficient lighting scheme, using the latest fixtures designed to produce more light for less money.

For More Information:

<http://www.cleco.com/site.php?pageID=239>

Sponsor: Central Louisiana Electric Company

Sponsor Type: Utility

HVAC

Load Management Program

Customers who enroll in this program will receive a \$5 monthly credit on their electric bills. During peak energy times, the utility will temporarily power down a participating customer's HVAC system.

For More Information:

<https://www.demco.org/products-services/loadmanagement/index.cfm?>

Sponsor: Dixie Electric Membership Corporation

Sponsor Type: Utility

Building Systems

DataLink

DataLink provides the products and services needed to gain a thorough understanding of energy data and the ability to use that information to develop and implement complete energy management strategies.

For More Information:

http://www.energy-louisiana.com/your_business/customized_programs.aspx

Sponsor: Entergy Gulf States, Inc.

Sponsor Type: Utility

DataLink

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For More Information:

http://www.energy-neworleans.com/your_business/customized_programs.aspx

Sponsor: Entergy New Orleans, Inc.

Sponsor Type: Utility

Restoration Tax Abatement Program

The Restoration Tax Abatement program provides five-year property tax abatement for the expansion, restoration, improvement and development of existing commercial structures and owner-occupied residences.

For More Information:

<http://www.louisianaeconomicdevelopment.com/opportunities/incentives--programs/restoration-tax-abatement.aspx>

Sponsor: Louisiana Economic Development

Sponsor Type: State

Industrial Systems / Process Specific

DataLink

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http://www.energy-louisiana.com/your_business/customized_programs.aspx

Sponsor: Entergy Gulf States, Inc.

Sponsor Type: Utility

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<http://www.louisianaeconomicdevelopment.com/opportunities/incentives--programs/restoration-tax-abatement.aspx>

Sponsor: Louisiana Economic Development

Sponsor Type: State

Energy Efficiency Projects

The utility's sister company, Constellation Energy Projects & Services Group, helps commercial customers develop solutions to achieve energy goals.

For More Information:

<http://www.newenergy.com/portal/site/menuitem.1b1af2559c566632782c7883da6176a0>

Sponsor: Constellation NewEnergy

Sponsor Type: Utility

Energy Sources

Biodiesel Equipment and Fuel Tax Exemption

From July 2006 to June 2012, property and equipment used to manufacture, produce, or extract unblended biodiesel, including unblended biodiesel used as fuel by a registered manufacturer, are exempt from state sales and use taxes.

For More Information:

http://dnr.louisiana.gov/sec/execddiv/tehasmt/financial_incentives/incen-tives_list/state_incentives_2009.pdf

Sponsor: Louisiana Department of Revenue

Sponsor Type: State

Net Metering

Louisiana electric utilities offer customers that generate electric power using solar, wind, hydropower, geothermal, or qualified biomass resources the option to Net Meter. Net Metering is available to residential generation facilities up to 25 kilowatts and commercial generation facilities up to 100 kilowatts. These facilities may not have any other generator connected to the grid. In Louisiana Net Metering, the kilowatt-hours produced by the customer and sent to the grid offset the kilowatt-hours sold to the customer in that month.

For More Information:

http://www.energylouisiana.com/your_business/net_metering.aspx

Sponsor: Entergy Louisiana

Sponsor Type: Utility

Net Metering Rider

Available to residential and commercial customers who have installed renewable generation facilities. Customers are eligible to receive the retail price for all electricity generated.

For More Information:

<http://www.beci.org/Images/Interior/rate%20schedules/schedule%20-%20net%20metering.pdf>

Sponsor: Beauregard Electric Cooperative Inc

Sponsor Type: Utility

Restoration Tax Abatement Program

The Restoration Tax Abatement program provides five-year property tax abatement for the expansion, restoration, improvement, and development of existing commercial structures and owner-occupied residences.

For More Information: <http://www.louisianaeconomicdevelopment.com/opportunities/incentives--programs/restoration-tax-abatement.aspx>

Sponsor: Louisiana Economic Development

Sponsor Type: State

Wind and Solar Tax Credit

As of January 1, 2008, if someone installs a photovoltaic or wind energy system on their home or business, they are eligible for a tax credit that would help with purchase and installation costs.

For More Information:

[http://revenue.louisiana.gov/forms/taxforms/1081\(3_09\)F.pdf](http://revenue.louisiana.gov/forms/taxforms/1081(3_09)F.pdf)

Sponsor: Louisiana Department of Revenue

Sponsor Type: State

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<http://www.newenergy.com/portal/site/menuitem.1b1af2559c566632782c7883da6176a0>

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Sponsor Type: Utility

Load Management

Business Energy Profile

Cleco offers a set of interactive tools businesses can use to analyze their energy use and costs. The Cleco Business Energy Profile provides reliable information about the annual energy use and costs of each energy system.

For More Information:

<http://www.cleco.com/site242.php>

Sponsor: Central Louisiana Electric Company

Sponsor Type: Utility

Commercial Energy Calculator

The Commercial Energy Calculator provides estimates of energy usage and costs based on customer inputs. It also presents a comparison of three efficiency levels for each calculation.

For More Information:

http://www.energylouisiana.com/your_business/ensight.aspx

Sponsor: Entergy Louisiana

Sponsor Type: Utility

DataLink

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For More Information:

http://energylouisiana.com/your_business/customized_programs.aspx

Sponsor: Entergy Louisiana

Sponsor Type: Utility

Experimental Energy Reduction Rider(EER)

The EER program enables Entergy and its qualified customers to jointly participate in reducing electric demand during times of critical need or highly volatile pricing. The program provides a monetary incentive for our customers to release Entergy from its obligation to supply electric power.

For More Information:

http://entergy-louisiana.com/your_business/customized_programs.aspx

Sponsor: Entergy Louisiana

Sponsor Type: Utility

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Sponsor: Entergy Gulf States, Inc.

Sponsor Type: Utility

Free Energy Audit

A representative from the cooperative will analyze a member's facility to determine how to make it more energy efficient.

For More Information:

http://www.pcemc.org/member_servicesNew.html

Sponsor: Pointe Coupee Electric Membership Corporation

Sponsor Type: Utility

Load Management Program

Customers who enroll in this program will receive a \$5 monthly credit on their electric bills. During peak energy times, the utility will temporarily power down a participating customer's HVAC system.

For More Information:

<https://www.demco.org/products-services/loadmanagement/index.cfm>

Sponsor: Dixie Electric Membership Corporation

Sponsor Type: Utility

Market Valued Energy Reduction Service Rider (MVER)

The MVER programs enable Entergy and its qualified customers to jointly participate in reducing electric demand during times of critical need or highly volatile pricing. The program provides a monetary incentive for our customers to release Entergy from its obligation to supply electric power.

For More Information:

http://entergy-louisiana.com/your_business/customized_programs.aspx

Sponsor: Entergy Louisiana

Sponsor Type: Utility

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For More Information:

http://www.entergy-louisiana.com/your_business/customized_programs.aspx

Sponsor: Entergy Gulf States, Inc.

Sponsor Type: Utility

Constellation NewEnergy Online

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For More Information:

<http://www.newenergy.com/portal/site/menuitem.987b194dd5e782ce18a805e4da6176a0>

Sponsor: Constellation NewEnergy

Sponsor Type: Utility

Energy Efficiency Projects

The utility's sister company, Constellation Energy Projects & Services Group, helps commercial customers develop solutions to achieve energy goals.

For More Information:

<http://www.newenergy.com/portal/site/menuitem.1b1af2559c566632782c7883da6176a0>

Sponsor: Constellation NewEnergy

Sponsor Type: Utility

Load Response for your Business

Commercial customers can receive financial rewards, either in the form of dollars or energy bill credits, for using less energy on days when regional power grids are under stress.

For More Information:

<http://www.newenergy.com/portal/site/menuitem.c2d5c4a31e3b3661571c5010747176a0?title=lr>

Sponsor: Constellation NewEnergy

Sponsor Type: Utility

End Notes

- ¹ U.S. Department of Energy, Industrial Technologies Program, State and Regional Partnerships, “Industrial Technologies Program Activities in Louisiana.” http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=LA.
- ² Energy Information Administration, “State/Territory Energy Profiles,” Accessed October 4, 2010. http://tonto.eia.doe.gov/state/state_energy_profiles.cfm?sid=LA.

EERE Information Center

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

www.eere.energy.gov/informationcenter

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