

KANSAS

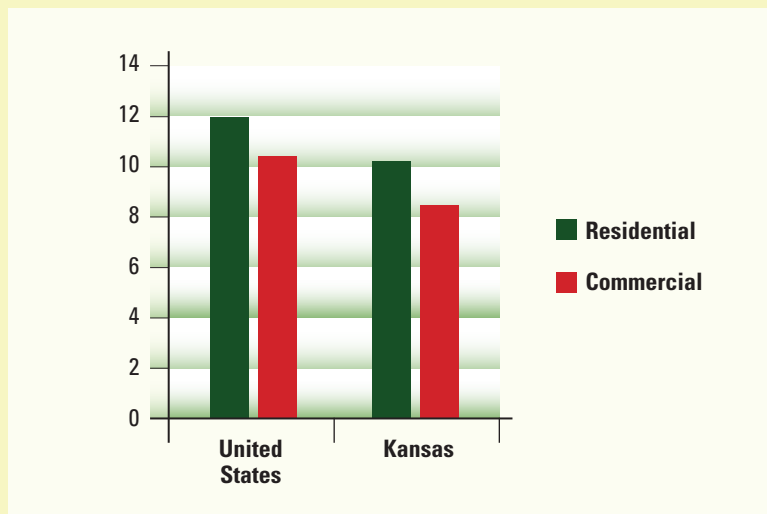
PROJECT NAME	TYPE
Boot Hill Biofuels Ethanol Plant	Renewable Fuels
Emerald Renewable Energy Topeka Greenfield Plant	Renewable Fuels
Hays Wind Project	Wind
Sunflower Electric Power Corp., Holcomb Expansion	Coal
Westar Energy Coal Plant	Coal

Economic Overview

Population (2009 in thousands)	2,819
Personal Income per Capita (2009)	\$37,916
Employment (Aug 2010 in thousands)	1,392.9
Unemployment Rate (Aug 2010)	6.6%
Change in Jobs (Jan. 2008 – Aug. 2010)	-52,100
All State Government Expenditures	\$14.9 bn

Electricity Costs (cents/kilowatt hour)

Residential (June 2010)	10.26
Commercial (June 2010)	8.40



U.S. vs. Kansas Electricity Costs
(cents/kilowatt hours)

Benefits from Proposed Energy Projects

Upfront Investment (total of all projects)

Total Economic Output (in PDV)	\$11,400,000,000
Employment Earnings (in PDV)	\$3,400,000,000
Average Annual Jobs	21,700

First Year of Operations (total of all projects)

Total Economic Output (in PDV)	\$2,400,000,000
Employment Earnings (in PDV)	\$500,000,000
Average Jobs Created in Year 1	11,800

Example Project

Sunflower Electric Power, Holcomb Expansion

Sunflower owns and operates the 349-megawatt coal-fired Holcomb Power Station in Garden City, Kansas. In 2006, Sunflower proposed an 895-megawatt expansion. The proposal has been the subject of ongoing political controversy. In early 2007, Sierra Club and other environmental groups brought lawsuits challenging the plant's permits. In October 2007, Kansas regulators denied the air permit for the proposed expansion, citing global warming concerns. After the initial permit was rejected, former Governor Kathleen Sebelius repeatedly vetoed legislation that would have allowed the Sunflower expansion anyway, stating that renewable energy was a better alternative for Kansas. In January 2010, with support from the new governor, Sunflower reapplied for the permit. A draft permit was issued in April 2010, and then revised and reissued in September 2010 after Sierra Club asked EPA to intervene. Comments on the draft permit are ongoing.