

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

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

<b>Capacity (megawatts)</b>	<b>Value</b>	<b>Percent of State Total</b>
<b>Total Net Summer Electricity Capacity</b>	<b>5,866</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>3,085</b>	<b>52.6</b>
Geothermal	-	-
Hydro Conventional	2,705	46.1
Solar	-	-
Wind	379	6.5
Wood/Wood Waste	-	-
MSW/Landfill Gas	-	-
Other Biomass	-	-
<b>Generation (thousand megawatthours)</b>		
<b>Total Electricity Net Generation</b>	<b>29,791</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>10,442</b>	<b>35.1</b>
Geothermal	-	-
Hydro Conventional	9,415	31.6
Solar	-	-
Wind	930	3.1
Wood/Wood Waste	97	0.3
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)****Montana**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	2,671	2,671	2,682	2,701	2,782
Coal	2,460	2,458	2,442	2,442	2,442
Petroleum	57	59	57	57	54
Natural Gas	154	154	181	200	284
Other Gases	-	-	2	2	2
Nuclear	-	-	-	-	-
Renewables	2,766	2,809	2,932	3,078	3,085
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>5,437</b>	<b>5,479</b>	<b>5,614</b>	<b>5,779</b>	<b>5,866</b>

- = 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)**

**Montana**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	22	-	-	-
Hydro Conventional	2,604	2,620	2,660	2,692	2,705
Solar	-	-	-	-	-
Wind	145	149	255	369	379
Wood/Wood Waste	17	17	17	17	-
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>2,766</b>	<b>2,809</b>	<b>2,932</b>	<b>3,078</b>	<b>3,085</b>

- = 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)****Montana**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	17,583	18,960	18,822	16,181	19,068
Coal	17,085	18,357	18,332	15,611	18,601
Petroleum	419	479	419	490	409
Natural Gas	68	106	66	78	57
Other Gases	11	19	6	1	2
Nuclear	-	-	-	-	-
Renewables	10,661	9,971	10,704	10,422	10,442
Pumped Storage	-	-	-	-	-
Other	-	-	111	110	281
<b>Total</b>	<b>28,244</b>	<b>28,931</b>	<b>29,637</b>	<b>26,713</b>	<b>29,791</b>

- = 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)**

**Montana**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	-	-	-	-	-
Hydro Conventional	10,130	9,364	10,000	9,506	9,415
Solar	-	-	-	-	-
Wind	436	496	593	821	930
Wood/Wood Waste	94	111	111	95	97
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>10,661</b>	<b>9,971</b>	<b>10,704</b>	<b>10,422</b>	<b>10,442</b>

- = 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.