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Southeast Electronic Book of Industrial Resources - Louisiana



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Introduction

According to the U.S. Department of Energy's (DOE) Energy Information Administration (EIA), approximately one-third of all energy consumed in the Southeast in 2007 occurred in the industrial sector.¹ The sector also accounted for almost 15.8 percent of carbon emissions in 2005.² Currently, there exist great opportunities for industrial manufacturers in the 11-state Southeast region to lower their energy and carbon intensity.

There are many government and non-government organizations that have resources to assist industry in the 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, or private companies. This resource provides a comprehensive listing of incentives, tools, and resources for industrial manufacturing energy efficiency. Divided by national, regional, and states, the resource 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 existing data from DOE's Industrial Technologies Program's (ITP) *States Incentives and Resources Database*.

The *States Incentives and Resources Database* is a compilation of a comprehensive, searchable online database of approximately 2,800 energy efficiency incentives organized by state. The *States Incentives and Resources Database* is updated regularly and is accessible on SEN's Web site at http://www1.eere.energy.gov/industry/states/state_activities/incentive_search.aspx.

A. Federal and National Programs

There are a host of federal and national organizations across the nation that provide resources to help industrial manufacturers lower their energy intensity and consumption. For example, ITP provides industrial manufacturers across the country with a variety of energy efficiency tools, resources, and incentives. ITP

States in the Southeast



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.



B. National Incentives

The private and non-profit sectors also offer a wide variety of resources and tools to industrial manufacturers striving to increase energy efficiency. The table below contains a detailed listing of a plethora of national organizations such as non-profit organizations, utility and industry associations, and environmental foundations which provide energy incentives to industry.

C. Regional Programs

This section contains information on organizations in the Southeast that have devoted themselves to increasing the energy efficiency of the region. For example, energy assessments performed by university-based Industrial Assessment Centers (IACs) are in-depth evaluations of industrial facilities that seek to identify potential cost and energy savings for the industrial manufacturer. There are 10 located in the Southeast: Georgia Tech, Mississippi State, North Carolina State, Tennessee Technological University, University of Alabama, University of Florida, University of Louisiana—Lafayette, Oklahoma State University, University of Miami, and West Virginia University. Since 1982, there have been more than 3,800 IAC assessments conducted in the region.³ In addition, the Southeast Combined Heat and Power (CHP) Application Center, Gulf Coast CHP Application Center and Mid-Atlantic CHP Center provide application assistance, technology information, and educational support to industrial manufacturers in the Southeast seeking to evaluate the use of CHP at their facilities.

Moreover, the Southeast Energy Efficiency Alliance, for example, is a collaborative of utilities, government agencies, industrial manufacturers, and non-profit partners that work to improve energy efficiency in the Southeast including industry. Details and contact information are available in the *Regional Resources* section.

D. State Programs

Finally, entries in the state section provide information on resources available on the local level.

Resources in this section are offered from state and municipal agencies, utilities, academia, and non-profit organizations.

Federal and National Programs

A variety of federal and national organizations offer incentives and resources to help industrial manufacturers lower their energy intensity and consumption.

Government

Internal Revenue Service

Biodiesel Income Tax Credit

Federal Tax Credit

Companies that put biodiesel fuel into a vehicle or use biodiesel fuels in their business vehicles are eligible for a tax credit of \$1.00 per gallon.

Learn More:

Excise Tax Branch

202-622-3130

http://www.afdc.energy.gov/afdc/progs/view_ind_fed.php/afdc/396/0

Corporate Tax Credit

Federal Tax Credit

In addition to receiving a tax credit for solar photovoltaic generation, a non-residential manager can receive a tax credit of 30 percent for geothermal energy, microturbines, and fuel cells.

Learn More:

800-829-4933

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=browse_usc&docid=Cite:+26USC48

Fuel Cells and Microturbines Tax Incentive

Federal Tax Credit

Tax credits of up to \$3,000 per kWh are available for the purchase of fuel cells, while tax credits of up to \$200 per kWh are available for microturbines.

Learn More:

800-829-4933

http://energytaxincentives.org/business/fuel_cells.php

U.S. Department of Agriculture

Biobased Products and Bioenergy Program

Federal Loan Program

Loans are available to help rural industry generate electricity from biobased sources.

Learn More:

<http://www.rurdev.usda.gov/rbs/biomass/biomass.htm>

Biorefinery Assistance Loan Guarantee

Federal Loan Program

Loans are available to help biorefineries conserve and use energy more effectively. Loan guarantees are available up to \$250 million.

Learn More:

<http://www.rurdev.usda.gov/rbs/busp/baplg9003.htm>

Business and Industry Guaranteed Loans

Federal Loan Program

Loans of up to \$10 million are available to rural industrial manufacturers to “improve the economic and environmental climate” in their communities.

Learn More:

http://www.rurdev.usda.gov/rbs/busp/b&i_gar.htm

Renewable Energy Systems and Energy Efficiency Improvements Program

Federal Grant and Loan Program

This program provides grants and loans to small businesses in rural communities that are interested in making their buildings more energy efficient.

Learn More:

<http://www.rurdev.usda.gov/rbs/busp/9006grant.htm>

U.S. Department of Energy

Loan Guarantee Program

Federal Loan Program

DOE offers loans to projects that “avoid, reduce, or sequester air pollutants or anthropogenic emissions of greenhouse gases.” Loans are available for biomass, hydrogen, wind, solar, hydropower, advanced fossil energy coal, carbon, electricity delivery and reliability, alternative fuel vehicles, pollution control equipment, and industrial energy efficiency projects.

Learn More:

202-586-8336

<http://www.lgprogram.energy.gov/>

Unsolicited EERE Proposals

Federal Grant Program

Unsolicited proposals may be selected if they are novel and do not reflect a current solicitation or existing work.

Learn More:

John N. Augustine
412-386-4524

John.Augustine@netl.doe.gov
http://www1.eere.energy.gov/financing/unsolicited_proposals.html

U.S. Department of the Treasury

American Reinvestment and Recovery Act Tax Credits and Grants

Federal Tax Credits and Grant Program

Tax credits and grants are available from select state energy offices to help promote renewable energy generation and/or energy efficiency.

Learn More:

http://thomas.loc.gov/home/h1/Recovery_Bill_Div_B.pdf

U.S. Environmental Protection Agency (EPA)

Clean Construction USA Loans

Federal Loan Program

EPA offers loans to companies to help finance projects that reduce diesel emissions from construction equipment and vehicles.

Learn More:

<http://www.epa.gov/otaq/diesel/construction/>

Combined Heat and Power (CHP) Partnerships

Federal Assistance Program

Combined Heat and Power (CHP) systems are an efficient, clean and reliable approach to generating power and thermal energy from a single fuel source. Incentives for CHP are available through the EPA.

Learn More:

703-373-8108
chp@epa.gov
<http://www.epa.gov/chp/funding/index.html>

Energy Star for Industry

Technical Assistance

The Energy Star program is a joint initiative of the U.S. Department of Energy and EPA which seeks to increase implementation of energy efficient equipment and techniques.

Learn More:

http://www.energystar.gov/index.cfm?c=industry.bus_industry

U.S. Small Business Administration (SBA)

Energy Loan Program

Federal Loan Program

SBA offers a loan program to small businesses that are affiliated with energy conservation. Loans are up to \$2 million with a low interest rate.

Learn More:

<http://www.sba.gov/services/financial-assistance/sbaloantopics/SpecialPurposeLoans/index.html>

National Resources

Non-profit Organizations

Pump Systems Matter

Pumping System Optimization and Energy-Efficiency Education & Training

Technical Assistance

Vendor neutral market awareness, education, training, products, services and tools that focus on energy savings opportunities with pumping systems.

Learn More:

Joanne Bachmann
973-267-9700
jbachmann@pumps.org
<http://www.PumpSystemsMatter.org>

National Industry Associations

Aluminum Association

Energy Information

Technical Assistance

The organization provides fact sheets on energy and environmental responsibility to its members.

Learn More:

Charles Johnson
703-358-2960
cjohnson@aluminum.org
<http://www.aluminum.org/>

Association of Energy Engineers

Energy Training Program

Education and Training Program

This organization offers seminars and online training sessions for engineers. Trainings cover a wide variety of energy-related topics, including energy efficiency and renewable energy generation.

Learn More:

Helen Ardavin

770-447-5083, ext. 218

Helen@aeecenter.org

<https://www.aeecenter.org/seminars/>

Association of Energy Services Professionals

Brown Bag Energy Seminars

Education and Training Program

These 90-minute online Webinars cover a variety of energy topics including energy efficiency.

Learn More:

Kim Burtraw

480-704-5900

kim@aesp.org

<http://www.aesp.org/displaycommon.cfm?an=1&subarticlenbr=46>

Non-Ferrous Founders' Society

Energy Information

Technical Assistance

NFDS offers training, technical resources, and technical assistance to its members.

Learn More:

Ryan Moore

847-299-0950

ryanm@nffs.org

<http://www.nffs.org/>

North American Die Casting Association

Energy Information

Technical Assistance

NADCA members can access the organization's energy audits, training, technical assistance and resources, and cost shared-R&D.

Learn More:

847-279-0001

<http://www.diecasting.org/default.php>

Original Equipment Suppliers Association

Energy Information

Technical Assistance

OESA offers its members energy efficiency publications, trainings, and events.

Learn More:

248-952-6401

info@oesa.org

<http://www.oesa.org/>

Steel Founders' Society of America

Energy Information

Technical Assistance

The organization offers technical assistance, resources, and cost shared-R&D to its members.

Learn More:

Malcolm Blair

815-455-8240

blairm@sfsa.org

<http://www.sfsa.org/>

National Industry Associations

American Public Power Association

Energy Efficiency Resource Central

Technical Assistance

APPA offers technical assistance for its member utilities to help their key industrial customers improve their energy efficiency.

Learn More:

Ursula Schryver

202-467-2980

USchryver@APPAnet.org

<http://www.appanet.org/utility/utility.cfm?ItemNumber=21923&navItemNumber=21021>

Edison Electric Institute

Industry Initiatives

Technical Assistance

EI works with its member utilities to improve the energy efficiency of their industrial customers.

Learn More:

<http://www.eei.org/ourissues/EnergyEfficiency/Pages/IndustryInitiatives.aspx>

Energy Solutions Center

Industrial Consortia

Technical Assistance

ESC convenes various industrial consortia of equipment manufacturers to address how they can improve their equipment to better meet the needs and energy efficiency objectives of industrial manufacturers.

Learn More:

Warren Willits

216-536-9787

wawillits@wawii-inc.com

http://www.energysolutionscenter.org/consortia/ind-energy_eff.asp

Foundations

Hannon Armstrong

Energy Conservation Fund

Loan Program

Hannon Armstrong will offer loans to public and private sector businesses interested in making their buildings more energy efficient. The loan will cover up to 100 percent of the total project cost.

Learn More:

Polly Gibbons-Neff

410-571-6177

pneff@hannonarmstrong.com

<http://ase.org/content/article/detail/3448>

StePP Foundation

Environmental Project Financing

Financial Assistance

The StePP Foundation matches organizations with environmental improvement projects (include renewable energy and energy efficiency) with companies that have financing to implement those projects.

Learn More:

Bruce Dines

303-277-0932

<http://www.steppfoundation.org/main.htm>

Private Firms

American Trainco

Industrial Energy Efficiency Training

Education and Training Program

This company provides a wide variety of industrial training opportunities throughout the country. All programs are linked to certain industrial systems/practices and have an energy efficiency component.

Learn More:

303-531-4560

Administrator@AmericanTrainco.com

<http://www.americantrainco.com/default.aspx>

Energy Guide

Customized Business

Energy Analysis

Energy Audit

This online tool helps non-residential customers analyze their energy use.

Learn More:

781-694-3300

<http://www.energyguide.com/audit/BAintro.asp>

Energy Sciences

Energy Consultants

Technical Assistance

Energy Sciences specializes in demand side energy services for the municipal, commercial and industrial, sectors. We enable our clients to practice energy conservation and reduce GHG emissions while optimizing operating costs. Our core services include: development and implementation of comprehensive energy management programs, energy audits, energy efficient lighting solutions, staffing, and outreach/training programs. We believe that energy efficiency is an integral part of the energy solution needed for the future.

Learn More:

Frank Schulmeister

248-760-1924

frank@esciences.us

<http://www.esciences.us>

E-Source

Efficiency & Demand-Response Programs Service

Energy Audit and Demand

Response Program

This online tool helps companies improve their demand response and energy efficiency programs.

Learn More:

Rachel Reiss Buckley

303-345-9104

http://www.esource.com/public/products/frs_edrp.asp

Regional Programs

There are also a host of different organizations in the Southeast that provide technical or financial assistance to industrial manufacturers throughout the 11-state region.

Utilities

Power Administration

Tennessee Valley Authority (TVA)

Industrial Resources

Technical and Analytical Assistance

TVA provides support, technology, expertise, and financial resources to existing businesses and industries in the Valley to help them grow and be more efficient and profitable. These resources include technical assistance, low-interest loans, and other tools needed by businesses for successful operation.

Learn More:

615-232-6225

<http://www.tvaed.com/existing.htm>

Investor-owned

American Electric Power (AEP)

Commercial and/or Industrial Standard Offer

Financial Assistance

Provides financial incentives for a variety of retrofit measures, including installation of chillers, motors, heating/ventilation/air conditioning, lighting and window tinting/shading.

Learn More:

<http://www.aepefficiency.com/arkansas/CI/intro/index.htm>

Commercial and Industrial Lighting

Financial Assistance

Provides financial incentives for installation of new high-efficiency lighting systems in a non-residential facility in either a new construction or retrofit application.

Learn More:

<http://www.aepefficiency.com/arkansas/CI/intro/index.htm>

Commercial and Industrial Motors

Financial Assistance

Provides incentives for the installation of new properly sized high-efficiency motors in a new application or as a replacement for a less efficient operating motor in a non-residential facility.

Learn More:

<http://www.aepefficiency.com/cisop/intro/index.htm>

Commercial Solutions

Technical Assistance

This program helps identify various energy efficiency and cost-saving opportunities within the customer's operation. It also provides the direct support, tools and training necessary for customers to independently evaluate benefits of potential efficiency improvements.

Learn More:

<http://www.aepefficiency.com/cisop/intro/index.htm>

Load Management Standard Offer

Load Management

Large industrial customers are eligible for incentives if they reduce their load on short notice.

Learn More:

<http://www.aepefficiency.com/load-management/TCC/index.shtml>

Atmos Energy

Energy Matters

Analytical Assistance

The utility offers no-cost energy management tools and resources.

Learn More:

877-460-7067

<http://www.atmosenergy.com/business/energymatters.html>

Duke Energy

Energy Assessments

Analytical Assistance

Duke Energy offers energy assessments to lower energy costs by improving a facility's energy efficiency.

Learn More:

800-777-0046

BusinessServiceCenter@duke-energy.com

<http://www.duke-energy.com/north-carolina-large-business/energy-efficiency/energy-assessments.asp>

Online Business Energy Analysis

Analytical Assistance

These online analysis tools help facility managers manage and improve their energy use with benchmarking and savings recommendations.

Learn More:

800-777-0046

BusinessServiceCenter@duke-energy.com

<http://www.duke-energy.com/north-carolina-business/energy-management/online-business-energy-analysis.asp>

PowerShare

Technical Assistance

This program helps customers understand their energy consumption and develops a plan that identifies ways to reduce energy consumption.

Learn More:

800-777-0046

BusinessServiceCenter@duke-energy.com

<http://www.duke-energy.com/north-carolina-large-business/energy-efficiency/nclb-powershare.asp>

Smart Saver Incentives Program

Financial Services

Rebates of up to \$50,000.00 per facility are available to industrial customers who install energy efficient equipment.

Learn More:

800-777-0046

BusinessServiceCenter@duke-energy.com

<http://www.duke-energy.com/kentucky-large-business/energy-efficiency/smart-saver.asp>

Piedmont Natural Gas

New Commercial Gas Equipment Financing

Financial Services

Piedmont Natural Gas will finance the purchase of their business customer's new natural gas equipment.

Learn More:

800-752-7504

<http://www.piedmontng.com/commercial/programsSection/financingLeasing>

Technical Services

Technical Assistance

Piedmont Natural Gas' Technical Services offers customers a convenient and authoritative reference on natural gas technologies and their applications. Services include facilities design assistance, energy audits and feasibility studies.

Learn More:

800-752-7504

<http://www.piedmontng.com/industrial/solutionsSection/technicalServices>

Training & Seminars

Education/Training Assistance

Piedmont Natural Gas offers a variety of training & seminars on energy efficiency.

Learn More:

800-752-7504

<http://www.piedmontng.com/industrial/trainingSeminars>

Progress Energy Carolinas

Energy Efficiency for Business Program

Financial and Technical Assistance

Cash incentives for energy efficiency projects cover up to 75.0 percent of the project cost. Technical assistance is also available to offset design and engineering costs.

Learn More:

866-326-6059

carolinasBusiness@us.kema.com

<http://progress-energy.com/custservice/flabusiness/efficiency/index.asp>

Southern Company

Energy Direct

Technical and Analytical Assistance

The EnergyDirect program provides an online service that enables business customers to access their account for usage information. The tool provides graphing and analysis of customer's energy use, and alerts and metrics tailored to customer's business. The tool also provides custom account portfolios and has a benchmarking ability.

Learn More:

<https://www.energydirect.com/NonSecure/EnergyDirectHome.aspx?ReturnUrl=percent2fdefault.aspx>

Other Initiatives

Non-profit Organizations

Southeast Energy Efficiency Alliance (SEEA)

Regional Energy Efficiency Programs and Incentives

Education, Networking, Technical & Financial Resources

The Southeast Industrial Energy Efficiency Coalition, a project of SEEA, connects industry to financial and technical resources; fosters cooperation among industrial users, utilities & policy makers; and promotes best practices & training on industrial energy efficiency.

Learn More:

Rick Marsh
615-775-0440
rick@seealliance.org

Industrial Assessment and Combined Heat and Power Centers

Georgia Tech

Industrial Assessment Center (IAC)

Analytical Assistance

The Georgia Institute of Technology IAC provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Bill Meffert
404-894-3844
bill.meffert@innovate.gatech.edu
<http://innovate.gatech.edu/?tabid=545>

Gulf Coast CHP Application Center

Combined Heat and Power Application Center (CHP)

Technical and Educational Assistance

Gulf Coast CHP Application Center provides industrial manufacturers pursuing combined heat and power applications with technical assistance and other support such as providing information on case studies, project development and lists of local resources.

Learn More:

Daniel Bullock
281-364-6087
dbullock@harc.edu
<http://www.gulfcoastchp.org/>

Mid-Atlantic CHP Application Center

Combined Heat and Power Application Center

Technical and Educational Assistance

The center provides technical assistance, online tools, and information on combined heat and power.

Learn More:

Joe Orlando
301-405-4681
orlandoj@umd.edu
<http://www.chpcenterma.org/>

Mississippi State

Industrial Assessment Center (IAC)

Analytical Assistance

Mississippi State University IAC provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. B.K. Hodge
662-325-7315
hodge@me.msstate.edu
<http://www.me.msstate.edu/IAC/iac.html>

North Carolina State

Industrial Assessment Center (IAC)

Analytical Assistance

North Carolina State University IAC provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. James W. Leach
919-515-5228
leach@eos.ncsu.edu
<http://www.mae.ncsu.edu/Centers/IAC/index.html>

Oklahoma State University

Industrial Assessment Center (IAC)

Analytical Assistance

Oklahoma State University IAC provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. William Kolarik
405-744-5042
kolarik@okstate.edu
<http://iem.okstate.edu/Primary/>

Southeast CHP Application Center

Combined Heat and Power Application Center (CHP)

*Technical and Educational
Assistance*

Provides application assistance, technology information, and educational support necessary to promote combined heat and power applications.

Learn More:

Louay Chamra
662-325-0618

chamra@me.msstate.edu

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

Tennessee Technological University

Industrial Assessment Center (IAC)

Analytical Assistance

Tennessee Technological University IAC provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. Glenn Cunningham
931-372-3826

gcunningham@tntech.edu

<http://www.tntech.edu/cmr/home/>

University of Alabama

Industrial Assessment Center (IAC)

Analytical Assistance

The University of Alabama IAC provides free energy use assessments, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. Keith A. Woodbury
205-348-1647

woodbury@me.ua.edu

<http://www.iac.ua.edu/>

University of Florida

Industrial Assessment Center (IAC)

Analytical Assistance

University of Florida IAC provides free energy use, productivity enhancement, and waste reduction assessments to manufacturers.

Learn More:

Dr. Diane Schaub
352- 392-1464

schaub@ise.ufl.edu

<http://www.ise.ufl.edu/iac/>

University of Louisiana— Lafayette

Industrial Assessment Center (IAC)

Analytical Assistance

University of Louisiana IAC also provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. Theodore Kozman
337-482-5717

tak1485@louisiana.edu

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

University of Miami

Industrial Assessment Center (IAC)

Analytical Assistance

University of Miami IAC provides free energy use, productivity enhancement, and waste reduction assessments to manufacturers.

Learn More:

Dr. Shihab Asfour
305-392-3537

schaub@ise.ufl.edu

<http://iac.miami.edu/intro.htm>

West Virginia University

Industrial Assessment Center (IAC)

Analytical Assistance

West Virginia University IAC provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. B. Gopalakrishnan
303-293-4607, ext. 3709

bgopalak@mail.wvu.edu

<http://www2.cemr.wvu.edu/~wwwiac/>

State Programs

In addition to the national and regional programs, industrial energy efficiency resources and incentives are available from a number of other sources as well. The following section provides an overview of the various programs offered in the Southeast region including programs from state agencies, utilities, industry and energy efficiency associations, and non-profit associations among other organizations.

Louisiana

Industrial manufacturing is a vital component of Louisiana's economy as it accounts for 23.0 percent of the state's Gross Domestic Product¹ and 138,716 jobs.² The largest manufacturers based on value of shipments are in the petroleum and coal products manufacturing, chemical manufacturing, and transportation equipment manufacturing sectors. Louisiana is also the second largest industrial energy consuming state, with local industry using 2,403.8 trillion Btu in 2007 earning a ranking of 2nd in the nation (or 63.9 percent of all energy consumed in the state that year).³ In addition, the state's industrial natural gas consumption tallied 1,073.4 trillion Btu, which was the 2nd most in the nation in 2007.⁴ It also contributes to the release of 84.7million metric tons of carbon dioxide annually.⁵

Louisiana has a great opportunity to improve its energy efficiency and decrease its carbon emissions. There are multiple resources available throughout the state that plant managers can consult for energy efficiency/renewable energy information or assistance in financing energy efficiency improvements/renewable energy projects in a facility.

Government

State Programs

State of Louisiana Department of Revenue

Biodiesel Equipment and Fuel Tax Exemption

Financial Assistance

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

Learn More:

225-219-0067

http://dnr.louisiana.gov/sec/execdiv/techasmt/financial_incentives/incentives_list/state_incentives_2009.pdf

Wind and Solar Tax Credit

Financial Assistance

Tax credits are available for the installation and generation of photovoltaic or wind energy systems.

Learn More:

225-219-0067

<http://www.revenue.louisiana.gov/forms/lawspolicies/RIB07025.pdf>

Local Government Programs

Louisiana Economic Development

The Industrial Tax Exemption

Financial Assistance

The Industrial Tax Exemption Program provides 100.0 percent property tax abatement for up to 10 years on a manufacturer's new investment and annual capitalized additions. This exemption includes improvements to land, buildings, machinery, and equipment used for manufacturing.

Learn More:

Lori Weber

225-342-6442

weber@la.gov

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

Research and Development Tax Credit

Financial Assistance

The program provides a tax credit of 40.0 percent for Louisiana businesses that employ up to 50 Louisiana residents and a tax credit up to 20.0 percent for increasing research activities for Louisiana businesses that employ more than 50 Louisiana residents.

Learn More:

Susan Bigner

225-342-5651

bigner@la.gov

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

Utilities

Investor-owned

Atmos Energy

Energy Matters

Analytical Assistance

The utility offers no-cost energy management tools and resources.

Learn More:

877-460-7067

<http://www.atmosenergy.com/business/energymatters.html>

Central Louisiana Electric Company

Business Energy Profile

Analytical Assistance

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.

Learn More:

800-622-6537

<http://energydepot.com/ClecoCom41/>

Commercial Lighting Installation

Technical Assistance

Cleco-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.

Learn More:

800-622-6537

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

DataLink

Analytical Assistance

Entergy's "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.

Learn More:

877-336-2631

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

Cooperatives

Pointee Coupee Electric Membership Corporation

Free Energy Audit

Analytical Assistance

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

Learn More:

225-638-3751 or 800-738-7232

jbishop@pcemc.org

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

Business Development

Technical Assistance

This program is designed to foster new or expanded business opportunities in south Louisiana through tax incentive programs, special start-up, and training programs.

Learn More:

Rickie Pitre

985-876-6880

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

Local Resources

Non-profit Organizations

Dixie Business Center

Revolving Loan Fund

Financial Assistance

This loan program will cover up to 75.0 percent of a non-residential project up to \$150,000. Energy efficiency improvements are eligible.

Learn More:

Norma Stewart

225-665-0809

info@dixiebusinesscenter.org

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

Manufacturing Extension Partnership of Louisiana

Manufacturing Extension Partnership

Technical and Educational Assistance

This program provides Louisiana's manufacturers with a wide variety of services including lean solutions, technical solutions, and green initiatives.

Learn More:

Corinne Dupuy

337-482-6714

337-262-5472 (fax)

corinne.dupuy@mepol.org

<http://www.mepol.org>

Local or Regional Initiatives

Center for Lean Excellence

Services

Technical and Educational Assistance

This center provides services to manufacturers such as classes on lean manufacturing, 5S System training, and lean enterprise assessment and value stream mapping.

Learn More:

800-433-7019

dave.thomas@centerforleanexcellence.org

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

Southeast Energy Efficiency Alliance (SEEA)

Regional Energy Efficiency Programs and Incentives

Education, Networking, Technical & Financial Resources

The Southeast Industrial Energy Efficiency Coalition, a project of SEEA, connects industry to financial and technical resources; fosters cooperation among industrial users, utilities & policy makers; and promotes best practices & training on industrial energy efficiency.

Learn More:

Rick Marsh

615-775-0440

rick@seealliance.org

Industrial Assessment and Clean Energy Application Centers

Gulf Coast CHP Application Center

Combined Heat and Power Application Center (CHP)

Technical and Educational Assistance

Gulf Coast CHP Application Center provides industrial manufacturers pursuing combined heat and power applications in Louisiana with technical assistance and other support such as providing information on case studies, project development and lists of local resources.

Learn More:

Daniel Bullock

281-364-6087

dbullock@harc.edu

<http://www.gulfcoastchp.org/>

University of Louisiana at Lafayette

Industrial Assessment Center (IAC)

Analytical Assistance

University of Louisiana at Lafayette IAC provides free energy use, productivity enhancement, and waste reduction assessments to qualifying manufacturers.

Learn More:

Dr. Theodore Kozman

337-482-5717

tak1485@louisiana.edu

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

Appendix A: Additional Resources

In addition to all of the incentives for industrial energy efficiency presented on the previous pages, there are also incentives for other items such as water heaters and heat pumps. The following charts include additional rebates that industrial manufacturers in the West can receive if they purchase and install energy efficiency equipment.

Energy Service Companies and other For-Profit Organizations

Energy Service Companies or ESCOs are private companies that implement energy efficiency projects. ESCOs provide financial, technical, and project design assistance. Please be advised that the entries in the following table are not comprehensive but feature a compendium of for-fee service providers.

Energy Services Companies

AECOM

Demand-side Management Programs

Demand-side Management

AECOM works with utilities to help them help their industrial customers improve their energy efficiency and conservation.

Learn More:

213-593-8200

<http://www.dmjmharris.com/Market-AndServices/42/79/index.jsp>

Ameresco

Industrial Programs

Technical Assistance

Ameresco provides technical assistance to help industrial manufacturers operate more efficiently and consume energy more effectively.

Learn More:

508-661-2200

<http://www.ameresco.com/industrial.asp>

Atlantic Energy Solutions

Energy Efficiency Financial Assistance

Financial Assistance

Financing is available for industrial manufacturers interested in implementing energy efficiency projects in their plants.

Learn More:

Bill Marzano

877-237-4524

<http://www.atlanticenergy.net/index.cfm>

Burns & McDonnell

Industrial Programs

Financial and Technical Assistance

Programs are available to help maximize energy efficiency in a plant.

Learn More:

Warren Kennedy

816-822-3384

wkennedy@burnsmcd.com
<http://www.burnsmcd.com/portal/page/portal/Internet/Service/Industrial>

Chevron Energy Solutions

Energy Programs

Financial and Technical Assistance

Chevron Energy Solutions provides both financial and technical assistance to help implement energy efficiency and renewable energy projects in plants.

Learn More:

800-982-6887

<http://www.chevronenergy.com/>

Constellation Energy

Industrial Process Improvements

Financial and Technical Assistance

Programs are available to help maximize energy efficiency in a plant, particularly in boilers, cooling systems, pumps, lighting, and compressed air systems.

Learn More:

http://www.ceprojects.com/constellation_energy/energy_projects/ep_content_ipi.html

Custom Energy Services

Industrial Programs

Technical Assistance

Industrial customers can participate in demand-side management programs that control their energy use. CES will also help them find financing for recommended energy efficiency projects.

Learn More:

800-356-1239

<http://www.customenergy.com/whatwedo/marketsectors.html>

Energy Services Coalition

Industrial Programs

Technical Assistance

Energy Services Coalition will work directly with plant managers to identify ways of improving energy efficiency as well as overall plant profitability.

Learn More:

<http://www.energyservicescoalition.org/index.html>

Energy Systems Group

Industrial Programs

Financial and Technical Assistance

Energy Systems Group helps industrial manufacturers make their plants more efficient through equipment retrofitting and the installation of new, more energy-efficient technologies.

Learn More:

812-471-5000

<http://www.energysystemsgroup.com/>

Honeywell

Industrial Programs

Financial and Technical Assistance

Programs are available to help maximize energy efficiency in a plant.

Learn More:

<http://www51.honeywell.com/honeywell/industry-and-technology.html>

Johnson Controls

Industrial Programs

Financial and Technical Assistance

Programs are available to help maximize energy efficiency in a plant. Johnson Controls also specializes in automotive interiors.

Learn More:

<http://www.johnsoncontrols.com/publish/us/en.html>

National Association of Energy Service Companies

Energy Programs

Technical Assistance

NEASCO represents all ESCOs. It also provides education, training, and events.

Learn More:

Nina Lockhart

202-822-0950

<http://www.naesco.org/default.htm>

Retro-Tech Systems

Lighting Programs

Financial and Technical Assistance

Retro-Tech Systems specializes in lighting efficiency. The company conducts lighting audits and helps industrial manufacturers implement suggested lighting improvements.

Learn More:

David Pierce

708-895-8434

<http://www.retrotechsystems.com/frames.html>

SIEMENS Industry, Incorporated

Industrial Energy and Environmental Management

Technical Assistance

Help Industrial Manufacturers meet their energy efficiency and environmental goals by supplying a complete portfolio of energy efficiency related services and products. Unique products include: comprehensive energy audits of the entire facility including compressed air, boilers, fans, pumps, motors and drives, process heating and cooling, as well as water systems.

Learn More:

Ralph Semyck

219-616-0068

ralph.semyck@siemens.com

<http://www2.sea.siemens.com/Services/IndustrialServices/energy-management-solutions/energy-and-environmental-management-solutions.htm>

Industrial Programs

Financial and Technical Assistance

Financing and technical assistance available for industrial manufacturers interested in implementing energy efficiency projects in their plants.

Learn More:

http://www.buildingtechnologies.usa.siemens.com/Services_and_Solutions/industry_solutions/?languagecode=en

Stones River Companies

Industrial Programs

Technical Assistance

Lighting and electrical analysis are available to industrial manufacturers.

Learn More:

Jami Wilson Hall

615-883-3130

jhall@stonesriverelectric.com

<http://www.stonesriverelectric.com/html/index.html>

TAC Energy Solutions

Industrial Programs

Financial and Technical Assistance
Financing and technical assistance available for industrial manufacturers interested in implementing energy efficiency projects in their plants.

Learn More:

972-323-1111

<http://www.tac.com/us/Navigate?node=1712>

TRANE

Industrial Programs

Financial and Technical Assistance
Financing and technical assistance available for industrial manufacturers interested in implementing energy efficiency projects in their plants.

TRANE specializes in HVAC units.

Learn More:

http://www.trane.com/COMMERCIAL/EnergyIaqEnvironment/8_0_EnergyIaqEnvironment.aspx?i=887

States

The following section provides additional resources available in each state in the region.

Louisiana

Utilities

Investor-owned

Entergy Louisiana

Experimental Energy Reduction Rider

Load Management

This program enables Entergy and its qualified customers to jointly participate in reducing electric demand during peak load times.

Learn More:

800-368-3749

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

Market Valued Energy Reduction Service Rider

Load Management

These programs enable Entergy and its qualified customers to jointly participate in reducing electric demand during times of peak load.

Learn More:

800-368-3749

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

Cooperatives

Dixie Electric Membership Corporation

Load Management Program

Load Management

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.

Learn More:

800-262-1170

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

Endnotes

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