

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

Primary Renewable Energy Capacity Source Municipal Solid Waste/Landfill Gas
 Primary Renewable Energy Generation Source Municipal Solid Waste/Landfill Gas

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	8,284	100.0
Total Net Summer Renewable Capacity	281	3.4
Geothermal	-	-
Hydro Conventional	122	1.5
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW/Landfill Gas	159	1.9
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	33,350	100.0
Total Renewable Net Generation	1,130	3.4
Geothermal	-	-
Hydro Conventional	391	1.2
Solar	-	-
Wind	-	-
Wood/Wood Waste	s	*
MSW Biogenic/Landfill Gas	739	2.2
Other Biomass	-	-

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)**Connecticut**

Energy Source	2006	2007	2008	2009	2010
Fossil	5,498	5,361	5,466	5,582	5,845
Coal	551	551	553	564	564
Petroleum	2,926	2,709	2,741	2,749	2,989
Natural Gas	2,020	2,100	2,171	2,268	2,292
Other Gases	-	-	-	-	-
Nuclear	2,037	2,022	2,015	2,103	2,103
Renewables	316	285	287	287	281
Pumped Storage	4	29	29	29	29
Other	27	27	27	27	27
Total	7,882	7,725	7,824	8,028	8,284

- = 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)

Connecticut

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	147	122	122	122	122
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	170	163	166	166	159
Other Biomass	-	-	-	-	-
Total	316	285	287	287	281

- = 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)****Connecticut**

Energy Source	2006	2007	2008	2009	2010
Fossil	16,046	14,982	12,970	12,562	14,743
Coal	4,282	3,739	4,387	2,453	2,604
Petroleum	1,279	1,311	514	299	409
Natural Gas	10,484	9,930	8,070	9,809	11,716
Other Gases	2	2	-	-	14
Nuclear	16,589	16,386	15,433	16,657	16,750
Renewables	1,307	1,093	1,290	1,268	1,130
Pumped Storage	-	-15	7	5	9
Other	739	726	710	713	717
Total	34,682	33,171	30,409	31,206	33,350

- = 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)**

Connecticut

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	544	363	556	510	391
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	9	2	2	1	s
MSW Biogenic/Landfill Gas	755	728	732	758	739
Other Biomass	-	-	-	-	-
Total	1,307	1,093	1,290	1,268	1,130

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

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.