

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

Wyoming

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

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	7,986	100.0
Total Net Summer Renewable Capacity	1,722	21.6
Geothermal	-	-
Hydro Conventional	307	3.8
Solar	-	-
Wind	1,415	17.7
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	48,119	100.0
Total Renewable Net Generation	4,271	8.9
Geothermal	-	-
Hydro Conventional	1,024	2.1
Solar	-	-
Wind	3,247	6.7
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	-	-
Other Biomass	-	-

- = 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)**Wyoming**

Energy Source	2006	2007	2008	2009	2010
Fossil	6,105	6,065	6,150	6,147	6,253
Coal	5,847	5,847	5,932	5,929	6,035
Petroleum	6	7	7	7	7
Natural Gas	160	120	120	120	120
Other Gases	92	92	92	92	92
Nuclear	-	-	-	-	-
Renewables	590	590	983	1,408	1,722
Pumped Storage	-	-	-	-	-
Other	12	12	12	12	12
Total	6,707	6,667	7,145	7,566	7,986

- = 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)

Wyoming

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	303	303	303	304	307
Solar	-	-	-	-	-
Wind	287	287	680	1,104	1,415
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	590	590	983	1,408	1,722

- = 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)****Wyoming**

Energy Source	2006	2007	2008	2009	2010
Fossil	43,749	44,080	44,635	42,777	43,781
Coal	42,892	43,127	43,808	41,954	42,987
Petroleum	46	47	44	50	56
Natural Gas	501	594	495	488	459
Other Gases	310	312	289	284	279
Nuclear	-	-	-	-	-
Renewables	1,602	1,484	1,798	3,193	4,271
Pumped Storage	-	-	-	-	-
Other	49	69	67	60	68
Total	45,400	45,633	46,500	46,029	48,119

- = 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)****Wyoming**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	843	729	835	967	1,024
Solar	-	-	-	-	-
Wind	759	755	963	2,226	3,247
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	1,602	1,484	1,798	3,193	4,271

- = 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.