

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

Nebraska

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	7,071	100.0
Total Net Summer Renewable Capacity	355	5.0
Geothermal	-	-
Hydro Conventional	272	3.9
Solar	-	-
Wind	73	1.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	6	0.1
Other Biomass	4	0.1
 Generation (thousand megawatthours)		
Total Electricity Net Generation	31,670	100.0
Total Renewable Net Generation	1,207	3.8
Geothermal	-	-
Hydro Conventional	893	2.8
Solar	-	-
Wind	261	0.8
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	37	0.1
Other Biomass	15	*

* = 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)

Nebraska

Energy Source	2002	2003	2004	2005	2006
Fossil	4,657	5,162	5,219	5,435	5,478
Coal	3,204	3,204	3,204	3,204	3,204
Petroleum	639	638	639	640	642
Natural Gas	815	1,320	1,376	1,591	1,632
Other Gases	-	-	-	-	-
Nuclear	1,234	1,233	1,232	1,238	1,238
Renewables	177	289	287	349	355
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	6,069	6,684	6,738	7,023	7,071

- = 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)

Nebraska

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	167	268	266	269	272
Solar	-	-	-	-	-
Wind	3	13	13	73	73
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	3	3	3	3	6
Other Biomass	5	5	4	4	4
Total	177	289	287	349	355

- = 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)**

Nebraska

Energy Source	2002	2003	2004	2005	2006
Fossil	20,378	21,384	20,776	21,652	21,461
Coal	19,944	20,954	20,457	20,818	20,683
Petroleum	21	49	22	31	19
Natural Gas	413	381	297	803	759
Other Gases	s	s	s	s	-
Nuclear	10,122	7,997	10,241	8,802	9,003
Renewables	1,119	1,075	991	1,011	1,207
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	31,618	30,456	32,009	31,465	31,670

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: 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)**

Nebraska

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	1,097	980	913	871	893
Solar	-	-	-	-	-
Wind	8	38	38	97	261
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	27	27	25	37
Other Biomass	13	29	13	18	15
Total	1,119	1,075	991	1,011	1,207

- = 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."