

Table 1. Summary Renewable Electric Power Industry Statistics (2007)

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</u>	<u>Total</u>
Total Net Summer Electricity Capacity	39,121	100.0	
Total Net Summer Renewable Capacity	5,087	13.0	
Geothermal	-	-	
Hydro Conventional	4,301	11.0	
Solar	-	-	
Wind	425	1.1	
Wood/Wood Waste	37	0.1	
MSW/Landfill Gas	324	0.8	
Other Biomass	-	-	
<u>Generation (thousand megawatthours)</u>			
Total Electricity Net Generation	145,879	100.0	
Total Renewable Net Generation	28,028	19.2	
Geothermal	-	-	
Hydro Conventional	25,253	17.3	
Solar	-	-	
Wind	833	0.6	
Wood/Wood Waste	492	0.3	
MSW Biogenic/Landfill Gas	1,442	1.0	
Other Biomass	7	*	

* = 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, 2003 - 2007 (Megawatts)

New York

Energy Source	2003	2004	2005	2006	2007
Fossil	25,838	26,882	27,943	28,071	27,582
Coal	4,226	4,201	4,218	4,014	3,570
Petroleum	8,456	7,407	7,231	7,241	7,286
Natural Gas	13,156	15,274	16,494	16,816	16,727
Other Gases	-	-	-	-	-
Nuclear	5,028	5,067	5,150	5,156	5,156
Renewables	4,533	4,596	4,732	5,027	5,087
Pumped Storage	1,297	1,297	1,297	1,297	1,297
Other	-	-	-	-	-
Total	36,696	37,842	39,122	39,550	39,121

- = 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, 2003 - 2007 (Megawatts)

New York

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	4,160	4,210	4,207	4,307	4,301
Solar	-	-	-	-	-
Wind	48	48	185	370	425
Wood/Wood Waste	37	37	37	37	37
MSW/Landfill Gas	288	301	303	313	324
Other Biomass	-	-	-	-	-
Total	4,533	4,596	4,732	5,027	5,087

- = 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, 2003 - 2007
(Thousand Megawatthours)**

New York

Energy Source	2003	2004	2005	2006	2007
Fossil	71,029	71,352	76,483	69,880	75,234
Coal	23,581	22,853	20,598	20,968	21,406
Petroleum	19,292	21,205	24,013	6,778	8,195
Natural Gas	28,156	27,294	31,873	42,134	45,634
Other Gases	-	-	-	-	-
Nuclear	40,679	40,640	42,443	42,224	42,453
Renewables	26,004	25,901	27,771	29,941	28,028
Pumped Storage	-912	-813	-781	-756	-768
Other	843	884	971	977	932
Total	137,643	137,965	146,887	142,265	145,879

- = 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, 2003 - 2007
(Thousand Megawatthours)**

New York

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	24,269	23,990	25,783	27,345	25,253
Solar	-	-	-	-	-
Wind	41	116	103	655	833
Wood/Wood Waste	412	497	528	522	492
MSW Biogenic/Landfill Gas	1,283	1,277	1,344	1,410	1,442
Other Biomass	-	21	14	10	7
Total	26,004	25,901	27,771	29,941	28,028

- = 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."