

**Table 1. Summary Renewable Electric Power Industry Statistics (2007)**

**Oklahoma**

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
<b><u>Capacity (megawatts)</u></b>	<b><u>Value</u></b>	<b><u>Percent of State</u></b>	<b><u>Total</u></b>
<b>Total Net Summer Electricity Capacity</b>	<b>19,962</b>	<b>100.0</b>	
<b>Total Net Summer Renewable Capacity</b>	<b>1,618</b>	<b>8.1</b>	
Geothermal	-	-	
Hydro Conventional	851	4.3	
Solar	-	-	
Wind	689	3.5	
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>72,819</b>	<b>100.0</b>	
<b>Total Renewable Net Generation</b>	<b>5,195</b>	<b>7.1</b>	
Geothermal	-	-	
Hydro Conventional	3,066	4.2	
Solar	-	-	
Wind	1,849	2.5	
Wood/Wood Waste	276	0.4	
MSW Biogenic/Landfill Gas	4	*	
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, 2003 - 2007 (Megawatts)**

**Oklahoma**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	16,924	18,094	18,160	18,301	18,083
Coal	5,332	5,340	5,355	5,372	5,364
Petroleum	64	70	71	75	70
Natural Gas	11,451	12,609	12,735	12,854	12,649
Other Gases	78	75	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,055	1,043	1,353	1,524	1,618
Pumped Storage	260	260	260	260	260
Other	-	-	-	-	-
<b>Total</b>	<b>18,238</b>	<b>19,397</b>	<b>19,773</b>	<b>20,085</b>	<b>19,962</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, 2003 - 2007 (Megawatts)**

**Oklahoma**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	800	788	800	851	851
Solar	-	-	-	-	-
Wind	176	176	474	594	689
Wood/Wood Waste	63	63	63	63	63
MSW/Landfill Gas	16	16	16	16	16
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>1,055</b>	<b>1,043</b>	<b>1,353</b>	<b>1,524</b>	<b>1,618</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, 2003 - 2007  
(Thousand Megawatthours)**

**Oklahoma**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	58,706	57,155	64,988	68,093	67,765
Coal	36,676	33,801	36,309	35,032	34,438
Petroleum	161	68	70	64	160
Natural Gas	21,823	23,286	28,590	32,981	33,144
Other Gases	45	-	19	16	22
Nuclear	-	-	-	-	-
Renewables	2,120	3,799	3,767	2,633	5,195
Pumped Storage	-206	-234	-154	-116	-166
Other	7	9	6	5	25
<b>Total</b>	<b>60,627</b>	<b>60,730</b>	<b>68,608</b>	<b>70,615</b>	<b>72,819</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, 2003 - 2007  
(Thousand Megawatthours)**

**Oklahoma**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	1,798	2,977	2,630	624	3,066
Solar	-	-	-	-	-
Wind	54	573	848	1,712	1,849
Wood/Wood Waste	267	250	289	297	276
MSW Biogenic/Landfill Gas	-	-	-	-	4
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>2,120</b>	<b>3,799</b>	<b>3,767</b>	<b>2,633</b>	<b>5,195</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."