

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

Nebraska

Primary Renewable Energy Capacity Source
 Primary Renewable Energy Generation Source

Hydro Conventional
 Hydro Conventional

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	6,971	100.0
Total Net Summer Renewable Capacity	308	4.4
Geothermal	-	-
Hydro Conventional	273	3.9
Solar	-	-
Wind	25	0.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	6	0.1
Other Biomass	5	0.1
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	32,443	100.0
Total Renewable Net Generation	625	1.9
Geothermal	-	-
Hydro Conventional	347	1.1
Solar	-	-
Wind	217	0.7
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	46	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, 2003 - 2007 (Megawatts)

Nebraska

Energy Source	2003	2004	2005	2006	2007
Fossil	5,162	5,219	5,435	5,478	5,423
Coal	3,204	3,204	3,204	3,204	3,204
Petroleum	638	639	640	642	330
Natural Gas	1,320	1,376	1,591	1,632	1,889
Other Gases	-	-	-	-	-
Nuclear	1,233	1,232	1,238	1,238	1,240
Renewables	289	287	349	355	308
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	6,684	6,738	7,023	7,071	6,971

- = 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)

Nebraska

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	268	266	269	272	273
Solar	-	-	-	-	-
Wind	13	13	73	73	25
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	3	3	3	6	6
Other Biomass	5	4	4	4	5
Total	289	287	349	355	308

- = 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)**

Nebraska

Energy Source	2003	2004	2005	2006	2007
Fossil	21,384	20,776	21,652	21,461	20,776
Coal	20,954	20,457	20,818	20,683	19,630
Petroleum	49	22	31	19	36
Natural Gas	381	297	803	759	1,110
Other Gases	s	s	s	-	-
Nuclear	7,997	10,241	8,802	9,003	11,042
Renewables	1,075	991	1,011	1,207	625
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	30,456	32,009	31,465	31,670	32,443

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, 2003 - 2007
(Thousand Megawatthours)**

Nebraska

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	980	913	871	893	347
Solar	-	-	-	-	-
Wind	38	38	97	261	217
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	27	27	25	37	46
Other Biomass	29	13	18	15	15
Total	1,075	991	1,011	1,207	625

- = 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."