

Table 1. Summary Renewable Electric Power Industry Statistics (2010)**Wisconsin**

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

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	17,836	100.0
Total Net Summer Renewable Capacity	1,267	7.1
Geothermal	-	-
Hydro Conventional	492	2.8
Solar	-	-
Wind	449	2.5
Wood/Wood Waste	239	1.3
MSW/Landfill Gas	76	0.4
Other Biomass	12	0.1
Generation (thousand megawatthours)		
Total Electricity Net Generation	64,314	100.0
Total Renewable Net Generation	4,586	7.1
Geothermal	-	-
Hydro Conventional	2,112	3.3
Solar	-	-
Wind	1,088	1.7
Wood/Wood Waste	878	1.4
MSW Biogenic/Landfill Gas	470	0.7
Other Biomass	38	0.1

- = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)**Wisconsin**

Energy Source	2006	2007	2008	2009	2010
Fossil	14,000	13,926	15,015	14,928	14,964
Coal	7,063	6,945	7,597	7,519	8,063
Petroleum	881	949	874	873	790
Natural Gas	6,056	6,032	6,544	6,536	6,110
Other Gases	-	-	-	-	-
Nuclear	1,582	1,582	1,582	1,583	1,584
Renewables	813	836	1,003	1,212	1,267
Pumped Storage	-	-	-	-	-
Other	21	21	21	21	21
Total	16,415	16,365	17,622	17,744	17,836

- = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)

Wisconsin

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	476	488	485	492	492
Solar	-	-	-	-	-
Wind	53	44	231	430	449
Wood/Wood Waste	220	232	208	208	239
MSW/Landfill Gas	62	71	72	72	76
Other Biomass	1	1	8	11	12
Total	813	836	1,003	1,212	1,267

- = 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: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)****Wisconsin**

Energy Source	2006	2007	2008	2009	2010
Fossil	46,352	47,530	47,881	43,477	46,384
Coal	40,116	40,028	41,706	37,280	40,169
Petroleum	877	1,013	931	712	718
Natural Gas	5,358	6,489	5,244	5,484	5,497
Other Gases	-	-	-	-	s
Nuclear	12,234	12,910	12,155	12,683	13,281
Renewables	2,944	2,846	3,370	3,734	4,586
Pumped Storage	-	-	-	-	-
Other	110	104	74	65	63
Total	61,640	63,391	63,480	59,959	64,314

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = 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: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)**

Wisconsin

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,679	1,516	1,616	1,394	2,112
Solar	-	-	-	-	-
Wind	101	109	487	1,052	1,088
Wood/Wood Waste	774	785	775	769	878
MSW Biogenic/Landfill Gas	375	414	474	489	470
Other Biomass	16	21	18	30	38
Total	2,944	2,846	3,370	3,734	4,586

- = 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: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.