

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

Minnesota

Primary Renewable Energy Capacity Source Wind
 Primary Renewable Energy Generation Source Wind

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	12,651	100.0
Total Net Summer Renewable Capacity	1,259	9.9
Geothermal	-	-
Hydro Conventional	175	1.4
Solar	-	-
Wind	827	6.5
Wood/Wood Waste	129	1.0
MSW/Landfill Gas	127	1.0
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	53,238	100.0
Total Renewable Net Generation	3,629	6.8
Geothermal	-	-
Hydro Conventional	572	1.1
Solar	-	-
Wind	2,055	3.9
Wood/Wood Waste	586	1.1
MSW Biogenic/Landfill Gas	412	0.8
Other Biomass	4	*

* = 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)

Minnesota

Energy Source	2002	2003	2004	2005	2006
Fossil	8,876	8,978	8,988	9,342	9,714
Coal	5,885	5,701	5,621	5,446	5,444
Petroleum	1,049	696	726	739	746
Natural Gas	1,942	2,581	2,641	3,157	3,524
Other Gases	-	-	-	-	-
Nuclear	1,646	1,613	1,613	1,617	1,668
Renewables	754	884	939	1,136	1,259
Pumped Storage	-	-	-	-	-
Other	11	11	11	11	11
Total	11,287	11,485	11,551	12,105	12,651

- = 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)

Minnesota

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	176	176	176	176	175
Solar	-	-	-	-	-
Wind	312	434	487	687	827
Wood/Wood Waste	124	140	137	136	129
MSW/Landfill Gas	142	134	139	137	127
Other Biomass	-	-	-	-	-
Total	754	884	939	1,136	1,259

- = 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)**

Minnesota

Energy Source	2002	2003	2004	2005	2006
Fossil	36,165	38,373	36,304	36,438	36,102
Coal	33,920	35,656	34,016	32,910	33,055
Petroleum	653	873	781	783	491
Natural Gas	1,592	1,844	1,507	2,744	2,557
Other Gases	-	-	-	-	-
Nuclear	13,685	13,414	13,296	12,835	13,183
Renewables	2,596	2,935	2,472	3,422	3,629
Pumped Storage	-	-	-	-	-
Other	332	329	292	324	323
Total	52,778	55,051	52,364	53,019	53,238

- = 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)**

Minnesota

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	809	815	738	775	572
Solar	-	-	-	-	-
Wind	906	978	812	1,582	2,055
Wood/Wood Waste	377	657	589	649	586
MSW Biogenic/Landfill Gas	501	482	329	409	412
Other Biomass	3	4	4	6	4
Total	2,596	2,935	2,472	3,422	3,629

- = 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."