

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

**Texas**

Primary Renewable Energy Capacity Source	Wind	
Primary Renewable Energy Generation Source	Wind	
<b><u>Capacity (megawatts)</u></b>	<b><u>Value</u></b>	<b><u>Percent of State Total</u></b>
<b>Total Net Summer Electricity Capacity</b>	<b>101,938</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>5,385</b>	<b>5.3</b>
Geothermal	-	-
Hydro Conventional	673	0.7
Solar	-	-
Wind	4,490	4.4
Wood/Wood Waste	130	0.1
MSW/Landfill Gas	72	0.1
Other Biomass	21	*
<b><u>Generation (thousand megawatthours)</u></b>		
<b>Total Electricity Net Generation</b>	<b>405,492</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>11,932</b>	<b>2.9</b>
Geothermal	-	-
Hydro Conventional	1,644	0.4
Solar	-	-
Wind	9,006	2.2
Wood/Wood Waste	914	0.2
MSW Biogenic/Landfill Gas	322	0.1
Other Biomass	45	*

\* = 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)**

**Texas**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	92,591	94,007	93,373	92,088	91,494
Coal	20,053	20,201	20,188	19,843	19,817
Petroleum	790	231	222	220	216
Natural Gas	71,459	73,216	72,726	71,737	71,152
Other Gases	289	359	237	287	308
Nuclear	4,768	4,860	4,860	4,860	4,860
Renewables	2,133	2,101	2,614	3,607	5,385
Pumped Storage	-	-	-	-	-
Other	102	136	199	200	199
<b>Total</b>	<b>99,594</b>	<b>101,104</b>	<b>101,046</b>	<b>100,754</b>	<b>101,938</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)**

**Texas**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	699	668	673	681	673
Solar	-	-	-	-	-
Wind	1,286	1,286	1,755	2,738	4,490
Wood/Wood Waste	100	100	130	130	130
MSW/Landfill Gas	40	40	41	42	72
Other Biomass	9	8	16	16	21
<b>Total</b>	<b>2,133</b>	<b>2,101</b>	<b>2,614</b>	<b>3,607</b>	<b>5,385</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)**

**Texas**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	340,416	343,572	350,878	349,849	351,720
Coal	146,990	148,885	148,358	146,391	147,279
Petroleum	2,515	1,729	1,583	1,789	1,309
Natural Gas	184,911	188,755	197,665	197,870	199,531
Other Gases	5,999	4,204	3,272	3,798	3,601
Nuclear	33,437	40,435	38,232	41,264	40,955
Renewables	4,862	5,547	6,668	8,480	11,932
Pumped Storage	-	-	-	-	-
Other	484	745	890	989	885
<b>Total</b>	<b>379,200</b>	<b>390,299</b>	<b>396,669</b>	<b>400,583</b>	<b>405,492</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)**

**Texas**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	897	1,301	1,333	662	1,644
Solar	-	-	-	-	-
Wind	2,570	3,138	4,237	6,671	9,006
Wood/Wood Waste	1,036	857	852	892	914
MSW Biogenic/Landfill Gas	199	221	207	219	322
Other Biomass	161	31	40	37	45
<b>Total</b>	<b>4,862</b>	<b>5,547</b>	<b>6,668</b>	<b>8,480</b>	<b>11,932</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."