

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

New Jersey

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	18,971	100.0
Total Net Summer Renewable Capacity	212	1.1
Geothermal	-	-
Hydro Conventional	5	*
Solar	-	-
Wind	8	*
Wood/Wood Waste	-	-
MSW/Landfill Gas	181	1.0
Other Biomass	20	0.1
 Generation (thousand megawatthours)		
Total Electricity Net Generation	60,700	100.0
Total Renewable Net Generation	952	1.6
Geothermal	-	-
Hydro Conventional	35	0.1
Solar	-	-
Wind	16	*
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	803	1.3
Other Biomass	98	0.2

* = 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 Jersey

Energy Source	2002	2003	2004	2005	2006
Fossil	13,914	14,124	13,570	12,937	14,363
Coal	2,124	2,124	2,124	2,077	2,124
Petroleum	2,533	3,207	2,814	1,782	1,810
Natural Gas	9,237	8,773	8,611	9,058	10,385
Other Gases	21	21	21	21	44
Nuclear	3,875	3,908	3,972	3,984	3,984
Renewables	195	214	212	204	212
Pumped Storage	400	400	400	400	400
Other	-	-	11	11	11
Total	18,384	18,647	18,164	17,536	18,971

- = 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 Jersey

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	13	14	12	3	5
Solar	-	-	-	-	-
Wind	-	-	-	-	8
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	180	180	181	181	181
Other Biomass	1	20	20	20	20
Total	195	214	212	204	212

- = 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 Jersey

Energy Source	2002	2003	2004	2005	2006
Fossil	29,496	26,362	27,749	27,994	26,907
Coal	9,605	9,790	10,322	11,625	10,862
Petroleum	731	1,542	1,391	1,107	277
Natural Gas	19,069	14,776	15,987	15,197	15,638
Other Gases	90	255	49	65	130
Nuclear	30,866	29,709	27,082	31,392	32,568
Renewables	859	946	842	906	952
Pumped Storage	-146	-120	-287	-283	-299
Other	495	502	496	541	571
Total	61,569	57,399	55,882	60,550	60,700

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 Jersey

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	12	39	38	31	35
Solar	-	-	-	-	-
Wind	-	-	-	-	16
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	831	781	802	872	803
Other Biomass	16	126	3	2	98
Total	859	946	842	906	952

- = 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."