

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

Wyoming

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Wind		
<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State</u>	<u>Total</u>
Total Net Summer Electricity Capacity	6,667	100.0	
Total Net Summer Renewable Capacity	590	8.9	
Geothermal	-	-	
Hydro Conventional	303	4.5	
Solar	-	-	
Wind	287	4.3	
Wood/Wood Waste	-	-	
MSW/Landfill Gas	-	-	
Other Biomass	-	-	
<u>Generation (thousand megawatthours)</u>			
Total Electricity Net Generation	45,633	100.0	
Total Renewable Net Generation	1,484	3.3	
Geothermal	-	-	
Hydro Conventional	729	1.6	
Solar	-	-	
Wind	755	1.7	
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: 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)

Wyoming

Energy Source	2003	2004	2005	2006	2007
Fossil	5,977	5,959	6,105	6,105	6,065
Coal	5,792	5,792	5,847	5,847	5,847
Petroleum	8	6	6	6	7
Natural Gas	177	161	160	160	120
Other Gases	-	-	92	92	92
Nuclear	-	-	-	-	-
Renewables	585	588	590	590	590
Pumped Storage	-	-	-	-	-
Other	-	12	12	12	12
Total	6,562	6,558	6,707	6,707	6,667

- = 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)

Wyoming

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	300	303	303	303	303
Solar	-	-	-	-	-
Wind	285	285	287	287	287
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	585	588	590	590	590

- = 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)**

Wyoming

Energy Source	2003	2004	2005	2006	2007
Fossil	42,667	43,491	43,977	43,749	44,080
Coal	42,341	43,346	43,346	42,892	43,127
Petroleum	45	46	42	46	47
Natural Gas	280	87	325	501	594
Other Gases	-	13	264	310	312
Nuclear	-	-	-	-	-
Renewables	960	1,210	1,526	1,602	1,484
Pumped Storage	-	-	-	-	-
Other	-	107	65	49	69
Total	43,627	44,808	45,567	45,400	45,633

- = 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)**

Wyoming

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	594	593	808	843	729
Solar	-	-	-	-	-
Wind	366	617	717	759	755
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	960	1,210	1,526	1,602	1,484

- = 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."