Table 1. 2010 Summary Statistics

Item	Value	U.S. Rank
New Jersey		
NERC Region(s)		**RFC**
Primary Energy Source		**Nuclear**
Net Summer Capacity (megawatts)	**18,424**	**22**
Electric Utilities	460	43
Independent Power Producers & Combined Heat and Power	17,964	6
Net Generation (megawatthours)	**65,682,494**	**23**
Electric Utilities	-186,385	50
Independent Power Producers & Combined Heat and Power	65,868,878	6
Emissions (thousand metric tons)		
Sulfur Dioxide	14	40
Nitrogen Oxide	15	41
Carbon Dioxide	19,160	37
Sulfur Dioxide (lbs/MWh)	0.5	45
Nitrogen Oxide (lbs/MWh)	0.5	48
Carbon Dioxide (lbs/MWh)	643	43
Total Retail Sales (megawatthours)	**79,179,427**	**20**
Full Service Provider Sales (megawatthours)	50,482,035	25
Energy-Only Provider Sales (megawatthours)	28,697,392	6
Direct Use (megawatthours)	**963,418**	**28**
Average Retail Price (cents/kWh)	**14.68**	**6**

MWh = Megawatthours.
kWh = Kilowatthours.
Sources: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2010

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
New Jersey			
1. PSEG Salem Generating Station	Nuclear	PSEG Nuclear LLC	2,370
2. PSEG Linden Generating Station	Gas	PSEG Fossil LLC	1,587
3. Bergen Generating Station	Gas	PSEG Fossil LLC	1,199
4. PSEG Hope Creek Generating Station	Nuclear	PSEG Nuclear LLC	1,161
5. PSEG Hudson Generating Station	Coal	PSEG Fossil LLC	930
6. Linden Cogen Plant	Gas	Cogen Technologies Linden Vent	897
7. AES Red Oak LLC	Gas	AES Red Oak LLC	766
8. PSEG Mercer Generating Station	Coal	PSEG Fossil LLC	747
9. PSEG Essex Generating Station	Gas	PSEG Fossil LLC	617
10. Oyster Creek	Nuclear	Exelon Nuclear	615

MW = Megawatt.
Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2010
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
New Jersey						
1. Public Service Elec & Gas Co	Investor-Owned	26,613,454	14,038,598	11,501,474	1,073,382	-
2. Jersey Central Power & Lt Co	Investor-Owned	14,392,535	9,842,598	4,132,015	417,922	-
3. Atlantic City Electric Co	Investor-Owned	6,644,893	4,623,795	1,870,936	150,162	-
4. Hess Retail Natural Gas and Elec. Acctg.	Other Provider	4,976,370	-	2,355,541	2,551,836	68,993
5. Constellation NewEnergy, Inc	Other Provider	4,910,187	12,515	4,010,485	786,639	100,548
Total Sales, Top Five Providers		57,537,439	28,517,506	23,870,451	4,979,941	169,541
Percent of Total State Sales		73	94	59	59	53

- (dash) = Data not available.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 2000 and 2004 Through 2010
(Megawatts)

Energy Source	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
New Jersey										
Electric Utilities	**1,244**	**1,005**	**1,005**	**1,005**	**558**	**477**	**466**	**460**	**7.5**	**2.5**
Coal	387	307	307	307	23	23	23	-	2.3	-
Petroleum	286	232	232	232	69	54	43	49	1.7	0.3
Natural Gas	171	66	66	66	66	-	-	-	1.0	-
Other Renewables[1]	-	-	-	-	-	-	-	11	-	0.1
Pumped Storage	400	400	400	400	400	400	400	400	2.4	2.2
Independent Power Producers and Combined Heat and Power	**15,322**	**17,159**	**16,531**	**17,966**	**17,794**	**18,031**	**18,033**	**17,964**	**92.5**	**97.5**
Coal	1,701	1,817	1,770	1,817	2,031	2,031	2,042	2,036	10.3	11.1
Petroleum	1,945	2,582	1,550	1,578	1,276	1,460	1,319	1,302	11.7	7.1
Natural Gas	7,554	8,545	8,992	10,319	10,232	10,159	10,288	10,244	45.6	55.6
Other Gases[2]	47	21	21	44	44	44	44	44	0.3	0.2
Nuclear	3,862	3,972	3,984	3,984	3,984	4,108	4,108	4,108	23.3	22.3
Hydroelectric	13	12	3	5	4	4	6	4	0.1	*
Other Renewables[1]	200	200	200	208	211	215	215	215	1.2	1.2
Other[3]	-	11	11	11	11	11	11	11	-	0.1
Total Electric Industry	**16,566**	**18,164**	**17,536**	**18,971**	**18,352**	**18,508**	**18,499**	**18,424**	**100.0**	**100.0**
Coal	2,088	2,124	2,077	2,124	2,054	2,054	2,065	2,036	12.6	11.1
Petroleum	2,231	2,814	1,782	1,810	1,345	1,514	1,362	1,351	13.5	7.3
Natural Gas	7,725	8,611	9,058	10,385	10,298	10,159	10,288	10,244	46.6	55.6
Other Gases[2]	47	21	21	44	44	44	44	44	0.3	0.2
Nuclear	3,862	3,972	3,984	3,984	3,984	4,108	4,108	4,108	23.3	22.3
Hydroelectric	13	12	3	5	4	4	6	4	0.1	*
Other Renewables[1]	200	200	200	208	211	215	215	226	1.2	1.2
Pumped Storage	400	400	400	400	400	400	400	400	2.4	2.2
Other[3]	-	11	11	11	11	11	11	11	-	0.1

[1] Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
[2] Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[3] Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 2000 and 2004 Through 2010
(Megawatthours)

Energy Source	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
New Jersey										
Electric Utilities	**25,254,292**	**1,648,908**	**1,248,594**	**1,042,511**	**-191,300**	**-206,308**	**-186,672**	**-186,385**	**43.5**	**-0.3**
Coal	5,317,916	1,800,845	1,376,852	1,213,235	51,331	39,614	12,392	-	9.2	-
Petroleum	295,097	98,826	122,098	98,605	8,841	13,938	2,650	7,005	0.5	*
Natural Gas	1,610,650	36,476	32,351	29,272	17,462	14,984	-	-	2.8	-
Nuclear	18,171,257	-	-	-	-	-	-	-	31.3	-
Other Renewables[1]	-	-	-	-	-	-	-	382	-	*
Pumped Storage	-140,628	-287,239	-282,707	-298,601	-268,934	-274,845	-201,714	-193,772	-0.2	-0.3
Independent Power Producers and Combined Heat and Power	**32,830,923**	**54,233,434**	**59,300,989**	**59,657,628**	**62,862,545**	**63,881,097**	**61,997,911**	**65,868,878**	**56.5**	**100.3**
Coal	4,772,199	8,521,639	10,248,567	9,648,690	10,159,339	8,988,877	5,087,476	6,417,891	8.2	9.8
Petroleum	790,179	1,326,027	818,365	170,914	443,931	311,374	275,541	227,999	1.4	0.3
Natural Gas	14,898,599	15,925,719	15,333,814	15,639,102	18,734,869	20,736,770	20,624,990	24,902,230	25.6	37.9
Other Gases[2]	584,734	38,779	64,932	110,265	160,549	158,826	169,730	106,408	1.0	0.2
Nuclear	10,406,862	27,081,566	31,391,685	32,567,885	32,010,376	32,194,798	34,327,954	32,771,305	17.9	49.9
Hydroelectric	14,036	37,503	31,113	35,436	20,909	25,773	32,081	18,119	*	*
Other Renewables[1]	1,364,314	805,832	874,905	916,783	843,578	905,290	959,831	849,672	2.3	1.3
Other[3]	-	496,369	537,609	568,551	488,994	559,390	520,308	575,255	-	0.9
Total Electric Industry	**58,085,215**	**55,882,342**	**60,549,583**	**60,700,139**	**62,671,245**	**63,674,789**	**61,811,239**	**65,682,494**	**100.0**	**100.0**
Coal	10,090,115	10,322,484	11,625,419	10,861,925	10,210,670	9,028,491	5,099,868	6,417,891	17.4	9.8
Petroleum	1,085,276	1,424,853	940,463	269,519	452,771	325,312	278,191	235,004	1.9	0.4
Natural Gas	16,509,249	15,962,195	15,366,165	15,668,374	18,752,332	20,751,755	20,624,990	24,902,230	28.4	37.9
Other Gases[2]	584,734	38,779	64,932	110,265	160,549	158,826	169,730	106,408	1.0	0.2
Nuclear	28,578,119	27,081,566	31,391,685	32,567,885	32,010,376	32,194,798	34,327,954	32,771,305	49.2	49.9
Hydroelectric	14,036	37,503	31,113	35,436	20,909	25,773	32,081	18,119	*	*
Other Renewables[1]	1,364,314	805,832	874,905	916,783	843,578	905,290	959,831	850,054	2.3	1.3
Pumped Storage	-140,628	-287,239	-282,707	-298,601	-268,934	-274,845	-201,714	-193,772	-0.2	-0.3
Other[3]	-	496,369	537,609	568,551	488,994	559,390	520,308	575,255	-	0.9

[1] Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
[2] Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[3] Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Note: Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 2000 and 2004 Through 2010

Fuel, Quality	2000	2004	2005	2006	2007	2008	2009	2010
New Jersey								
Coal (cents per million Btu)	139	205	218	273	289	333	401	416
Average heat value (Btu per pound)	13,153	12,868	12,644	12,770	11,890	12,073	11,491	11,758
Average sulfur Content (percent)	1.13	1.58	1.14	1.17	0.88	1.03	0.90	1.05
Petroleum (cents per million Btu)[1]	484	602	985	970	1,147	1,547	1,011	1,495
Average heat value (Btu per gallon)	149,557	135,095	134,802	141,505	136,271	138,217	136,595	139,952
Average sulfur Content (percent)	0.50	0.14	0.08	0.19	0.18	0.21	0.19	0.27
Natural Gas (cents per million Btu)	430	696	963	789	789	1,041	515	552
Average heat value (Btu per cubic foot)	1,027	1,031	1,024	1,024	1,034	1,032	1,029	1,026

[1] Petroleum includes petroleum liquids and petroleum coke.
Btu = British thermal unit.
Note: Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. There may be a notable increase in fuel receipts beginning with 2008. For more information, please see the Technical Notes in the Electric Power Annual.
Sources: U.S. Energy Information Administration, Form EIA-423, " Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 2000 and 2004 Through 2010
(Thousand Metric Tons)

Emission Type	2000	2004	2005	2006	2007	2008	2009	2010
New Jersey								
Sulfur Dioxide								
Coal	73	47	63	55	45	35	11	14
Petroleum	5	2	2	1	1	*	*	*
Natural Gas	*	*	*	*	*	*	*	*
Other Gases	*	*	*	*	*	*	*	*
Other Renewables[1]	*	*	*	*	*	*	*	*
Other[2]	3	*	*	*	*	*	*	*
Total	82	49	65	56	46	35	12	14
Nitrogen Oxide								
Coal	27	20	22	16	12	9	5	6
Petroleum	1	2	2	1	1	*	*	*
Natural Gas	8	7	6	6	5	5	4	5
Other Gases	1	*	*	*	*	*	*	*
Other Renewables[1]	1	1	1	2	1	1	2	1
Other[2]	5	3	3	3	3	3	3	3
Total	44	34	35	28	21	20	14	15
Carbon Dioxide								
Coal	10,668	10,483	11,669	10,814	10,493	9,197	5,613	6,782
Petroleum	1,099	1,296	1,007	414	413	295	251	224
Natural Gas	9,367	8,934	7,920	8,080	9,141	9,856	9,484	11,437
Other Gases	-	71	*	-	-	-	*	*
Other Renewables[1]	-	-	-	-	-	-	-	402
Other[2]	861	704	696	729	725	749	738	316
Total	21,996	21,488	21,292	20,036	20,771	20,097	16,086	19,160

[1] Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, and other biomass.
[2] Other includes non-biogenic municipal solid waste, tire-derived fuels, and miscellaneous technologies.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Note: CO2 emissions for the historical years 1998 - 2008 have been revised due to changes in emission factors.
Sources: Calculations made by the Electric Power Systems and Reliability Team; Office of Electricity, Renewables, and Uranium Statistics; U. S. Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 2000 and 2004 Through 2010

Sector	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
New Jersey										
Retail Sales (thousand megawatthours)										
Residential	24,547	28,020	29,973	28,622	29,752	29,111	27,833	30,307	35.1	38.3
Commercial	33,112	38,074	39,762	39,437	40,876	40,570	39,377	40,123	47.3	50.7
Industrial	11,812	11,210	11,862	11,331	11,013	10,537	8,250	8,429	16.9	10.6
Other	506	NA	NA	NA	NA	NA	NA	NA	0.7	--
Transportation	NA	290	299	291	293	302	320	321	--	0.4
All Sectors	69,977	77,593	81,897	79,681	81,934	80,520	75,780	79,179	100.0	100.0
Retail Revenue (million dollars)										
Residential	2,522	3,148	3,518	3,676	4,207	4,560	4,541	5,022	38.1	43.2
Commercial	3,027	3,793	4,218	4,583	5,310	5,876	5,447	5,572	45.7	47.9
Industrial	1,013	1,012	1,158	1,180	1,110	1,145	975	995	15.3	8.6
Other	61	NA	NA	NA	NA	NA	NA	NA	0.9	--
Transportation	NA	32	23	28	33	48	40	38	--	0.3
All Sectors	6,624	7,984	8,917	9,467	10,660	11,629	11,001	11,627	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	10.27	11.23	11.74	12.84	14.14	15.66	16.31	16.57	--	--
Commercial	9.14	9.96	10.61	11.62	12.99	14.48	13.83	13.89	--	--
Industrial	8.58	9.03	9.76	10.42	10.08	10.86	11.81	11.81	--	--
Other	12.11	NA	NA	NA	NA	NA	NA	NA	--	--
Transportation	NA	10.94	7.65	9.70	11.14	15.98	12.37	11.91	--	--
All Sectors	9.47	10.29	10.89	11.88	13.01	14.44	14.52	14.68	--	--

kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2010

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
New Jersey								
Number of Entities	4	9	NA	1	3	24	4	45
Number of Retail Customers	3,786,457	63,039	NA	11,674	3	85,320	NA	3,946,493
Retail Sales (thousand megawatthours)	48,953	1,204	NA	155	170	28,697	NA	79,179
Percentage of Retail Sales	61.83	1.52	--	0.20	0.21	36.24	--	100.00
Revenue from Retail Sales (million dollars)	7,660	191	NA	18	13	2,601	1,144	11,627
Percentage of Revenue	65.88	1.64	--	0.16	0.11	22.37	9.84	100.00
Average Retail Price (cents/kWh)	15.65	15.89	NA	11.63	7.39	9.06	3.99	14.68

kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. Federal entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Non-utility" sales represent direct electricity transactions from independent generators to end use consumers. Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 2000 and 2004 Through 2010
(Million Kilowatthours)

Category	2000	2004	2005	2006	2007	2008	2009	2010
New Jersey								
Supply								
Generation								
Electric Utilities	25,254	1,649	1,249	1,043	-191	-206	-187	-186
Independent Power Producers	15,677	42,169	46,809	48,723	51,439	52,292	52,182	56,686
Combined Heat and Power, Electric	14,104	10,705	11,365	9,999	10,653	10,740	8,717	8,041
Electric Power Sector Generation Subtotal	**55,035**	**54,523**	**59,422**	**59,765**	**61,901**	**62,825**	**60,712**	**64,540**
Combined Heat and Power, Commercial	161	106	70	115	81	88	385	402
Combined Heat and Power, Industrial	2,889	1,254	1,057	820	690	762	715	740
Industrial and Commercial Generation Subtotal	**3,050**	**1,359**	**1,128**	**935**	**771**	**849**	**1,100**	**1,142**
Total Net Generation	**58,085**	**55,882**	**60,550**	**60,700**	**62,671**	**63,675**	**61,811**	**65,682**
Total International Imports	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**134**
Total Supply	**58,085**	**55,882**	**60,550**	**60,700**	**62,671**	**63,675**	**61,811**	**65,817**
Disposition								
Retail Sales								
Full Service Providers	62,819	58,768	64,160	62,988	64,479	62,009	54,180	50,312
Energy-Only Providers	7,158	18,574	16,553	15,568	16,176	17,080	21,436	28,697
Facility Direct Retail Sales[1]	-	252	1,184	1,125	1,279	1,430	163	170
Total Electric Industry Retail Sales	**69,977**	**77,593**	**81,897**	**79,681**	**81,934**	**80,520**	**75,780**	**79,179**
Direct Use	**2,389**	**2,407**	**2,643**	**2,210**	**941**	**1,312**	**1,266**	**963**
Total International Exports	**-**	*****	**-**	**-**	**-**	**-**	**-**	**-**
Estimated Losses	**4,980**	**5,722**	**6,507**	**6,080**	**6,637**	**5,368**	**4,364**	**7,097**
Net Interstate Trade[2]	**-19,262**	**-29,840[R]**	**-30,497**	**-27,271**	**-26,841**	**-23,525**	**-19,598**	**-21,423**
Total Disposition	**58,085**	**55,882**	**60,550**	**60,700**	**62,671**	**63,675**	**61,811**	**65,817**
Net Trade Index (ratio)[3]	**0.75**	**0.65**	**0.67**	**0.69**	**0.70**	**0.73**	**0.76**	**0.75**

[1] Facility Direct Retail Sales are electricity sales from non utility power producers which reported electricity sales to a retail customer.
[2] Net Interstate Trade = Total Supply - (Total Electric Industry Retail Sales + Direct Use + Total International Exports (if applies) + Estimated Losses).
[3] Net Trade Index is the sum of Total Supply / (Total Disposition - Net Interstate Trade).
R = Revised.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility`s retail sales by State. Reported losses may include electricity unaccounted for by the utility. Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use. Beginning with publication year 2010, Total disposition has been reorganized to include Net Interstate Trade. Therefore, Total Disposition equals Total Supply.
Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms. U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." DOE, Office of Electricity Delivery and Energy Reliability, Form OE-781R, "Annual Report of International Electric Export/Import Data," predecessor forms, and National Energy Board of Canada.