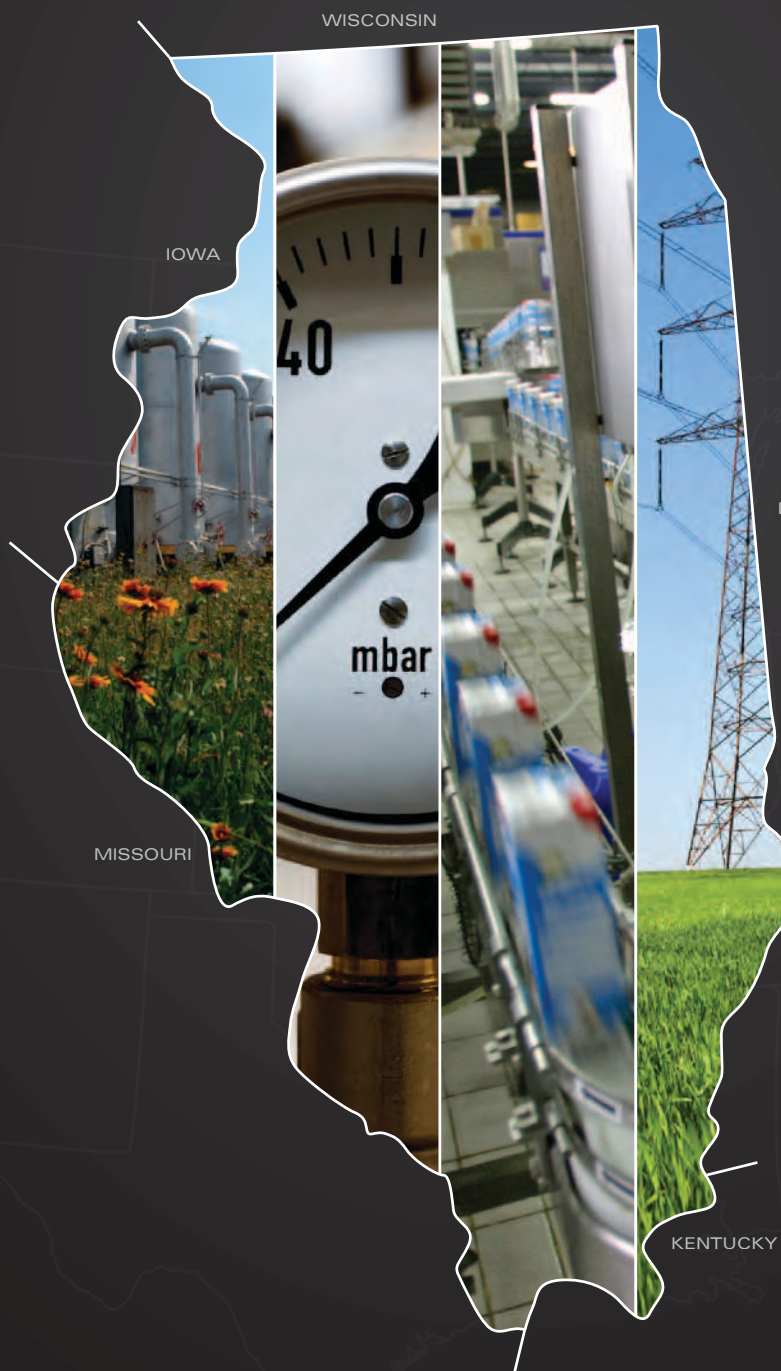


Electronic Handbook of Industrial Resources

ILLINOIS



Electronic Handbook of Industrial Resources

ILLINOIS

November 2010

Introduction

This resource provides a comprehensive listing of incentives, tools, and resources for industrial manufacturing energy efficiency in the state of Illinois. 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

Illinois has a total of 12.9 million residents and ranks 5th in the nation in terms of GDP, equaling \$633.7 billion. The state is home to 31 Fortune 500 companies. In 2008, Illinois ranked 7th in the nation for industrial energy consumption at 1,236.9 trillion Btu and 6th in the nation for industrial natural gas consumption at 267.7 trillion Btu.¹ Illinois is one of the top ethanol producing states in the United States and leads the Midwest in refining capacity. Illinois also accounts for approximately 10% of total nuclear power generation in the United States.²

Exhibit 1 below compares the industrial energy consumption in Illinois 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 Illinois

Year	Illinois Energy Consumption (Trillion Btu)	National Average (Trillion Btu)
2000	1,283.9	680.2
2001	1,215.1	642.8
2002	1,215.7	642.0
2003	1,239.0	639.6
2004	1,293.5	658.7
2005	1,275.2	696.7
2006	1,233.7	636.6
2007	1,248.7	637.0
2008	1,236.9	614.8

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

Illinois at a Glance

State Information

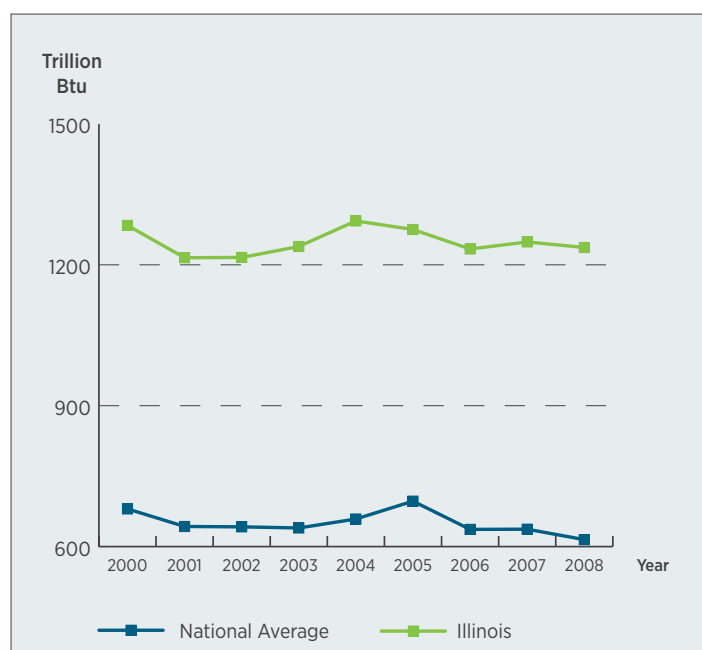
2009 Population (Million)	12.9
2008 GDP (Billion)	\$633.7
Rank by GDP	5

Energy Statistics

Total Energy Consumption 2008 (Trillion Btu)	4,088.7
Total Industrial Energy Consumption 2008 (Trillion Btu)	1,236.9
Total Industrial Energy Consumption Rank	7
Total Industrial Electricity Use 2008 (Trillion Btu)	155.3
Total Industrial Electricity Use Rank	7
Total Industrial Natural Gas Use 2008 (Trillion Btu)	267.7
Total Industrial Natural Gas Use Rank	6

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

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

Advanced Building

This program offers technical resources and information on how to build an energy efficient new facility.

For More Information:

<http://www.ecw.org/project.php?workid=1&resultid=412>

Sponsor: Energy Center of Wisconsin

Sponsor Type: Nonprofit

Back of the Envelope Calculator

This online tool for commercial and industrial managers helps analyze energy use throughout a facility.

For More Information:

<http://www.ecw.org/project.php?workid=1&resultid=286>

Sponsor: Energy Center of Wisconsin

Sponsor Type: Nonprofit

BusinessCheck®

Businesses in search of free and easy ways to lower monthly energy bills should look no further than MidAmerican Energy's BusinessCheck program. The BusinessCheck energy audit can immediately start reducing the energy costs of qualifying small businesses and provide additional ways to save on future energy costs—all at no cost to customers.

For More Information:

http://www.midamericanenergy.com/ee/sd_bus_businesscheck_onsite.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Comprehensive Education Programs and Services

The Energy Center of Wisconsin holds several training sessions and events to increase knowledge of industrial efficiency.

For More Information:

<http://www.ecw.org/university/>

Sponsor: Energy Center of Wisconsin

Sponsor Type: Nonprofit

Custom Systems Energy Efficiency Program

Businesses are eligible for rebates or financing on the purchase and installation of energy efficient equipment in existing buildings.

For More Information:

http://www.midamericanenergy.com/ee/ia_bus_custom_systems.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Efficiency Bid

MidAmerican submits RFPs twice a year for industrial customers with 3 MW or higher demand that wish to implement energy efficiency measures. The winners will be chosen by MidAmerican based on the merit of proposals.

For More Information:

http://www.midamericanenergy.com/ee/ia_bus_eff_bid.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Energy Audit

North Shore Gas will have professional energy auditors visit a facility and locate ways in which business can conserve more energy and save money, including investment in more energy efficient appliances.

For More Information:

<http://www.northshoregasdelivery.com/business/audits.aspx>

Sponsor: North Shore Gas

Sponsor Type: Utility

Energy Audit

Peoples Gas will have professional energy auditors come to a facility and locate ways in which a business can conserve more energy and save money, including investment in more energy efficient appliances.

For More Information:

<http://www.peoplesgasdelivery.com/business/audits.aspx>

Sponsor: Peoples Gas

Sponsor Type: Utility

Energy Dollars Program

Northern Illinois Gas Company provides energy assessment tools to help commercial and industrial customers reduce energy costs.

For More Information:

http://www.nicor.com/en_us/commercial/planning_needs/default.htm

Sponsor: Northern Illinois Gas Company

Sponsor Type: Utility

Energy Efficiency Library

This online library houses more than 6,500 resources on energy efficiency for commercial and industrial managers.

For More Information:

<http://www.ecw.org/library.php>

Sponsor: Energy Center of Wisconsin

Sponsor Type: Nonprofit

Energy Services

Seminole Energy Services offers businesses services including peak shaving, load management, energy audits, and consulting services.

For More Information:

<http://www.seminoleenergy.com/services.commercial.aspx>

Sponsor: Seminole Energy Services

Sponsor Type: Other

EnergyAdvantage for Business

MidAmerican Energy Company's EnergyAdvantage® programs are designed to encourage the use of high-efficiency space and water heating equipment, central air conditioning, lighting, and other measures in commercial and industrial buildings.

For More Information:

http://www.midamericanenergy.com/ee/il_bus_rebates_lighting.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Industrial Technology Fact Sheets

These fact sheets on energy efficiency are available for industrial managers.

For More Information:

<http://www.ecw.org/projectdetail.php?projectid=78>

Sponsor: Energy Center of Wisconsin

Sponsor Type: Nonprofit

ISEA Events Calendar

Illinois Solar Energy Association (ISEA) offers a variety of seminars and courses designed to help people learn about sustainable energy practices and how to implement them successfully.

For More Information:

<http://www.illinoissolar.org/events>

Sponsor: Illinois Solar Energy Association

Sponsor Type: Nonprofit

Non-Residential Energy Analysis

Businesses that are 25,000 square feet or larger are eligible for a free energy audit. Energy savings measures identified in the audit are often incentivized through other programs from MidAmerican.

For More Information:

http://www.midamericanenergy.com/ee/ia_bus_eff_partners.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Constellation NewEnergy Online

This energy-management tool is available to all electricity customers free of charge. The tool allows customers to find opportunities to improve a company's energy efficiency, track changes in a 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

Lighting

Customized Incentives

There are incentives available for businesses seeking energy efficiency upgrades not covered in ComEd's standard program offerings.

For More Information:

<http://www.comed.com/businesssavings/programs/incentives/CustomProjects.htm>

Sponsor: ComEd
Sponsor Type: Utility

Lighting Equipment Program

This program offers businesses rebates on the purchase of high-efficiency lighting equipment.

For More Information:

http://www.midamericanenergy.com/ee/include/pdf/ia_lighting.pdf

Sponsor: MidAmerican Energy
Sponsor Type: Utility

Lighting Incentives

Ameren provides cash incentives to reduce the purchase of premium, reliable, energy efficient lighting products.

For More Information:

<http://www.actonenergy.com/for-my-business/business-incentive-programs/lighting-incentives/>

Sponsor: Ameren
Sponsor Type: Utility

Lighting Incentives

Rebates are available for the purchase and installation of high-efficiency lighting fixtures, bulbs/tubes, and occupancy sensors, as well as for the removal of permanent light fixtures.

For More Information:

http://www.comed.com/sites/businesssavings/Pages/prescriptiveprojects_lighting.aspx

Sponsor: ComEd
Sponsor Type: Utility

Value-Added Partner Network

Ameren's Value-Added Partner Network (VPN) can help businesses find a contractor with the proper training and knowledge to provide energy-related services for commercial and industrial customers.

For More Information:

<http://www.ameren.com/BusinessPartners/Pages/valueaddedpartnernet-work.aspx>

Sponsor: Ameren
Sponsor Type: Utility

CityLights Commercial Lighting Audit

This free service provides a lighting auditor that will survey a building, discuss lighting needs, and put together a lighting retrofit plan—complete with estimated purchase and installation costs and anticipated annual savings compared to current lighting operating costs.

For More Information:

http://www.cwlp.com/energy_services/ESO_services_programs/citylights.htm

Sponsor: City Water Light and Power
Sponsor Type: Local

HVAC

Chicagoland Natural Gas Savings Program

Homeowners, landlords, and small business owners are eligible for rebates on energy efficient furnaces, boilers, water heaters, insulation, and clothes washers purchased between now and February 15, 2010.

For More Information:

http://www.conservationrebates.com/programs/chi/CHI_Index.aspx

Sponsor: Peoples Gas and North Shore Gas
Sponsor Type: Utility

Customized Incentives

There are incentives available for businesses seeking energy efficiency upgrades not covered in ComEd's standard program offerings.

For More Information:

<http://www.comed.com/businesssavings/programs/incentives/CustomProjects.htm>

Sponsor: ComEd
Sponsor Type: Utility

HVAC Incentives

Rebates are available for HVAC system upgrades.

For More Information:

http://www.comed.com/sites/businesssavings/Pages/prescriptiveprojects_hvac.aspx

Sponsor: ComEd
Sponsor Type: Utility

HVAC System Incentives

Ameren provides cash incentives to reduce the purchase of premium, reliable, energy efficient HVAC products.

For More Information:

<http://www.actonenergy.com/for-my-business/business-incentive-programs/hvac-system-incentives/>

Sponsor: Ameren

Sponsor Type: Utility

Loan Program

Eastern Illini Electric Cooperative offers low-interest loans for geothermal systems, standby generators, electric air source heat pumps, air source heat pumps with gas backup, and electric service upgrades.

For More Information:

http://www.eiec.org/services_loans.html

Sponsor: Eastern Illini Electric Cooperative

Sponsor Type: Utility

The Small Business HVAC Program

The Small Business HVAC Program provides incentives intended to support projects that improve the performance of existing heating and cooling equipment or that support installation of new premium-efficiency, natural-gas heating equipment.

For More Information:

<http://www.actonenergy.com/business-programs-small-business-hvac.asp>

Sponsor: Ameren

Sponsor Type: Utility

Value-Added Partner Network

Ameren's Value-Added Partner Network (VPN) can help businesses find a contractor with the proper training and knowledge to provide energy-related services for commercial and industrial customers.

For More Information:

<http://www.ameren.com/BusinessPartners/Pages/valueaddedpartnernet-work.aspx>

Sponsor: Ameren

Sponsor Type: Utility

Commercial Energy Efficiency Rebate Programs

City Water Light and Power has two rebates to help commercial customers increase energy efficiency at facilities. Energy efficient air-to-air, geothermal, and water-loop-system heat pumps are eligible for per-kBtu/h rebates, which vary according to technology type, as well as whether the equipment is a replacement unit or used for new construction. Another rebate will pay for 10% of the cost of installing insulation, up to \$100.

For More Information:

http://www.cwlp.com/special_services/special_business_services.htm

Sponsor: City Water Light and Power

Sponsor Type: Local

Commercial Water Loop Heat Pump Rebate

CWLP offers rebates for new heat pumps installed in a company's facility.

For More Information:

http://www.cwlp.com/energy_services/ESO_services_programs/water-loop_hp_reb.htm

Sponsor: City Water Light and Power

Sponsor Type: Local

Heat Pump Rebate

City Water Light and Power (CWLP) offers rebates, in the form of electric bill credits, to CWLP electric customers that install qualifying heat pumps in homes or businesses.

For More Information:

http://www.cwlp.com/energy_services/ESO_services_programs/hp_reb.htm

Sponsor: City Water Light and Power

Sponsor Type: Local

Building Systems

Chicagoland Natural Gas Savings Program

Homeowners, landlords, and small business owners are eligible for rebates on energy efficient furnaces, boilers, water heaters, insulation, and clothes washers.

For More Information:

http://www.conservationrebates.com/programs/chi/CHI_Index.aspx

Sponsor: Peoples Gas and North Shore Gas

Sponsor Type: Utility

Commercial New Construction Energy Efficiency Program

This program offers business customers incentives for energy efficient construction and design of new or preexisting buildings.

For More Information:

http://www.midamericanenergy.com/ee/ia_bus_comm_new_construction.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Efficiency Rebates

Jo-Carroll Energy offers a number of electric and natural gas rebates for energy efficient equipment.

For More Information:

<http://www.jocarroll.com/docs/2010Rebate%20Forms.pdf>

Sponsor: Jo-Carroll Energy

Sponsor Type: Utility

Green Business Building Pilot Program

The Green Business Building Pilot Program will provide grants of up to \$100,000 per facility for design assistance for private-sector construction projects. These projects must meet a minimum Leadership in Energy and Environmental Design (LEED) level of gold and achieve energy performance

of at least 20% above the minimum energy code while achieving minimum standards for best practices in solid waste management.

For More Information:

<http://www.illinoisbiz.biz/dceo/Print/default.htm?uid={D64DDE44-D5EE-4C4D-9447-C469806AF1B2}>

Sponsor: Illinois Department of Commerce and Economic Opportunity

Sponsor Type: State

Heating and Cooling Equipment Program

Commercial and industrial customers are eligible for rebates in high-efficiency natural gas and water heating equipment or electric heating and cooling equipment.

For More Information:

http://www.midamericanenergy.com/ee/sd_bus_rebates_heating.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Non-Residential Insulation Program

Business customers that invest in insulation upgrades to buildings are eligible for rebates. Financing may also be available.

For More Information:

<http://www.midamericanenergy.com/html/energy6n.aspx>http://www.midamericanenergy.com/ee/ia_bus_rebates_insulation.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Participation Loan Program (PLP)

This program is designed to work through banks and other conventional lending institutions to provide subordinated financial assistance to

Illinois small businesses that employ Illinois workers. A business with 500 or fewer employees may apply for a PLP loan between the amounts of \$10,000 and \$750,000. Loans shall not exceed 25% of the total project and may not be used for debt refinancing or contingency funding. Funds available through the PLP program can be used for a number of business activities, such as purchase and installation of machinery and equipment, working capital, purchase of land, and construction or renovation of buildings.

For More Information:

http://www.illinoisbiz.biz/dceo/Bureaus/Business_Development/Loan+Programs/plp.htm

Sponsor: Illinois Department of Commerce and Economic Opportunity

Sponsor Type: State

Refrigeration Incentives

Ameren provides cash incentives to reduce the purchase of premium, reliable, energy efficient refrigeration equipment, refrigeration controls, vending machines, and icemakers.

For More Information:

<http://www.actonenergy.com/for-my-business/business-incentive-programs/refrigeration-incentives/>

Sponsor: Ameren

Sponsor Type: Utility

Refrigeration Incentives

Rebates are available for refrigeration upgrades including strip curtains, controls, door closers, and vending machines.

For More Information:

http://www.comed.com/sites/businesssavings/Pages/prescriptiveprojects_refrigeration.aspx

Sponsor: ComEd

Sponsor Type: Utility

Green Permit Program

Projects accepted into the Green Permit Program can receive permits in less than 30 business days and, in some cases, in as little as 15 business days. The number of green building elements included in the project plans and project complexity determine the length of the timeline. Projects that meet more stringent sustainability guidelines may also qualify for a waiver of consultant code review fees.

For More Information:

http://www.cityofchicago.org/city/en/depts/bldgs/provdrs/green_permit.html

Sponsor: Chicago Department of Construction and Permits

Sponsor Type: Local

Super-Charged Insulation Rebate

This program offers rebates equal to 30% (up to a maximum rebate of \$500) of the cost of purchasing and installing qualifying insulation in properties receiving CWLP retail electric service. In new construction, the rebate is available only for material and labor costs associated with above-code levels of insulation that are installed. The rebate also applies to costs incurred as a result of installing qualifying passive (nonmechanical) ventilation systems. The Super-Charged Insulation Rebate applies only to purchases/installations made on or after September 1, 2007.

For More Information:

http://www.cwlp.com/energy_services/ESO_services_programs/insulation_rebate.htm

Sponsor: City Water Light and Power

Sponsor Type: Local

Industrial Systems / Process Specific

Ameren Economic Development Financing Solutions Program

The Ameren Economic Development Financing Solutions Program offers innovative and flexible financing for a business's growing needs. Through a partnership with a leading financial institution, the following product offerings are available: equipment leases, loans and refinancing, sale leasebacks, facilities financing, and industrial development bonds. In addition, lifecycle solutions are available for certain types of equipment.

For More Information:

http://www.ameren.com/source/EcDev/Documents/ADC_EcDevBrochure.pdf

Sponsor: Ameren

Sponsor Type: Utility

Chicagoland Natural Gas Savings Program

Homeowners, landlords, and small business owners are eligible for rebates on energy efficient furnaces, boilers, water heaters, insulation, and clothes washers.

For More Information:

http://www.conservationrebates.com/programs/chi/CHI_Index.aspx

Sponsor: Peoples Gas and North Shore Gas

Sponsor Type: Utility

Custom Cash Incentives

Ameren provides cash incentives for energy efficient projects, designs, and the installation of energy efficient equipment and products.

For More Information:

<http://www.actonenergy.com/for-my-business/business-incentive-programs/custom-incentives/>

Sponsor: Ameren

Sponsor Type: Utility

Customized Incentives

There are incentives available for businesses seeking energy efficiency upgrades not covered in ComEd's standard program offerings.

For More Information:

<http://www.comed.com/businesssavings/programs/incentives/CustomProjects.htm>

Sponsor: ComEd

Sponsor Type: Utility

Energy and Environmental Programs—Financial

The center offers loans to finance energy efficiency and pollution prevention projects.

For More Information:

<http://www.p2e2center.org/services.php>

Sponsor: Delta Pollution Prevention and Energy Efficiency Center

Sponsor Type: Other

Energy and Environmental Programs—Technical

The center offers energy and water assessments, case studies, and greenhouse gas emissions analysis.

For More Information:

<http://www.p2e2center.org/services.php>

Sponsor: Delta Pollution Prevention and Energy Efficiency Center

Sponsor Type: Other

Energy Efficiency Assistance

The Energy Center of Wisconsin offers technical assistance, energy analysis, training, resources, and fact sheets.

For More Information:

<http://www.ecw.org/whatwedo.php>

Sponsor: Energy Center of Wisconsin

Sponsor Type: Nonprofit

Energy Efficiency Assistance

The Midwest Food Processors Association offers education, training, and energy efficiency resources.

For More Information:

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

Sponsor: Midwest Food Processors Association

Sponsor Type: Other

Illinois Industries of the Future Program

Illinois Industries of the Future (IOF) program provides educational information on crosscutting technologies for the industrial market.

For More Information:

<http://www.erc.uic.edu/iof/index.html>

Sponsor: Energy Resources Center, University of Illinois at Chicago

Sponsor Type: Other

Machinery Laser Alignment

Ameren's machinery laser alignment service uses a computer and laser to match up the position of two rotating shafts. The company's technicians then align the shaft on a motor with the shaft on a pump, fan, compressor, or gearbox, allowing the two shafts to rotate as one, reducing wear on bearings, seals, and couplings.

For More Information:

<http://www.ameren.com/source/Business/Documents/BusEnergyEfficiencyBrochure.pdf>

Sponsor: Ameren

Sponsor Type: Utility

Manufacturing Energy Efficiency Program (MEEP)

The program involves key decision-makers in Illinois' manufacturing facilities and focuses on measures that can bring high returns with modest investments. MEEP offers Illinois manufacturers total energy cost optimization planning including energy information management systems, information on purchasing options available due to electric deregulation, and guidance on low-cost financing options for energy efficiency improvements.

For More Information:

http://www.illinoisbiz.biz/dceo/Bureaus/Energy_Recycling/Energy/Energy+Efficiency/meep_program.htm

Sponsor: Illinois Department of Commerce and Economic Opportunity
Sponsor Type: State

Midwest Combined Heat and Power Application Center

The center has the objective of making combined heat and power (CHP) applications commercially available. The center will work with a plant to see if CHP can help improve process efficiency.

For More Information:

<http://www.chpcentermw.org/home.html>

Sponsor: University of Illinois at Chicago Energy Resources
Sponsor Type: Other

Midwest Combined Heat and Power Application Center

The center has the objective of making combined heat and power (CHP) applications commercially available. The center will work with a plant to see if CHP can help improve process efficiency.

For More Information:

<http://www.chpcentermw.org/home.html>

Sponsor: University of Illinois at Chicago Energy Resources
Sponsor Type: Other

Motor Incentives

Rebates of up to \$7 per HP are available for upgrading to NEMA Premium Efficiency motors.

For More Information:

http://www.comed.com/sites/businesssavings/Pages/prescriptiveprojects_motors.aspx

Sponsor: ComEd
Sponsor Type: Utility

Motor System Incentives

Ameren provides cash incentives to reduce the purchase of premium, reliable, energy efficient motors.

For More Information:

<http://www.actonenergy.com/for-my-business/business-incentive-programs/motor-system-incentives/>

Sponsor: Ameren
Sponsor Type: Utility

Motors and Variable Speed Drives Energy Efficiency Program

Rebates for installation of energy efficient motors and/or variable speed drive equipment are available to business customers.

For More Information:

http://www.midamericanenergy.com/ee/ia_bus_rebates_motors.aspx

Sponsor: MidAmerican Energy
Sponsor Type: Utility

Participation Loan Program (PLP)

This program is designed to work through banks and other conventional lending institutions to provide subordinated financial assistance to Illinois small businesses that employ Illinois workers. A business with 500 or fewer employees may apply for a PLP loan between the amounts of \$10,000 and \$750,000. Loans shall not exceed 25% of the total project and may not be used for debt refinancing

or contingency funding. Funds available through the PLP program can be used for a number of business activities, such as purchase and installation of machinery and equipment, working capital, purchase of land, and construction or renovation of buildings.

For More Information:

http://www.illinoisbiz.biz/dceo/Bureaus/Business_Development/Loan+Programs/plp.htm

Sponsor: Illinois Department of Commerce and Economic Opportunity
Sponsor Type: State

Refrigeration Incentives

Ameren provides cash incentives to reduce the purchase of premium, reliable, energy efficient refrigeration equipment, refrigeration controls, vending machines, and icemakers.

For More Information:

<http://www.actonenergy.com/for-my-business/business-incentive-programs/refrigeration-incentives/>

Sponsor: Ameren
Sponsor Type: Utility

Retro-Commissioning

ComEd's engineers will review a business's facilities, inspect energy using equipment, and help the business develop a roadmap toward a more efficient facility.

For More Information:

http://www.comed.com/sites/businesssavings/Pages/retrocommissioning_commercial.aspx

Sponsor: ComEd
Sponsor Type: Utility

The Manufacturing Modernization Loan Program

The Manufacturing Modernization Loan Program is designed to provide manufacturers with access to adequate and affordable financing for upgrading and modernizing manufacturing equipment and operations.

For More Information:

http://www.illinoisbiz.biz/dceo/Bureaus/Business_Development/Loan+Programs/mmlp.htm

Sponsor: Illinois Department of Commerce and Economic Opportunity

Sponsor Type: State

Total Assessment Audits—Chemicals Program

The Total Assessment Audits Chemicals program is a holistic, multiorganizational business assistance effort that provides onsite energy conservation, waste minimization, and productivity improvement services at no cost to small- and medium-sized chemicals companies.

For More Information:

http://www.erc.uic.edu/projects/taa_chem.htm

Sponsor: Energy Resources Center, University of Illinois at Chicago

Sponsor Type: Other

Value-Added Partner Network

Ameren's Value-Added Partner Network (VPN) can help businesses find a contractor with the proper training and knowledge to provide energy-related services for commercial and industrial customers.

For More Information: <http://www.ameren.com/BusinessPartners/Pages/valueaddedpartnernetwork.aspx>

Sponsor: Ameren

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 Sources

Education & Workforce Training

The NCERC is a not-for-profit research center providing workforce training at an affordable cost to industry.

For More Information:

<http://www.ethanolresearch.com/ethanolresearch/workforce-training.shtml>

Sponsor: National Corn-to-Ethanol Research Center

Sponsor Type: Other

Illinois Clean Energy Community Foundation Grants

The Illinois Clean Energy Community Foundation (ICECF) provides grants on a competitive basis to programs and projects that improve energy efficiency, develop renewable-energy resources, and preserve and enhance natural areas and wildlife habitats in Illinois.

For More Information:

<http://www.illinoiscleanenergy.org/grants.asp>

Sponsor: Illinois Clean Energy Community Foundation

Sponsor Type: Nonprofit

ISEA Events Calendar

Illinois Solar Energy Association (ISEA) offers a variety of seminars and courses designed to help people learn about sustainable energy practices and how to implement them successfully.

For More Information:

<http://www.illinoissolar.org/events>

Sponsor: Illinois Solar Energy Association

Sponsor Type: Nonprofit

Loan Program

Eastern Illini Electric Cooperative offers low-interest loans for geothermal systems, standby generators, electric air source heat pumps, air source heat pumps with gas backup, and electric service upgrades.

For More Information:

http://www.eiec.org/services_loans.html

Sponsor: Eastern Illini Electric Cooperative

Sponsor Type: Utility

Renewable Energy

Solar water heating and small wind projects are incentivized by the Illinois Solar Grant Program. Solar hot water systems are eligible for rebates up to 30% of project costs; small wind rebates are up to 50% of project costs with a \$25,000 cap.

For More Information:

<http://www.recc.coop/Energy-Use/Renewable-Energy.asp>

Sponsor: Rural Electric Convenience Cooperative

Sponsor Type: Utility

Renewable Energy Resources Program Rebates

Under new program guidelines issued in June 2006, rebates are available for solar energy systems installed in Illinois after January 1, 2005. The Illinois Department of Commerce and Economic Opportunity offers rebates of up to 30% of an individual system's cost, with a maximum individual award of \$10,000.

For More Information:

http://www.commerce.state.il.us/dceo/Bureaus/Energy_Recycling/Energy/Clean+Energy/01-RERP.htm

Sponsor: Illinois Department of Commerce and Economic Opportunity

Sponsor Type: State

Special Assessment for Renewable Energy Systems

Illinois offers a special assessment of solar energy systems for property tax purposes. For property owners that register with a chief county assessment officer, solar equipment is valued at no more than a conventional energy system. Eligible equipment includes active solar energy systems, passive solar energy systems, wind energy systems, and geothermal energy systems.

For More Information:

http://www.commerce.state.il.us/dceo/Bureaus/Energy_Recycling/Energy/

Sponsor: Illinois Department of Commerce and Economic Opportunity
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

Load Management

Ameren Abacus

Abacus, the meter information management system from Ameren, combines wireless meter technology with the Internet to provide businesses with a way to monitor, track, and record energy demand and usage.

For More Information:

<http://abacus2.ameren.com/>

Sponsor: Ameren
Sponsor Type: Utility

Back of the Envelope Calculator

This online tool for commercial and industrial managers helps analyze energy use throughout a facility.

For More Information:

<http://www.ecw.org/project.php?workid=1&resultid=286>

Sponsor: Energy Center of Wisconsin
Sponsor Type: Nonprofit

Business Energy Analysis Tool

This self-assessment tool can help customers understand how small businesses use energy and inform customers of what can be done to reduce energy use and costs.

For More Information:

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

Sponsor: ComEd
Sponsor Type: Utility

Curtailment Program

Industrial or commercial customers capable of reducing electricity use by 250 kW or more during peak demand periods are eligible for the curtailment credit of \$39.62 per kW curtailed.

For More Information:

http://www.midamericanenergy.com/ee/il_bus_curtailment.aspx

Sponsor: MidAmerican Energy
Sponsor Type: Utility

Efficiency Bid

MidAmerican submits RFPs twice a year for industrial customers with 3 MW or higher demand that wish to implement energy efficiency measures. The winners will be chosen by MidAmerican based on the merit of proposals.

For More Information:

http://www.midamericanenergy.com/ee/ia_bus_eff_bid.aspx

Sponsor: MidAmerican Energy
Sponsor Type: Utility

Energy Audit

North Shore Gas will have professional energy auditors visit a facility and locate ways in which a business can conserve more energy and save money, including when to invest in more energy efficient appliances.

For More Information:

<http://www.northshoregasdelivery.com/business/audits.aspx>

Sponsor: North Shore Gas
Sponsor Type: Utility

Energy Audit

Peoples Gas will have professional energy auditors visit a facility and locate ways in which a business can conserve more energy and save money, including when to invest in more energy efficient appliances.

For More Information:

<http://www.peoplesgasdelivery.com/business/audits.aspx>

Sponsor: Peoples Gas
Sponsor Type: Utility

Energy Dollars Program

Northern Illinois Gas Company provides energy assessment tools to help commercial and Industrial customers reduce energy costs.

For More Information:

http://www.nicor.com/en_us/commercial/planning_needs/default.htm

Sponsor: Northern Illinois Gas Co.
Sponsor Type: Utility

Energy Efficiency Assistance

The Energy Center of Wisconsin offers technical assistance, energy analysis, training, resources, and fact sheets.

For More Information:

<http://www.ecw.org/whatwedo.php>

Sponsor: Energy Center of Wisconsin
Sponsor Type: Nonprofit

Energy Insights Online

Energy Insights Online monitors electricity consumption via special recording meters and converts this data into simple, easy-to-understand usage graphs and reports that businesses can access anywhere via the Internet.

For More Information:

<http://www.comed.com/sites/businesssavings/Pages/energyinsights.aspx>

Sponsor: ComEd

Sponsor Type: Utility

Energy Services

Seminole Energy Services offers businesses services including peak shaving, load management, energy audits, and consulting services.

For More Information:

<http://www.seminoleenergy.com/services.commercial.aspx>

Sponsor: Seminole Energy Services

Sponsor Type: Other

Load Management Credits

Customers can receive \$4 per month for allowing Eastern Illini Electric Cooperative to install a load-management switch to an electric water heater.

For More Information:

http://www.eiec.org/use_loadman.html

Sponsor: Eastern Illini Electric Cooperative

Sponsor Type: Utility

Non-Residential Energy Analysis

Businesses that are 25,000 square feet or larger are eligible for a free energy audit. Energy savings measures identified in the audit are often incentivized through other programs from MidAmerican.

For More Information:

http://www.midamericanenergy.com/ee/ia_bus_eff_partners.aspx

Sponsor: MidAmerican Energy

Sponsor Type: Utility

Retro-Commissioning

ComEd's engineers will review business facilities, inspect energy using equipment, and assist with the development of a roadmap toward a more efficient facility.

For More Information:

http://www.comed.com/sites/businesssavings/Pages/retrocommissioning_commercial.aspx

Sponsor: ComEd

Sponsor Type: Utility

Smart Returns

ComEd Smart Returns is a load response program that pays business customers financial incentives for reducing electricity usage during times of high wholesale electricity prices when requested by ComEd.

For More Information:

<http://www.comed.com/businesssavings/programs/incentives/LoadResponse.htm>

Sponsor: ComEd

Sponsor Type: Utility

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 a company's energy efficiency, track changes in a 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

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 Illinois.” http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=IL.
- ² Energy Information Administration, “State/Territory Energy Profiles,” Accessed October 4, 2010. http://tonto.eia.doe.gov/state/state_energy_profiles.cfm?sid=IL.

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