

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

**Oklahoma**

Primary Renewable Energy Capacity Source Primary Renewable Energy Generation Source	Hydro Conventional Wind	<u>Value</u>	<u>Percent of State Total</u>
<b><u>Capacity (megawatts)</u></b>			
<b>Total Net Summer Electricity Capacity</b>		<b>20,085</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>		<b>1,524</b>	<b>7.6</b>
Geothermal		-	-
Hydro Conventional		851	4.2
Solar		-	-
Wind		594	3.0
Wood/Wood Waste		63	0.3
MSW/Landfill Gas		16	0.1
Other Biomass		-	-
<b><u>Generation (thousand megawatthours)</u></b>			
<b>Total Electricity Net Generation</b>		<b>70,615</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>		<b>2,636</b>	<b>3.7</b>
Geothermal		-	-
Hydro Conventional		624	0.9
Solar		-	-
Wind		1,712	2.4
Wood/Wood Waste		300	0.4
MSW Biogenic/Landfill Gas		-	0.0
Other Biomass		-	-

- = 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)**

**Oklahoma**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	15,100	16,924	18,094	18,160	18,301
Coal	5,287	5,332	5,340	5,355	5,372
Petroleum	62	64	70	71	75
Natural Gas	9,673	11,451	12,609	12,735	12,854
Other Gases	78	78	75	-	-
Nuclear	-	-	-	-	-
Renewables	872	1,055	1,043	1,353	1,524
Pumped Storage	260	260	260	260	260
Other	-	-	-	-	-
<b>Total</b>	<b>16,232</b>	<b>18,238</b>	<b>19,397</b>	<b>19,773</b>	<b>20,085</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)**

**Oklahoma**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	796	800	788	800	851
Solar	-	-	-	-	-
Wind	-	176	176	474	594
Wood/Wood Waste	60	63	63	63	63
MSW/Landfill Gas	16	16	16	16	16
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>872</b>	<b>1,055</b>	<b>1,043</b>	<b>1,353</b>	<b>1,524</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)**

**Oklahoma**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	57,134	58,706	57,156	64,988	68,089
Coal	35,965	36,676	33,802	36,349	35,076
Petroleum	50	161	68	70	64
Natural Gas	21,049	21,823	23,285	28,549	32,933
Other Gases	71	45	-	19	16
Nuclear	-	-	-	-	-
Renewables	2,227	2,120	3,799	3,767	2,636
Pumped Storage	-178	-206	-234	-154	-116
Other	-	7	9	6	5
<b>Total</b>	<b>59,183</b>	<b>60,627</b>	<b>60,730</b>	<b>68,608</b>	<b>70,615</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)**

**Oklahoma**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	1,988	1,798	2,977	2,630	624
Solar	-	-	-	-	-
Wind	-	54	573	848	1,712
Wood/Wood Waste	239	267	249	289	300
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>2,227</b>	<b>2,120</b>	<b>3,799</b>	<b>3,767</b>	<b>2,636</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."