

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

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

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	39,357	100.0
Total Net Summer Renewable Capacity	6,033	15.3
Geothermal	-	-
Hydro Conventional	4,314	11.0
Solar	-	-
Wind	1,274	3.2
Wood/Wood Waste	86	0.2
MSW/Landfill Gas	359	0.9
Other Biomass	-	-
Generation (thousand megawatthours)		
Total Electricity Net Generation	136,962	100.0
Total Renewable Net Generation	30,286	22.1
Geothermal	-	-
Hydro Conventional	25,472	18.6
Solar	-	-
Wind	2,596	1.9
Wood/Wood Waste	547	0.4
MSW Biogenic/Landfill Gas	1,671	1.2
Other Biomass	-	-

- = 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)**New York**

Energy Source	2006	2007	2008	2009	2010
Fossil	28,071	27,582	26,726	27,022	26,653
Coal	4,014	3,570	2,899	2,804	2,781
Petroleum	7,241	7,286	7,273	7,335	6,421
Natural Gas	16,816	16,727	16,554	16,882	17,407
Other Gases	-	-	-	-	45
Nuclear	5,156	5,156	5,264	5,262	5,271
Renewables	5,027	5,087	5,433	6,013	6,033
Pumped Storage	1,297	1,297	1,297	1,374	1,400
Other	-	-	-	-	-
Total	39,550	39,121	38,720	39,671	39,357

- = 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)**New York**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	4,307	4,301	4,299	4,310	4,314
Solar	-	-	-	-	-
Wind	370	425	707	1,274	1,274
Wood/Wood Waste	37	37	87	86	86
MSW/Landfill Gas	313	324	340	344	359
Other Biomass	-	-	-	-	-
Total	5,027	5,087	5,433	6,013	6,033

- = 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)****New York**

Energy Source	2006	2007	2008	2009	2010
Fossil	69,880	75,234	66,756	57,187	64,503
Coal	20,968	21,406	19,154	12,759	13,583
Petroleum	6,778	8,195	3,745	2,648	2,005
Natural Gas	42,134	45,634	43,856	41,780	48,916
Other Gases	-	-	-	-	-
Nuclear	42,224	42,453	43,209	43,485	41,870
Renewables	29,941	28,028	30,042	32,082	30,286
Pumped Storage	-756	-768	-672	-480	-529
Other	977	932	987	877	832
Total	142,265	145,879	140,322	133,151	136,962

- = 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)****New York**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	27,345	25,253	26,723	27,615	25,472
Solar	-	-	-	-	-
Wind	655	833	1,251	2,266	2,596
Wood/Wood Waste	522	492	555	536	547
MSW Biogenic/Landfill Gas	1,410	1,442	1,513	1,665	1,671
Other Biomass	10	7	-	-	-
Total	29,941	28,028	30,042	32,082	30,286

- = 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.