

**Table 1. Summary Renewable Electric Power Industry Statistics (2006)**

**Montana**

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

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
<b>Total Net Summer Electricity Capacity</b>	<b>5,437</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>2,766</b>	<b>50.9</b>
Geothermal	-	-
Hydro Conventional	2,604	47.9
Solar	-	-
Wind	145	2.7
Wood/Wood Waste	17	0.3
MSW/Landfill Gas	-	-
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
<b>Total Electricity Net Generation</b>	<b>28,244</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>10,654</b>	<b>37.7</b>
Geothermal	-	-
Hydro Conventional	10,130	35.9
Solar	-	-
Wind	436	1.5
Wood/Wood Waste	88	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: 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, 2002 - 2006 (Megawatts)**

**Montana**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	2,444	2,487	2,488	2,497	2,671
Coal	2,296	2,300	2,335	2,339	2,460
Petroleum	90	90	55	57	57
Natural Gas	58	97	98	100	154
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	2,728	2,723	2,645	2,772	2,766
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>5,172</b>	<b>5,210</b>	<b>5,132</b>	<b>5,268</b>	<b>5,437</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:** Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2002 - 2006 (Megawatts)**

**Montana**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	2,717	2,712	2,627	2,619	2,604
Solar	-	-	-	-	-
Wind	-	-	-	135	145
Wood/Wood Waste	11	11	17	17	17
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>2,728</b>	<b>2,723</b>	<b>2,645</b>	<b>2,772</b>	<b>2,766</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:** Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2002 - 2006  
 (Thousand Megawatthours)**

**Montana**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	15,843	17,496	17,873	18,286	17,589
Coal	15,338	17,049	17,380	17,823	17,085
Petroleum	470	402	438	414	417
Natural Gas	17	25	32	36	78
Other Gases	19	20	22	13	9
Nuclear	-	-	-	-	-
Renewables	9,630	8,773	8,916	9,653	10,654
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>25,474</b>	<b>26,269</b>	<b>26,789</b>	<b>27,939</b>	<b>28,244</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:** 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, 2002 - 2006  
 (Thousand Megawatthours)**

**Montana**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	9,567	8,702	8,856	9,587	10,130
Solar	-	-	-	-	-
Wind	-	-	-	-	436
Wood/Wood Waste	63	71	60	65	88
MSW Biogenic/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>9,630</b>	<b>8,773</b>	<b>8,916</b>	<b>9,653</b>	<b>10,654</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:** Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."