

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

New York

Primary Renewable Energy Capacity Source Hydro Conventional
 Primary Renewable Energy Generation Source Hydro Conventional

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	39,550	100.0
Total Net Summer Renewable Capacity	5,027	12.7
Geothermal	-	-
Hydro Conventional	4,307	10.9
Solar	-	-
Wind	370	0.9
Wood/Wood Waste	37	0.1
MSW/Landfill Gas	313	0.8
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	142,265	100.0
Total Renewable Net Generation	29,951	21.1
Geothermal	-	-
Hydro Conventional	27,345	19.2
Solar	-	-
Wind	655	0.5
Wood/Wood Waste	530	0.4
MSW Biogenic/Landfill Gas	1,410	1.0
Other Biomass	11	*

* = 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)

New York

Energy Source	2002	2003	2004	2005	2006
Fossil	25,198	25,838	26,882	27,943	28,071
Coal	4,144	4,226	4,201	4,218	4,014
Petroleum	7,856	8,456	7,407	7,231	7,241
Natural Gas	13,197	13,156	15,274	16,494	16,816
Other Gases	-	-	-	-	-
Nuclear	5,047	5,028	5,067	5,150	5,156
Renewables	4,499	4,533	4,596	4,732	5,027
Pumped Storage	1,297	1,297	1,297	1,297	1,297
Other	-	-	-	-	-
Total	36,041	36,696	37,842	39,122	39,550

- = 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)

New York

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	4,109	4,160	4,210	4,207	4,307
Solar	-	-	-	-	-
Wind	48	48	48	185	370
Wood/Wood Waste	37	37	37	37	37
MSW/Landfill Gas	305	288	301	303	313
Other Biomass	-	-	-	-	-
Total	4,499	4,533	4,596	4,732	5,027

- = 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)**

New York

Energy Source	2002	2003	2004	2005	2006
Fossil	73,224	71,029	71,337	76,473	69,870
Coal	23,239	23,581	22,854	20,598	20,969
Petroleum	11,534	19,292	21,158	24,044	6,830
Natural Gas	38,451	28,156	27,325	31,831	42,071
Other Gases	-	-	-	-	-
Nuclear	39,617	40,679	40,640	42,443	42,224
Renewables	26,856	26,004	25,917	27,781	29,951
Pumped Storage	-921	-912	-813	-781	-756
Other	815	843	884	971	977
Total	139,592	137,643	137,965	146,887	142,265

- = 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)**

New York

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	25,048	24,269	23,990	25,783	27,345
Solar	-	-	-	-	-
Wind	82	41	116	103	655
Wood/Wood Waste	412	412	513	538	530
MSW Biogenic/Landfill Gas	1,314	1,283	1,277	1,344	1,410
Other Biomass	-	-	21	14	11
Total	26,856	26,004	25,917	27,781	29,951

- = 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."