

**Table 1. Summary Renewable Electric Power Industry Statistics (2010)****Kansas**

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

<b>Capacity (megawatts)</b>	<b>Value</b>	<b>Percent of State Total</b>
<b>Total Net Summer Electricity Capacity</b>	<b>12,543</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>1,082</b>	<b>8.6</b>
Geothermal	-	-
Hydro Conventional	3	*
Solar	-	-
Wind	1,072	8.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	7	0.1
Other Biomass	-	-

**Generation (thousand megawatthours)**

<b>Total Electricity Net Generation</b>	<b>47,924</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>3,473</b>	<b>7.2</b>
Geothermal	-	-
Hydro Conventional	13	*
Solar	-	-
Wind	3,405	7.1
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	54	0.1
Other Biomass	-	0.0

\* = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

**Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)****Kansas**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	9,592	9,709	10,017	10,355	10,302
Coal	5,203	5,208	5,190	5,180	5,179
Petroleum	565	569	564	564	550
Natural Gas	3,824	3,932	4,262	4,611	4,573
Other Gases	-	-	-	-	-
Nuclear	1,166	1,166	1,160	1,160	1,160
Renewables	366	366	815	1,014	1,082
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>11,124</b>	<b>11,241</b>	<b>11,992</b>	<b>12,529</b>	<b>12,543</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:** U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)**

**Kansas**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	3	3	3	3	3
Solar	-	-	-	-	-
Wind	363	363	812	1,011	1,072
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	7
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>366</b>	<b>366</b>	<b>815</b>	<b>1,014</b>	<b>1,082</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:** U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2006 - 2010  
(Thousand Megawatthours)****Kansas**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	35,172	38,590	36,363	35,033	34,895
Coal	33,281	36,250	34,003	32,243	32,505
Petroleum	51	207	130	121	103
Natural Gas	1,839	2,133	2,230	2,669	2,287
Other Gases	-	-	-	-	-
Nuclear	9,350	10,369	8,497	8,769	9,556
Renewables	1,002	1,163	1,770	2,876	3,473
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>45,524</b>	<b>50,122</b>	<b>46,630</b>	<b>46,677</b>	<b>47,924</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:** U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2006 - 2010  
(Thousand Megawatthours)**

**Kansas**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	10	11	11	13	13
Solar	-	-	-	-	-
Wind	992	1,153	1,759	2,863	3,405
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	54
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>1,002</b>	<b>1,163</b>	<b>1,770</b>	<b>2,876</b>	<b>3,473</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:** U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.