

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

Primary Renewable Energy Capacity Source	Other Biomass
Primary Renewable Energy Generation Source	Wind

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	2,536	100.0
Total Net Summer Renewable Capacity	340	13.4
Geothermal	31	1.2
Hydro Conventional	24	0.9
Solar	2	0.1
Wind	62	2.4
Wood/Wood Waste	-	-
MSW/Landfill Gas	60	2.4
Other Biomass	162	6.4

Generation (thousand megawatthours)

Total Electricity Net Generation	10,836	100.0
Total Renewable Net Generation	817	7.5
Geothermal	201	1.9
Hydro Conventional	70	0.6
Solar	2	*
Wind	261	2.4
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	174	1.6
Other Biomass	109	1.0

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

* = Absolute percentage less than 0.05.

- = 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)**Hawaii**

Energy Source	2006	2007	2008	2009	2010
Fossil	2,208	2,209	2,208	2,223	2,196
Coal	180	180	180	180	180
Petroleum	2,019	2,020	2,019	2,034	2,007
Natural Gas	-	-	-	-	-
Other Gases	9	9	9	9	9
Nuclear	-	-	-	-	-
Renewables	206	227	228	341	340
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	2,414	2,436	2,437	2,565	2,536

- = 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)

Hawaii

Energy Source	2006	2007	2008	2009	2010
Geothermal	31	31	31	31	31
Hydro Conventional	24	24	24	24	24
Solar	-	-	1	1	2
Wind	43	64	64	64	62
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	60	60	60	60	60
Other Biomass	49	49	49	162	162
Total	206	227	228	341	340

- = 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)****Hawaii**

Energy Source	2006	2007	2008	2009	2010
Fossil	10,646	10,538	10,356	9,812	9,655
Coal	1,549	1,579	1,648	1,500	1,546
Petroleum	9,054	8,914	8,670	8,289	8,087
Natural Gas	-	-	-	-	-
Other Gases	43	45	39	22	22
Nuclear	-	-	-	-	-
Renewables	738	846	861	817	817
Pumped Storage	-	-	-	-	-
Other	176	149	159	381	364
Total	11,559	11,533	11,376	11,011	10,836

- = 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)**

Hawaii

Energy Source	2006	2007	2008	2009	2010
Geothermal	212	230	234	168	201
Hydro Conventional	120	92	84	113	70
Solar	-	-	s	1	2
Wind	80	238	240	251	261
Wood/Wood Waste	-	-	-	-	s
MSW Biogenic/Landfill Gas	189	169	184	180	174
Other Biomass	137	116	118	104	109
Total	738	846	861	817	817

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

- = 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.