

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

Maine

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Wood/Wood Waste	
<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	4,213	100.0
Total Net Summer Renewable Capacity	1,462	34.7
Geothermal	-	-
Hydro Conventional	718	17.0
Solar	-	-
Wind	42	1.0
Wood/Wood Waste	612	14.5
MSW/Landfill Gas	53	1.3
Other Biomass	36	0.9
<u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	16,129	100.0
Total Renewable Net Generation	7,945	49.3
Geothermal	-	-
Hydro Conventional	3,738	23.2
Solar	-	-
Wind	99	0.6
Wood/Wood Waste	3,848	23.9
MSW Biogenic/Landfill Gas	208	1.3
Other Biomass	52	0.3

- = 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)

Maine

Energy Source	2003	2004	2005	2006	2007
Fossil	2,871	2,772	2,772	2,770	2,751
Coal	85	85	85	85	85
Petroleum	1,116	1,029	1,030	1,030	1,031
Natural Gas	1,670	1,658	1,658	1,655	1,636
Other Gases	-	-	-	-	-
Nuclear	-	-	-	-	-
Renewables	1,414	1,418	1,413	1,418	1,462
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	4,285	4,190	4,185	4,187	4,213

- = 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)

Maine

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	721	722	720	719	718
Solar	-	-	-	-	-
Wind	-	-	-	-	42
Wood/Wood Waste	641	642	605	609	612
MSW/Landfill Gas	53	53	53	53	53
Other Biomass	-	-	35	36	36
Total	1,414	1,418	1,413	1,418	1,462

- = 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)**

Maine

Energy Source	2003	2004	2005	2006	2007
Fossil	11,735	11,504	10,340	8,214	7,869
Coal	377	359	320	321	376
Petroleum	1,920	1,312	1,621	595	818
Natural Gas	9,439	9,832	8,398	7,298	6,675
Other Gases	s	s	s	-	-
Nuclear	-	-	-	-	-
Renewables	6,759	7,028	8,159	8,246	7,945
Pumped Storage	-	-	-	-	-
Other	478	567	345	356	315
Total	18,972	19,099	18,844	16,816	16,129

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = 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)**

Maine

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	3,173	3,430	4,091	4,278	3,738
Solar	-	-	-	-	-
Wind	-	-	-	-	99
Wood/Wood Waste	3,288	3,187	3,778	3,685	3,848
MSW Biogenic/Landfill Gas	225	220	234	235	208
Other Biomass	73	191	56	48	52
Total	6,759	7,028	8,159	8,246	7,945

- = 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."