

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

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

<b>Capacity (megawatts)</b>	<b>Value</b>	<b>Percent of State Total</b>
<b>Total Net Summer Electricity Capacity</b>	<b>18,424</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>230</b>	<b>1.2</b>
Geothermal	-	-
Hydro Conventional	4	*
Solar	28	0.2
Wind	8	*
Wood/Wood Waste	-	-
MSW/Landfill Gas	171	0.9
Other Biomass	20	0.1
<b>Generation (thousand megawatthours)</b>		
<b>Total Electricity Net Generation</b>	<b>65,682</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>868</b>	<b>1.3</b>
Geothermal	-	-
Hydro Conventional	18	*
Solar	21	*
Wind	13	*
Wood/Wood Waste	-	-
MSW Biogenic/Landfill Gas	816	1.2
Other Biomass	-	0.0

\* = 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: 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 Jersey**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	14,363	13,741	13,771	13,759	13,676
Coal	2,124	2,054	2,054	2,065	2,036
Petroleum	1,810	1,345	1,514	1,362	1,351
Natural Gas	10,385	10,298	10,159	10,288	10,244
Other Gases	44	44	44	44	44
Nuclear	3,984	3,984	4,108	4,108	4,108
Renewables	212	215	219	221	230
Pumped Storage	400	400	400	400	400
Other	11	11	11	11	11
<b>Total</b>	<b>18,971</b>	<b>18,352</b>	<b>18,508</b>	<b>18,499</b>	<b>18,424</b>

**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 Jersey**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	-	-	-	-	-
Hydro Conventional	5	4	4	6	4
Solar	-	2	4	13	28
Wind	8	8	8	8	8
Wood/Wood Waste	-	-	-	-	-
MSW/Landfill Gas	181	182	184	175	171
Other Biomass	20	20	20	20	20
<b>Total</b>	<b>212</b>	<b>215</b>	<b>219</b>	<b>221</b>	<b>230</b>

- = 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 Jersey**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	26,910	29,576	30,264	26,173	31,662
Coal	10,862	10,211	9,028	5,100	6,418
Petroleum	270	453	325	278	235
Natural Gas	15,668	18,752	20,752	20,625	24,902
Other Gases	110	161	159	170	106
Nuclear	32,568	32,010	32,195	34,328	32,771
Renewables	952	864	931	992	868
Pumped Storage	-299	-269	-275	-202	-194
Other	569	489	559	520	575
<b>Total</b>	<b>60,700</b>	<b>62,671</b>	<b>63,675</b>	<b>61,811</b>	<b>65,682</b>

**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 Jersey**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	-	-	-	-	-
Hydro Conventional	35	21	26	32	18
Solar	-	-	3	11	21
Wind	16	20	21	21	13
Wood/Wood Waste	-	-	-	-	-
MSW Biogenic/Landfill Gas	803	822	879	925	816
Other Biomass	98	1	3	4	-
<b>Total</b>	<b>952</b>	<b>864</b>	<b>931</b>	<b>992</b>	<b>868</b>

- = 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.