

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

**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>
<b>Total Net Summer Electricity Capacity</b>	<b>16,415</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>813</b>	<b>5.0</b>
Geothermal	-	-
Hydro Conventional	476	2.9
Solar	-	-
Wind	53	0.3
Wood/Wood Waste	220	1.3
MSW/Landfill Gas	62	0.4
Other Biomass	1	*
 <u>Generation (thousand megawatthours)</u>		
<b>Total Electricity Net Generation</b>	<b>61,640</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>3,027</b>	<b>4.9</b>
Geothermal	-	-
Hydro Conventional	1,679	2.7
Solar	-	-
Wind	101	0.2
Wood/Wood Waste	837	1.4
MSW Biogenic/Landfill Gas	375	0.6
Other Biomass	35	0.1

\* = 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, 2002 - 2006 (Megawatts)**

**Wisconsin**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	11,962	12,004	12,329	13,800	14,000
Coal	7,500	7,439	7,133	7,146	7,063
Petroleum	1,159	786	762	789	881
Natural Gas	3,304	3,779	4,433	5,866	6,056
Other Gases	-	-	-	-	-
Nuclear	1,510	1,565	1,586	1,582	1,582
Renewables	744	719	799	805	813
Pumped Storage	-	-	-	-	-
Other	21	21	21	21	21
<b>Total</b>	<b>14,237</b>	<b>14,309</b>	<b>14,734</b>	<b>16,208</b>	<b>16,415</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)**

**Wisconsin**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	494	478	482	487	476
Solar	-	-	-	-	-
Wind	36	36	36	45	53
Wood/Wood Waste	138	126	198	221	220
MSW/Landfill Gas	68	71	75	50	62
Other Biomass	8	8	8	1	1
<b>Total</b>	<b>744</b>	<b>719</b>	<b>799</b>	<b>805</b>	<b>813</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)**

**Wisconsin**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	42,306	44,668	45,287	48,750	46,269
Coal	39,807	41,717	42,141	41,649	40,043
Petroleum	423	473	752	724	867
Natural Gas	2,076	2,478	2,395	6,376	5,360
Other Gases	-	-	-	-	-
Nuclear	12,449	12,215	11,888	9,921	12,234
Renewables	3,531	3,069	3,156	3,035	3,027
Pumped Storage	-	-	-	-	-
Other	146	170	114	119	110
<b>Total</b>	<b>58,431</b>	<b>60,122</b>	<b>60,445</b>	<b>61,825</b>	<b>61,640</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)**

**Wisconsin**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	2,515	1,843	1,981	1,740	1,679
Solar	-	-	-	-	-
Wind	46	98	104	93	101
Wood/Wood Waste	645	757	666	825	837
MSW Biogenic/Landfill Gas	314	332	357	325	375
Other Biomass	10	39	48	52	35
<b>Total</b>	<b>3,531</b>	<b>3,069</b>	<b>3,156</b>	<b>3,035</b>	<b>3,027</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."