

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

United States

Primary Renewable Energy Capacity Source Hydro Conventional
 Primary Renewable Energy Generation Source Hydro Conventional

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of U.S. Total</u>
Total Net Summer Electricity Capacity	986,215	100.0
Total Net Summer Renewable Capacity	101,934	10.3
Geothermal	2,274	0.2
Hydro Conventional	77,821	7.9
Solar	411	*
Wind	11,329	1.1
Wood/Wood Waste	6,372	0.6
MSW/Landfill Gas	3,166	0.3
Other Biomass	561	0.1
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	4,064,702	100.0
Total Renewable Net Generation	385,670	9.5
Geothermal	14,568	0.4
Hydro Conventional	289,246	7.1
Solar	508	*
Wind	26,589	0.7
Wood/Wood Waste	38,649	1.0
MSW Biogenic/Landfill Gas	14,154	0.3
Other Biomass	1,956	*

* = Absolute percentage less than 0.05.

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

United States

Energy Source	2002	2003	2004	2005	2006
Fossil	689,521	731,184	745,446	757,053	761,603
Coal	315,350	313,019	313,020	313,380	312,956
Petroleum	59,651	60,730	59,119	58,548	58,097
Natural Gas	312,512	355,442	371,011	383,061	388,294
Other Gases	2,008	1,994	2,296	2,063	2,256
Nuclear	98,657	99,209	99,628	99,988	100,334
Renewables	96,066	96,847	96,357	98,746	101,934
Pumped Storage	20,371	20,522	20,764	21,347	21,461
Other	686	684	746	887	882
Total	905,301	948,446	962,942	978,020	986,215

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

United States

Energy Source	2002	2003	2004	2005	2006
Geothermal	2,252	2,133	2,152	2,285	2,274
Hydro Conventional	79,356	78,694	77,641	77,541	77,821
Solar	397	397	398	411	411
Wind	4,417	5,995	6,456	8,706	11,329
Wood/Wood Waste	5,844	5,871	6,182	6,193	6,372
MSW/Landfill Gas	3,330	3,304	3,055	3,055	3,166
Other Biomass	470	453	474	554	561
Total	96,066	96,847	96,357	98,746	101,934

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

United States

Energy Source	2002	2003	2004	2005	2006
Fossil	2,730,166	2,758,650	2,825,011	2,909,992	2,884,394
Coal	1,933,130	1,973,737	1,978,620	2,013,179	1,990,926
Petroleum	94,567	119,406	120,771	122,522	64,364
Natural Gas	691,006	649,908	708,854	757,974	813,044
Other Gases	11,463	15,600	16,766	16,317	16,060
Nuclear	780,064	763,733	788,528	781,986	787,219
Renewables	343,438	355,293	351,021	357,534	385,670
Pumped Storage	-8,743	-8,535	-8,488	-6,558	-6,558
Other	13,527	14,045	14,483	12,468	13,977
Total	3,858,452	3,883,185	3,970,555	4,055,423	4,064,702

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

United States

Energy Source	2002	2003	2004	2005	2006
Geothermal	14,491	14,424	14,811	14,692	14,568
Hydro Conventional	264,329	275,806	268,417	270,321	289,246
Solar	555	534	575	550	508
Wind	10,354	11,187	14,144	17,811	26,589
Wood/Wood Waste	38,665	37,529	37,576	38,681	38,649
MSW Biogenic/Landfill Gas	13,398	13,384	13,282	13,470	14,154
Other Biomass	1,646	2,428	2,216	2,009	1,956
Total	343,438	355,293	351,021	357,534	385,670

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."