

Electronic Handbook of Industrial Resources

KANSAS

COLORADO



NEBRASKA



MISSOURI



OKLAHOMA

Electronic Handbook of Industrial Resources

KANSAS

November 2010

Introduction

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

Kansas is home to 2.8 million residents and ranks 32nd in the nation in terms of GDP, which is \$122.7 billion. In 2008, Kansas ranked 25th in the nation's industrial energy consumption at 420.0 trillion Btu and 15th in the nation's industrial natural gas consumption at 133.4 trillion Btu. Kansas' leading industries include transportation equipment manufacturing, food manufacturing, and petroleum and coal products manufacturing.¹ The industrial sector leads Kansas's energy consumption.²

While Kansas' flat plains rank among the top ten wind-producing States in the Nation, renewable energy generation is a minimal contributor to the State's electricity supply. Kansas is home to a major natural gas supply hub that merges production from several states in the region before piping it east toward major consumption markets. Its natural gas production from coal bed methane is rapidly expanding in the Cherokee Platform, where reserves have become economically recoverable.³

Exhibit 1 below compares the industrial energy consumption in Kansas 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 Kansas

Year	Kansas Energy Consumption (Trillion Btu)	National Average (Trillion Btu)
2000	406.1	680.2
2001	384.5	642.8
2002	394.8	642.0
2003	411.3	639.6
2004	410.7	658.7
2005	361.0	696.7
2006	386.1	636.6
2007	438.5	637.0
2008	420.0	614.8

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

Kansas at a Glance

State Information

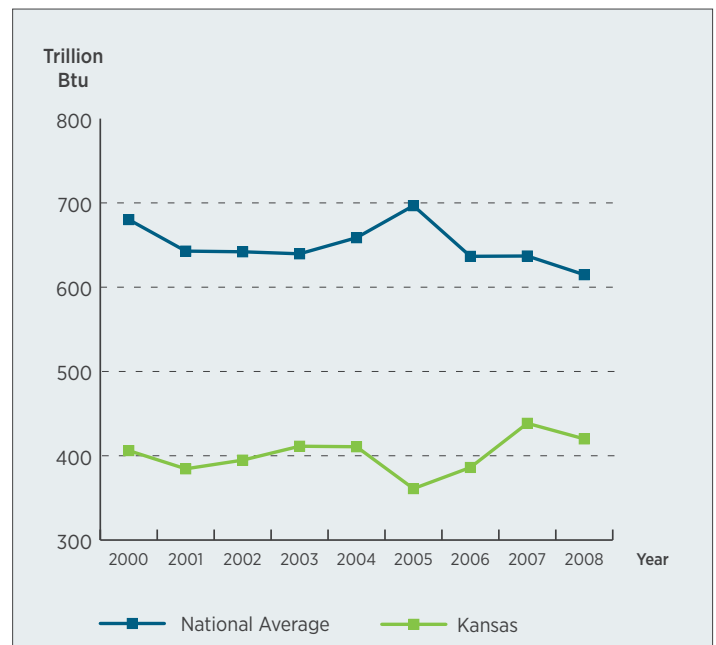
2009 Population (Million)	2.8
2008 GDP (Billion)	\$122.7
Rank by GDP	32

Energy Statistics

Total Energy Consumption 2008 (Trillion Btu)	1,135.6
Total Industrial Energy Consumption 2008 (Trillion Btu)	420.0
Total Industrial Energy Consumption Rank	25
Total Industrial Electricity Use 2008 (Trillion Btu)	36.7
Total Industrial Electricity Use Rank	31
Total Industrial Natural Gas Use 2008 (Trillion Btu)	133.4
Total Industrial Natural Gas Use Rank	15

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

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

Building Systems

Commercial Buildings Tax Incentives

Businesses that reduce energy consumption associated with heating and cooling commercial buildings are eligible for a federal income tax deduction of up to \$1.80 per square foot, provided the energy usage is 50% less than a building that meets ASHRAE Standard 90.1-2001. A partial tax deduction can be taken for measures improving building envelope, lighting, or heating and cooling systems. This deduction is available until December 31, 2013.

For More Information:
http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Corporation Commission
Sponsor Type: State

Commercial Energy Suite

Prairie Land offers a number of tools including a commercial energy calculator to its customers.

For More Information:
<http://prairielandelectric.apogee.net/comsuite/>

Sponsor: Prairie Land Electric Coop, Inc.
Sponsor Type: Utility

Commercial/Industrial Energy Audit

An energy audit of your facility can help identify how to improve energy efficiency. Customers who have an energy audit performed by a KCP&L certified auditor are eligible for a rebate to cover up to 50% of the cost of the audit. Audit rebates are provided once a customer installs energy efficient equipment that has been recommended in the resulting Audit Report

For More Information:

<http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Custom Rebate New Construction Program

The utility offers incentives to commercial customers that install energy efficient equipment in a newly constructed facility. Rebates are up to 50% of the total project cost.

For More Information:
<http://www.kcplprograms.com/content/customrebatesnewconstruction>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$100 rebate if they purchase an electric water heater. If the water heater has a lifetime warranty, the rebate is increased to \$150.

For More Information:

<http://www.arkvalley.com/waterheaters.htm>

Sponsor: Ark Valley Electric
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$75-\$175 rebate if they purchase or replace an electric water heater.

For More Information:

<http://bluestemelectric.com/?page=readarticle&articleid=19>

Sponsor: Bluestem Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$100 rebate if they purchase an electric water heater. If the water heater has a lifetime warranty, the rebate is increased to \$150.

For More Information:

<http://www.baelectric.com/barebate.html>

Sponsor: Brown Atchison Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$100-\$200 rebate if they purchase or replace an electric water heater.

For More Information:

<http://www.caneyvalley.com/rebates.htm>

Sponsor: Caney Valley Electric Cooperative Association
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$150 rebate if they purchase an electric water heater. If the water heater has a lifetime warranty, the rebate is increased to \$200.

For More Information:

<http://www.cmselectric.com/water%20heater%20rebate.pdf>

Sponsor: CMS Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$100 rebate if they purchase an electric water heater.

For More Information:

<http://www.flinthillsrec.com/rebates.aspx>

Sponsor: Flint Hills Rural Electric Cooperative Association
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$200 rebate if they purchase an electric water heater. If the water heater has a lifetime warranty, the rebate is increased to \$300.

For More Information:

http://www.heartland-rec.com/appliance_rebates.aspx

Sponsor: Heartland Rural Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$100 rebate if they purchase an electric water heater. If the water heater has a lifetime warranty, the rebate is increased to \$150.

For More Information:

<http://www.ljec.coop/rebates.htm>

Sponsor: Leavenworth Jefferson Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$100 rebate if they purchase an electric water heater. If the water heater has a lifetime warranty, the rebate is increased to \$200.

For More Information:

<http://www.lyon-coffey.coop/documents/waterheater.pdf>

Sponsor: Lyon-Coffey Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$100 rebate if they purchase an electric water heater. If the water heater has a lifetime warranty, the rebate is increased to \$150.

For More Information:

<http://www.ninnescah.com/site.php?page=rebates>

Sponsor: Ninnescah Rural Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$125 rebate if they purchase an electric water heater.

For More Information:

<http://www.radiantec.coop/pages/rebates>

Sponsor: Radiant Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$75-\$325 rebate if they purchase an electric water heater.

For More Information:

<http://www.rollinghills.coop/service3.html>

Sponsor: Rolling Hills Electric Cooperative
Sponsor Type: Utility

Electric Water Heater Rebate Program

Customers will receive a \$125 rebate if they purchase a new electric water heater or replace a gas model. The rebate is \$75 if a customer replaces an existing electric water heater.

For More Information:

<http://www.sucocoop.com/Page410.htm>

Sponsor: Sumner-Cowley Electric Cooperative

Sponsor Type: Utility

Energy Optimizer Programs

The utility offers a free programmable thermostat worth \$300 to qualifying customers to manage energy usage.

For More Information:

<http://www.kcpl.com/residential/acc.html>

Sponsor: Kansas City Power and Light

Sponsor Type: Utility

ERC Loan

Loans are available for projects that improve energy efficiency. Loans are available for \$2,500 to \$10,000 with repayment periods up to 7 years.

For More Information:

http://www.alfalfacelectric.com/product_loans.htm

Sponsor: Alfalfa Electric Cooperative

Sponsor Type: Utility

How\$mart Program

How\$mart provides money for energy efficiency improvements such as insulation, air sealing and new heating and cooling systems. Participating customers repay the funds through energy savings on their monthly Midwest Energy bills.

For More Information:

<http://www.mwenergy.com/howsmart.aspx>

Sponsor: Midwest Energy

Sponsor Type: Utility

Water Heater Rebate

The cooperative offers rebates of \$200 to \$250 for the purchase of an energy-efficient water heater.

For More Information:

http://www.alfalfacelectric.coop/product_water_heaters.htm

Sponsor: Alfalfa Electric Cooperative

Sponsor Type: Utility

Water Heater Rebate

Kansas Electric Power Cooperative offers a rebate on water heaters. The minimum unit size is 40 gallons. For a water heater less than 60 gallons, the water heater must have an Energy Factor (EF) of .93 or above. For a water heater 60 gallons or larger, the water heater must have an EF of .91 or above.

For More Information:

http://www.kepco.org/Home_Page/Rebate_Program.html

Sponsor: Kansas Electric Power Cooperative

Sponsor Type: Other

WattSaver Program

This utility offers a free professionally installed programmable thermostat which allows residential and business customer to manage their temperature from any computer with Internet access.

For More Information:

<http://www.westarenergy.com/wcm.nsf/content/overview>

Sponsor: Westar Energy

Sponsor Type: Utility

Energy Sources

Biomass-to-Energy Plant Tax Credit

Biomass-to-energy plants that are constructed or expanded before January 1, 2011, are eligible for a tax credit against state income taxes. This tax credit is for 10% of the taxpayer's qualified investment on the first \$250 million invested, and 5% of qualified investments thereafter.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Department of Commerce

Sponsor Type: State

Carbon Dioxide Capture/Sequestration Tax Deduction

Businesses are allowed to deduct from state income taxes the amortized costs of machinery and equipment used to capture and sequester carbon dioxide. The amortization deduction is equal to 55% of the costs of such machinery and equipment for the first taxable year, and 5% in subsequent years.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Department of Revenue

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

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information:

<http://www.arkvalley.com/hprebate.htm>

Sponsor: Ark Valley Electric
Sponsor Type: Utility

Key Account Representatives

Key Account Representatives provide energy and technologies information to their commercial and industrial customers in order to help them be competitive in today's global market place.

For More Information:

<https://www.kansasgasservice.com/en/customer-care/business-development/planning-analysis.aspx>

Sponsor: Kansas Gas
Sponsor Type: Utility

Renewable Energy Cogeneration Facility Tax Credit

Businesses that construct a renewable electric cogeneration facility in Kansas (from December 31, 2006, to January 1, 2012) to offset the electricity used for an industrial, commercial, or agricultural process are eligible for a tax credit against state income taxes. This tax credit is equal to 10% of the first \$50 million invested, and 5% of investments thereafter.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Department of Commerce
Sponsor Type: State

Renewable Energy Property Tax Exemption

Property used by businesses to generate electricity from renewable sources

in Kansas- large-scale and small-scale projects- are exempt from state property taxes, beginning January 1, 1999. Property used for the transportation and treatment of landfill gas are also exempt from state property taxes beginning January 1, 2002.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Corporation Commission
Sponsor Type: State

Storage and Blending Equipment Tax Credit

Businesses that install any equipment used to store or blend biofuels with petroleum-based fuels from December 31, 2006, to January 1, 2012, are eligible for a state income tax credit. This tax credit is equal to 10% of the taxpayer's qualified investment for the first \$10 million invested, and 5% of qualified investments thereafter.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Department of Commerce
Sponsor Type: State

Waste Heat Utilization System

Systems designed to capture waste heat generated in the process of producing electricity and systems designed to use this heat to generate additional electricity or to produce renewable fuels are exempt from state property taxes for 10 years following the installation of such equipment. In addition, after December 31, 2006, businesses may amortize the cost of the waste heat system for deductions on their state income tax.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Department of Revenue
Sponsor Type: State

HVAC

Air-Source or Ground-Source Heat Pump

Victory Electric Cooperative Association offers a rebate on heat pumps.

For More Information:

<http://www.victoryelectric.net/services.html>

Sponsor: Victory Electric Cooperative Association
Sponsor Type: Utility

Air-Source or Ground-Source Heat Pump Rebate

Kansas Electric Power Cooperative offers a rebate on heat pumps.

For More Information:

http://www.kepco.org/Home_Page/Rebate_Program.html

Sponsor: Kansas Electric Power Cooperative
Sponsor Type: Other

Commercial Buildings Tax Incentives

Businesses that reduce energy consumption associated with heating and cooling commercial buildings are eligible for a federal income tax deduction of up to \$1.80 per square foot, provided the energy usage is 50% less than a building that meets ASHRAE Standard 90.1-2001. A partial tax deduction can be taken for measures improving building envelope, lighting, or heating and cooling systems. This deduction is available until December 31, 2013.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Corporation Commission
Sponsor Type: State

Commercial Heating Program

Commercial rebates and rebate amounts are as follows: Air source heat pumps (\$100-\$400), water source heat pumps (\$150), geothermal heat pumps (\$100-\$3250), package terminal heat pumps (\$125 per 12,000Btu/hour), resistance heating systems (\$15/kW), and electric water heaters (\$15/kW).

For More Information:

http://www.bpu.com/doc_tracker.jsp?doc=http%3A//www.bpu.com/documents/commercialRebateSchedule.pdf

Sponsor: Kansas City Board of Public Utilities

Sponsor Type: Utility

Commercial/Industrial Energy Audit

An energy audit of your facility can help identify how to improve energy efficiency. Customers who have an energy audit performed by a KCP&L certified auditor are eligible for a rebate to cover up to 50% of the cost of the audit. Audit rebates are provided once a customer installs energy efficient equipment that has been recommended in the resulting Audit Report

For More Information:

<http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Electric Heater Rebate

Electric heating systems are eligible for a \$100 rebate, while air source heat pumps are eligible for \$400 rebates and geothermal heat pumps are eligible for \$100/half ton rebates.

For More Information:

<http://www.cmselectric.com/Rebate%20Form%20HEATING%20COOLING%20Rev%20Jan%202010.pdf>

Sponsor: CMS Electric Cooperative
Sponsor Type: Utility

ERC Loan

Loans are available for projects that improve energy efficiency. Loans are available for \$2,500 to \$10,000 with repayment periods up to 7 years.

For More Information:

http://www.alfalvaelectric.com/product_loans.htm

Sponsor: Alfalfa Electric Cooperative
Sponsor Type: Utility

Heat Pump Loan Program

Loans set at 6% are available to help finance a heat pump. The loan term is 7 years.

For More Information:

http://www.alfalvaelectric.coop/product_loans.htm

Sponsor: Alfalfa Electric Cooperative
Sponsor Type: Utility

Heat Pump Loan Program

Loans are available to customers interested in purchasing and installing heat pumps. Loans are set at 5 percent.

For More Information:

<http://www.caneyvalley.com/heat-pump.htm>

Sponsor: Caney Valley Electric Cooperative Association
Sponsor Type: Utility

Heat Pump Rebate

The heat pump rebate is \$215 per ton if the heat pump is an air-source unit, but \$265 per ton if the unit is geothermal.

For More Information:

http://www.alfalvaelectric.coop/product_water_heaters.htm

Sponsor: Alfalfa Electric Cooperative
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source.

If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information:

<http://www.arkvalley.com/hprebate.htm>

Sponsor: Ark Valley Electric
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information:

<http://bluestemelectric.com/?page=readarticle&articleid=19>

Sponsor: Bluestem Electric Cooperative
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information: <http://www.baelectric.com/barebate.html>

Sponsor: Brown Atchison Electric Cooperative
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information:

<http://www.caneyvalley.com/rebates.htm>

Sponsor: Caney Valley Electric Cooperative Association
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information:

<http://www.flinthillsrec.com/rebates.aspx>

Sponsor: Flint Hills Rural Electric Cooperative Association
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information:

<http://www.liec.coop/rebates.htm>

Sponsor: Leavenworth Jefferson Electric Cooperative
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$125/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$100-\$200/ton rebate.

For More Information:

<http://www.ninnescah.com/site.php?page=rebates>

Sponsor: Ninnescah Rural Electric Cooperative
Sponsor Type: Utility

Heat Pump Rebate

Customers will receive a \$400 rebate if they purchase an electric heating system or heat pump.

For More Information:

<http://www.radiantec.coop/pages/rebates>

Sponsor: Radiant Electric Cooperative
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$300/ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$150/ton rebate.

For More Information:

<http://www.rollinghills.coop/service5.html>

Sponsor: Rolling Hills Electric Cooperative
Sponsor Type: Utility

Heat Pump Rebate

Members that purchase a heat pump are eligible for a rebate of \$100/half ton if the heat pump is ground source. If the heat pump is air source, the member is eligible for a \$400 rebate.

For More Information:

<http://www.sucocoop.com/Page410.htm>

Sponsor: Sumner-Cowley Electric Cooperative
Sponsor Type: Utility

How\$mart Program

How\$mart provides money for energy efficiency improvements such as insulation, air sealing and new heating and cooling systems. Participating customers repay the funds through energy savings on their monthly Midwest Energy bills.

For More Information:

<http://www.mwenergy.com/howsmart.aspx>

Sponsor: Midwest Energy
Sponsor Type: Utility

Load Management Program

Customers that allow the cooperative to temporarily power down their water heaters or air conditioners during periods of high-energy use will receive a \$3 credit per item on their monthly utility bills.

For More Information:

<http://www.kve.coop/load.pdf>

Sponsor: Kaw Valley Electric
Sponsor Type: Utility

Natural Gas Technology

The Business Development Group can provide information on natural gas technologies that can help businesses use their energy dollars more efficiently. These technologies include distributed and central-station generation; heating, ventilation and air conditioning; industrial processes; natural gas-driven air compressors; natural gas-fueled vehicles, temporary/construction heating, food processing and cooking applications, and environmental systems.

For More Information:

<https://www.kansasgasservice.com/CustomerCare/BusinessDevelopment/NaturalGasTechnology.aspx>

Sponsor: Kansas Gas
Sponsor Type: Utility

Industrial Systems / Process Specific

Building or Process Infrared Scanning Service

Midwest Energy can use infrared scanning equipment to detect “hot spots”-- areas in electrical or mechanical equipment indicating the equipment could fail or has failed. It can also detect voids in the building cavity insulation and provide an infrared “snapshot” of a building’s energy loss.

For More Information:

<http://www.mwenergy.com/infrared.aspx>

Sponsor: Midwest Energy
Sponsor Type: Utility

Carbon Dioxide Capture/ Sequestration Tax Deduction

Businesses are allowed to deduct from state income taxes the amortized costs of machinery and equipment used to capture and sequester carbon dioxide. The amortization deduction is equal to 55% of the costs of such machinery and equipment for the first taxable year, and 5% in subsequent years.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Department of Revenue

Sponsor Type: State

Commercial/Industrial Energy Audit

An energy audit of your facility can help identify how to improve energy efficiency. Customers who have an energy audit performed by a KCP&L certified auditor are eligible for a rebate to cover up to 50% of the cost of the audit. Audit rebates are provided once a customer installs energy efficient equipment that has been recommended in the resulting Audit Report

For More Information:

<http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light
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#technicalassistance>

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

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

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:

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Sponsor: University of Illinois at Chicago Energy Resources

Sponsor Type: Other

Natural Gas Technology

The Business Development Group can provide information on natural gas technologies that can help businesses use their energy dollars more efficiently. These technologies include distributed and central-station generation; heating, ventilation and air conditioning; industrial processes; natural gas-driven air compressors; natural gas-fueled vehicles, temporary/construction heating, food processing and cooking applications, and environmental systems.

For More Information:

<https://www.kansasgasservice.com/CustomerCare/BusinessDevelopment/NaturalGasTechnology.aspx>

Sponsor: Kansas Gas

Sponsor Type: Utility

Waste Heat Utilization System

Systems designed to capture waste heat generated in the process of producing electricity and systems designed to use this heat to generate additional electricity or to produce renewable fuels are exempt from state property taxes for 10 years following the installation of such equipment. In addition, after December 31, 2006, businesses may amortize the cost of the waste heat system for deductions on their state income tax.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Department of Revenue

Sponsor Type: State

Lighting

Commercial Buildings Tax Incentives

Businesses that reduce energy consumption associated with heating and cooling commercial buildings are eligible for a federal income tax deduction of up to \$1.80 per square foot, provided the energy usage is 50% less than a building that meets ASHRAE Standard 90.1-2001. A partial tax deduction can be taken for measures improving building envelope, lighting, or heating and cooling systems. This deduction is available until December 31, 2013.

For More Information:

http://www.kcc.state.ks.us/energy/business_incentives.htm

Sponsor: Kansas Corporation Commission

Sponsor Type: State

Commercial/Industrial Energy Audit

An energy audit of your facility can help identify how to improve energy efficiency. Customers who have an energy audit performed by a KCP&L certified auditor are eligible for a rebate to cover up to 50% of the cost of the audit. Audit rebates are provided once a customer installs energy efficient equipment that has been recommended in the resulting Audit Report

For More Information: <http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Lighting Program

Rebates are provided for the purchase of energy-efficient lighting.

For More Information:

<http://www.mwalliance.org/programs/change-light>

Sponsor: Midwest Energy Efficiency Alliance

Sponsor Type: Nonprofit

Prescriptive Rebate Program

Rebates are available for the purchase and installation of energy efficient lighting.

For More Information:

<http://www.kcplprograms.com/content/prescriptiverebates>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Load Management

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 Audit

Tri-County offers free energy audits of business facilities.

For More Information:

http://www.tec.coop/programs_services/energy_audit.php

Sponsor: Tri-County Electric

Sponsor Type: Utility

Commercial Energy Audits

Utility staff will perform a walkthrough of a customer's commercial facility. Those professionals will then examine the facility's systems (i.e. lighting and heat) and will make recommendations to make the facility more energy efficient.

For More Information:

<http://www.mwenergy.com/eaudit.aspx>

Sponsor: Midwest Energy

Sponsor Type: Utility

Commercial Energy Suite

Provides energy tools and resources such as an energy calculator and a tool to help customers understand their energy demand.

For More Information:

<http://sunflower.apogee.net/comsuite/>

Sponsor: Sunflower Electric

Sponsor Type: Other

Commercial/Industrial Energy Audit

Free energy audits are available to KCP&L commercial and industrial customers.

For More Information:

<http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Commercial/Industrial Energy Audit

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For More Information:

<http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light
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 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 Audit

Utility staff will perform a walkthrough of a customer's home or commercial facility to examine the facility's lighting and heating systems and make recommendations to make the facility more energy efficient.

For More Information:

<http://www.lanescott.coop/audits.aspx>

Sponsor: Lane-Scott Electric Cooperative
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 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 Optimizer Programs

The utility offers a free programmable thermostat worth \$300 to qualifying customers to manage energy usage.

For More Information:

<http://www.kcpl.com/residential/acc.html>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Energy Services

Seminole Energy Services offers businesses services such as 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

Key Account Representatives

Key Account Representatives provide energy and technologies information to their commercial and industrial customers in order to help them be competitive in today's global market place.

For More Information:

<https://www.kansasgasservice.com/en/customer-care/business-development/planninganalysis.aspx>

Sponsor: Kansas Gas
Sponsor Type: Utility

Large Commercial and Industrial Services

Westar Energy's offers technical services in areas such as energy conservation, power factor, outdoor lighting.

For More Information:

<http://www.westarenergy.com/wcm.nsf/content/c%20and%20i>

Sponsor: Westar Energy
Sponsor Type: Utility

Load Management Program

Customers that allow the cooperative to temporarily power down their water heaters or air conditioners during periods of high-energy use will receive a \$3 credit per item on their monthly utility bills.

For More Information:

<http://www.kve.coop/load.pdf>

Sponsor: Kaw Valley Electric
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

Online Energy Audit

This online tool analyzes a customer's energy use and points out areas that could be more energy efficient.

For More Information:

<http://www.tri-countyelectric.coop/energyAudit.aspx>

Sponsor: Tri-County Electric

Sponsor Type: Utility

Online Energy Audit

This online tool analyzes a customer's energy use and points out areas that could be more energy efficient.

For More Information:

<http://www.tcectexas.com/EnergyAudit.htm>

Sponsor: Tri-County Electric

Sponsor Type: Utility

Industrial Systems General

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 Audit

Tri-County offers free energy audits of business facilities.

For More Information:

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Sponsor: Tri-County Electric

Sponsor Type: Utility

Commercial Energy Audits

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For More Information:

<http://www.mwenergy.com/eaudit.aspx>

Sponsor: Midwest Energy

Sponsor Type: Utility

Commercial Energy Suite

Provides energy tools and resources such as an energy calculator and a tool to help customers understand their energy demand.

For More Information:

<http://sunflower.apogee.net/comsuite/>

Sponsor: Sunflower Electric

Sponsor Type: Other

Commercial/Industrial Energy Audit

Free energy audits are available to KCP& L commercial and industrial customers.

For More Information: <http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light

Sponsor Type: Utility

Commercial/Industrial Energy Audit

An energy audit of your facility can help identify how to improve energy efficiency. Customers who have an energy audit performed by a KCP&L certified auditor are eligible for a rebate to cover up to 50% of the cost of the audit. Audit rebates are provided once a customer installs energy efficient equipment that has been recommended in the resulting Audit Report

For More Information: <http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light

Sponsor Type: Utility

Commercial/Industrial Energy Efficiency Rebate Program

The utility offers financial incentives for commercial and industrial customers to increase the energy efficiency of facilities.

For More Information:

<http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light

Sponsor Type: Utility

Commercial/Industrial Rebate Program

Rebates for high efficiency equipment purchases are available for commercial and industrial customers. Rebates are for both new construction and retrofits.

For More Information:

<http://www.kcpl.com/business/aegonline.html>

Sponsor: Kansas City Power and Light

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

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

Custom Rebate Retrofit Program

This program provides incentives for energy efficiency programs that do not fall under any current incentive programs.

For More Information:
<http://www.kcplprograms.com/content/customrebatesretrofit>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Efficiency Kansas Loan Program

Efficiency Kansas provides low-interest financing to small businesses that install energy efficient improvements.

For More Information: <http://www.eficiencykansas.com/index.php>

Sponsor: Kansas State Energy Office
Sponsor Type: State

Energy Analyzer

This online tool helps a nonresidential customer analyze energy use and identifies areas for energy improvement.

For More Information:
<http://www.kcpl.com/business/analyz-erfr.html>

Sponsor: Kansas City Power and Light
Sponsor Type: Utility

Energy Audit

Utility staff will perform a walkthrough of a customer's home or commercial facility to examine the facility's lighting and heating systems and make recommendations to make the facility more energy efficient.

For More Information:
<http://www.lanescott.coop/audits.aspx>

Sponsor: Lane-Scott Electric Cooperative
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 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.

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

Sponsor: Constellation NewEnergy
Sponsor Type: Utility

Energy Services

Seminole Energy Services offers businesses services such as 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

How\$mart Program

The utility offers loans to non-residential customers interested in installing energy-efficient equipment in their businesses.

For More Information:
<http://www.mwenergy.com/howsmart.aspx>

Sponsor: Kansas City Board of Public Utilities
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

Key Account Representatives

Key Account Representatives provide energy and technologies information to their commercial and industrial customers in order to help them be competitive in today's global market place.

For More Information:

<https://www.kansasgasservice.com/en/customer-care/business-development/planning-analysis.aspx>

Sponsor: Kansas Gas

Sponsor Type: Utility

Large Commercial and Industrial Services

Westar Energy's offers technical services in areas such as energy conservation, power factor, outdoor lighting.

For More Information:

<http://www.westarenergy.com/wcm.nsf/content/c%20and%20i>

Sponsor: Westar Energy

Sponsor Type: Utility

Online Energy Audit

This online tool analyzes a customer's energy use and points out areas that could be more energy efficient.

For More Information:

<http://www.tcectexas.com/EnergyAudit.htm>

Sponsor: Tri-County Electric

Sponsor Type: Utility

End Notes

- ¹ “Save Energy Now State Partnerships: ITP Activities in Kansas.” The Office of Energy Efficiency and Renewable Energy (EERE). Accessed 18 Oct. 2010. http://www1.eere.energy.gov/industry/states/state_activities/map_new.asp?stid=KS
- ² U.S. Energy Information Administration, “State/Territory Energy Profiles,” Accessed October 18, 2010. http://tonto.eia.doe.gov/state/state_energy_profiles.cfm?sid=KS
- ³ U.S. Energy Information Administration, “State/Territory Energy Profiles,” Accessed October 18, 2010. http://tonto.eia.doe.gov/state/state_energy_profiles.cfm?sid=KS

EERE Information Center

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

www.eere.energy.gov/informationcenter

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Energy Efficiency &
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