

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

Connecticut

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

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	7,882	100.0
Total Net Summer Renewable Capacity	316	4.0
Geothermal	-	-
Hydro Conventional	147	1.9
Solar	-	-
Wind	-	-
Wood/Wood Waste	-	-
MSW/Landfill Gas	170	2.2
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	34,682	100.0
Total Renewable Net Generation	1,307	3.8
Geothermal	-	-
Hydro Conventional	544	1.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	9	*
MSW Biogenic/Landfill Gas	755	2.2
Other Biomass	-	-

* = 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: 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)

Connecticut

Energy Source	2002	2003	2004	2005	2006
Fossil	4,989	5,171	5,549	5,581	5,498
Coal	553	553	553	555	551
Petroleum	2,773	2,933	2,862	2,989	2,926
Natural Gas	1,662	1,685	2,134	2,037	2,020
Other Gases	-	-	-	-	-
Nuclear	2,006	1,997	2,037	2,037	2,037
Renewables	374	374	312	313	316
Pumped Storage	4	4	4	4	4
Other	27	27	27	27	27
Total	7,400	7,573	7,929	7,962	7,882

- = 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)

Connecticut

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	146	146	146	146	147
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	228	228	166	166	170
Other Biomass	-	-	-	-	-
Total	374	374	312	313	316

- = 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)**

Connecticut

Energy Source	2002	2003	2004	2005	2006
Fossil	14,442	11,325	14,103	16,018	16,046
Coal	3,227	4,200	4,256	3,996	4,282
Petroleum	2,338	2,063	1,738	3,156	1,290
Natural Gas	8,868	5,062	8,109	8,864	10,472
Other Gases	9	-	-	2	2
Nuclear	14,918	16,078	16,539	15,562	16,589
Renewables	1,156	1,350	1,220	1,232	1,307
Pumped Storage	-10	s	8	-2	-
Other	804	792	763	740	739
Total	31,311	29,545	32,633	33,550	34,682

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, 2002 - 2006
 (Thousand Megawatthours)**

Connecticut

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	335	564	463	478	544
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	-	-	5	7	9
MSW Biogenic/Landfill Gas	821	786	752	746	755
Other Biomass	-	-	-	-	-
Total	1,156	1,350	1,220	1,232	1,307

- = 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."