

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

**Hawaii**

Primary Renewable Energy Capacity Source	Municipal Solid Waste/Landfill Gas	
Primary Renewable Energy Generation Source	Geothermal	
<b><u>Capacity (megawatts)</u></b>	<b><u>Value</u></b>	<b><u>Percent of State Total</u></b>
<b>Total Net Summer Electricity Capacity</b>	<b>2,414</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>206</b>	<b>8.5</b>
Geothermal	31	1.3
Hydro Conventional	24	1.0
Solar	-	-
Wind	43	1.8
Wood/Wood Waste	-	-
MSW/Landfill Gas	60	2.5
Other Biomass	49	2.0
<b><u>Generation (thousand megawatthours)</u></b>		
<b>Total Electricity Net Generation</b>	<b>11,559</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>738</b>	<b>6.4</b>
Geothermal	212	1.8
Hydro Conventional	120	1.0
Solar	-	-
Wind	80	0.7
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	189	1.6
Other Biomass	137	1.2

- = 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)**

**Hawaii**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	2,093	2,093	2,138	2,183	2,208
Coal	202	202	180	180	180
Petroleum	1,882	1,882	1,949	1,994	2,019
Natural Gas	-	-	-	-	-
Other Gases	9	9	9	9	9
Nuclear	-	-	-	-	-
Renewables	174	175	173	175	206
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>2,267</b>	<b>2,268</b>	<b>2,311</b>	<b>2,358</b>	<b>2,414</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)**

**Hawaii**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	33	33	31	31	31
Hydro Conventional	23	22	22	24	24
Solar	-	-	-	-	-
Wind	11	11	11	11	43
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	60	60	60	60	60
Other Biomass	46	49	49	49	49
<b>Total</b>	<b>174</b>	<b>175</b>	<b>173</b>	<b>175</b>	<b>206</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)**

**Hawaii**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Fossil	11,054	10,187	10,596	10,739	10,646
Coal	1,546	1,644	1,604	1,631	1,549
Petroleum	9,467	8,503	8,952	9,076	9,063
Natural Gas	-	-	-	-	-
Other Gases	41	40	41	31	34
Nuclear	-	-	-	-	-
Renewables	466	618	644	635	738
Pumped Storage	-	-	-	-	-
Other	143	172	170	149	176
<b>Total</b>	<b>11,663</b>	<b>10,976</b>	<b>11,410</b>	<b>11,523</b>	<b>11,559</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)**

**Hawaii**

<b>Energy Source</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Geothermal	73	178	213	222	212
Hydro Conventional	95	91	94	96	120
Solar	-	-	-	-	-
Wind	2	2	7	7	80
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	169	184	178	163	189
Other Biomass	127	164	151	148	137
<b>Total</b>	<b>466</b>	<b>618</b>	<b>644</b>	<b>635</b>	<b>738</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."