

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

Wisconsin

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

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	16,365	100.0
Total Net Summer Renewable Capacity	836	5.1
Geothermal	-	-
Hydro Conventional	488	3.0
Solar	-	-
Wind	44	0.3
Wood/Wood Waste	232	1.4
MSW/Landfill Gas	71	0.4
Other Biomass	1	*
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	63,391	100.0
Total Renewable Net Generation	2,846	4.5
Geothermal	-	-
Hydro Conventional	1,516	2.4
Solar	-	-
Wind	109	0.2
Wood/Wood Waste	785	1.2
MSW Biogenic/Landfill Gas	414	0.7
Other Biomass	21	*

* = 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)

Wisconsin

Energy Source	2003	2004	2005	2006	2007
Fossil	12,004	12,329	13,800	14,000	13,926
Coal	7,439	7,133	7,146	7,063	6,945
Petroleum	786	762	789	881	949
Natural Gas	3,779	4,433	5,866	6,056	6,032
Other Gases	-	-	-	-	-
Nuclear	1,565	1,586	1,582	1,582	1,582
Renewables	719	799	805	813	836
Pumped Storage	-	-	-	-	-
Other	21	21	21	21	21
Total	14,309	14,734	16,208	16,415	16,365

- = 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)

Wisconsin

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	478	482	487	476	488
Solar	-	-	-	-	-
Wind	36	36	45	53	44
Wood/Wood Waste	126	198	221	220	232
MSW/Landfill Gas	71	75	50	62	71
Other Biomass	8	8	1	1	1
Total	719	799	805	813	836

- = 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)**

Wisconsin

Energy Source	2003	2004	2005	2006	2007
Fossil	44,668	45,349	48,863	46,352	47,530
Coal	41,717	42,148	41,729	40,116	40,028
Petroleum	473	796	747	877	1,013
Natural Gas	2,478	2,405	6,387	5,358	6,489
Other Gases	-	-	-	-	-
Nuclear	12,215	11,888	9,921	12,234	12,910
Renewables	3,069	3,094	2,922	2,944	2,846
Pumped Storage	-	-	-	-	-
Other	170	114	119	110	104
Total	60,122	60,445	61,825	61,640	63,391

- = 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)**

Wisconsin

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	1,843	1,981	1,740	1,679	1,516
Solar	-	-	-	-	-
Wind	98	104	93	101	109
Wood/Wood Waste	757	605	740	774	785
MSW Biogenic/Landfill Gas	332	357	325	375	414
Other Biomass	39	48	24	16	21
Total	3,069	3,094	2,922	2,944	2,846

- = 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."