

**Table 1. Summary Renewable Electric Power Industry Statistics (2006)**

**Kansas**

Primary Renewable Energy Capacity Source                      Wind  
 Primary Renewable Energy Generation Source                  Wind

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
<b>Total Net Summer Electricity Capacity</b>	<b>11,124</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>366</b>	<b>3.3</b>
Geothermal	-	-
Hydro Conventional	3	*
Solar	-	-
Wind	363	3.3
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
<b>Total Electricity Net Generation</b>	<b>45,524</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>1,002</b>	<b>2.2</b>
Geothermal	-	-
Hydro Conventional	10	*
Solar	-	-
Wind	992	2.2
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	-	-

\* = Absolute percentage less than 0.05.  
 - = No data reported.

**Notes:** Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

**Sources:** Capacity: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."  
 Generation: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006 (Megawatts)**

**Kansas**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	9,112	9,595	9,568	9,597	9,592
Coal	5,310	5,265	5,222	5,250	5,203
Petroleum	550	564	587	583	565
Natural Gas	3,252	3,766	3,759	3,764	3,824
Other Gases	-	-	-	-	-
Nuclear	1,170	1,165	1,166	1,166	1,166
Renewables	114	116	116	266	366
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>10,396</b>	<b>10,876</b>	<b>10,850</b>	<b>11,029</b>	<b>11,124</b>

- = No data reported.

**Notes:** Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

**Source:** Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006 (Megawatts)**

**Kansas**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	2	3	3	3	3
Solar	-	-	-	-	-
Wind	112	114	113	263	363
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>114</b>	<b>116</b>	<b>116</b>	<b>266</b>	<b>366</b>

- = No data reported.

**Notes:** Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

**Source:** Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2002 - 2006  
 (Thousand Megawatthours)**

**Kansas**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	37,667	37,300	36,279	36,605	35,172
Coal	35,369	35,110	34,593	34,481	33,281
Petroleum	509	964	854	986	51
Natural Gas	1,789	1,226	832	1,137	1,839
Other Gases	-	-	-	-	-
Nuclear	9,042	8,890	10,133	8,821	9,350
Renewables	479	378	371	437	1,002
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>47,188</b>	<b>46,568</b>	<b>46,783</b>	<b>45,863</b>	<b>45,524</b>

- = No data reported.

**Notes:** Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2002 - 2006  
 (Thousand Megawatthours)**

**Kansas**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	13	12	13	11	10
Solar	-	-	-	-	-
Wind	467	366	359	426	992
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>479</b>	<b>378</b>	<b>371</b>	<b>437</b>	<b>1,002</b>

- = No data reported.

**Notes:** Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

**Sources:** Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."