

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

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	7,857	100.0
Total Net Summer Renewable Capacity	443	5.6
Geothermal	-	-
Hydro Conventional	278	3.5
Solar	-	-
Wind	154	2.0
Wood/Wood Waste	-	-
MSW/Landfill Gas	6	0.1
Other Biomass	5	0.1

Generation (thousand megawatthours)

Total Electricity Net Generation	36,630	100.0
Total Renewable Net Generation	1,807	4.9
Geothermal	-	-
Hydro Conventional	1,314	3.6
Solar	-	-
Wind	422	1.2
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	53	0.1
Other Biomass	18	*

* = 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: 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)**Nebraska**

Energy Source	2006	2007	2008	2009	2010
Fossil	5,478	5,423	5,459	6,123	6,169
Coal	3,204	3,204	3,204	3,871	3,932
Petroleum	642	330	382	387	387
Natural Gas	1,632	1,889	1,874	1,864	1,849
Other Gases	-	-	-	-	-
Nuclear	1,238	1,240	1,252	1,252	1,245
Renewables	355	308	313	393	443
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	7,071	6,971	7,024	7,768	7,857

- = 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)

Nebraska

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	272	273	278	278	278
Solar	-	-	-	-	-
Wind	73	25	25	105	154
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	6	6	6	6	6
Other Biomass	4	5	5	5	5
Total	355	308	313	393	443

- = 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)****Nebraska**

Energy Source	2006	2007	2008	2009	2010
Fossil	21,461	20,776	22,273	23,684	23,769
Coal	20,683	19,630	21,480	23,350	23,363
Petroleum	19	36	35	23	31
Natural Gas	759	1,110	758	312	375
Other Gases	-	-	-	-	-
Nuclear	9,003	11,042	9,479	9,435	11,054
Renewables	1,207	625	622	883	1,807
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	31,670	32,443	32,374	34,002	36,630

- = 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)**

Nebraska

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	893	347	346	434	1,314
Solar	-	-	-	-	-
Wind	261	217	214	383	422
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	37	46	45	47	53
Other Biomass	15	15	16	19	18
Total	1,207	625	622	883	1,807

- = 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.