

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

**Massachusetts**

Primary Renewable Energy Capacity Source      Municipal Solid Waste/Landfill Gas  
 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>13,932</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>554</b>	<b>4.0</b>
Geothermal	-	-
Hydro Conventional	259	1.9
Solar	-	-
Wind	-	-
Wood/Wood Waste	26	0.2
MSW/Landfill Gas	261	1.9
Other Biomass	9	0.1
 <u>Generation (thousand megawatthours)</u>		
<b>Total Electricity Net Generation</b>	<b>45,598</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>2,791</b>	<b>6.1</b>
Geothermal	-	-
Hydro Conventional	1,513	3.3
Solar	-	-
Wind	-	-
Wood/Wood Waste	125	0.3
MSW Biogenic/Landfill Gas	1,126	2.5
Other Biomass	27	0.1

- = 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)**

**Massachusetts**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	9,284	10,984	11,122	11,085	11,050
Coal	1,689	1,659	1,723	1,743	1,743
Petroleum	4,235	3,780	3,242	3,241	3,219
Natural Gas	3,360	5,544	6,157	6,102	6,089
Other Gases	-	-	-	-	-
Nuclear	667	685	685	685	685
Renewables	558	566	553	556	554
Pumped Storage	1,650	1,643	1,643	1,643	1,643
Other	-	-	-	-	-
<b>Total</b>	<b>12,159</b>	<b>13,877</b>	<b>14,002</b>	<b>13,969</b>	<b>13,932</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)**

**Massachusetts**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	253	261	260	260	259
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	26	26	26	26	26
MSW/Landfill Gas	258	258	258	261	261
Other Biomass	21	21	9	9	9
<b>Total</b>	<b>558</b>	<b>566</b>	<b>553</b>	<b>556</b>	<b>554</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)**

**Massachusetts**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	34,172	40,779	39,037	39,429	36,773
Coal	11,503	10,896	10,526	12,034	11,138
Petroleum	6,800	7,459	7,501	7,119	2,362
Natural Gas	15,869	22,424	21,010	20,277	23,273
Other Gases	-	-	-	-	-
Nuclear	5,769	4,978	5,939	5,475	5,830
Renewables	2,147	2,328	2,222	2,300	2,791
Pumped Storage	-843	-511	-498	-462	-579
Other	783	810	801	772	782
<b>Total</b>	<b>42,028</b>	<b>48,385</b>	<b>47,500</b>	<b>47,515</b>	<b>45,598</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)**

**Massachusetts**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	-	-	-	-	-
Hydro Conventional	875	1,075	998	1,042	1,513
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	107	120	114	120	125
MSW Biogenic/Landfill Gas	1,140	1,109	1,100	1,114	1,126
Other Biomass	26	25	9	25	27
<b>Total</b>	<b>2,147</b>	<b>2,328</b>	<b>2,222</b>	<b>2,300</b>	<b>2,791</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."