

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Delaware		
NERC Region(s).....		RFC
Primary Energy Source.....		Coal
Net Summer Capacity (megawatts)	3,374	44
Electric Utilities.....	58	47
Independent Power Producers & Combined Heat and Power.....	3,316	26
Net Generation (megawatthours).....	7,182,179	46
Electric Utilities.....	16,558	47
Independent Power Producers & Combined Heat and Power.....	7,165,621	34
Emissions (thousand metric tons)		
Sulfur Dioxide	30	36
Nitrogen Oxide.....	11	44
Carbon Dioxide.....	5,885	44
Sulfur Dioxide (lbs/MWh)	9.2	6
Nitrogen Oxide (lbs/MWh)	3.5	13
Carbon Dioxide (lbs/MWh).....	1,806	13
Total Retail Sales (megawatthours).....	11,554,672	43
Full Service Provider Sales (megawatthours)	9,043,983	46
Deregulated Sales (megawatthours)	2,510,689	13
Direct Use (megawatthours)	493,536	34
Average Retail Price (cents/kWh).....	10.13	15

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Delaware			
1. Hay Road	Gas	Conectiv Delmarva Gen Inc	1,090
2. Indian River Generating Station	Coal	Indian River Operations Inc	797
3. Edge Moor	Coal	Conectiv Delmarva Gen Inc	718
4. Delaware City Plant.....	Other Gases	The Premcor Refining Group Inc	307
5. McKee Run.....	Gas	North American Energy Services	136
6. NRG Energy Center Dover	Coal	NRG Energy Center Dover LLC	120
7. Warren F Sam Beasley Generation Station	Gas	Delaware Municipal Electric Corp	49
8. Christiana.....	Petroleum	Conectiv Delmarva Gen Inc	44
9. Van Sant Station	Gas	North American Energy Services	39
10. Seaford Delaware Plant	Coal	Invista	27

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Delaware						
1. Delmarva Power & Light Company.....	Investor-Owned	6,200,130	2,840,657	2,424,999	934,474	-
2. Delaware Electric Cooperative.....	Cooperative	1,081,355	893,495	187,860	-	-
3. PEPCO Energy Services.....	Other Provider	762,284	-	762,284	-	-
4. Dover City of.....	Public	724,991	185,422	246,440	293,129	-
5. Newark City of.....	Public	389,164	91,267	71,952	225,945	-
Total Sales, Top Five Providers.....		9,157,924	4,010,841	3,693,535	1,453,548	-
Percent of Total State Sales.....		79	94	88	47	-

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Delaware										
Electric Utilities.....	1,965	2,239	184	58	58	58	194^R	58	91.7	1.7
Coal.....	919	910	-	-	-	-	-	-	42.9	-
Petroleum.....	858 ^R	818 ^R	184	9	9	9	145 ^R	9	40.1	0.3
Natural Gas.....	187 ^R	511 ^R	-	49	49	49	49	49	8.7	1.5
Independent Power Producers and Combined Heat and Power.....	177	177	2,517	3,332	3,335	3,371	3,171^R	3,316	8.3	98.3
Coal.....	37	37	1,034	1,050	1,052	1,070	1,083	1,083	1.7	32.1
Petroleum.....	134	134	968	736	736	686	550 ^R	686	6.3	20.3
Natural Gas.....	4	4	515	1,244	1,244	1,308	1,231	1,233	0.2	36.6
Other Gases.....	1	1	-	303	303	307	307	307	0.1	9.1
Other Renewables.....	-	-	-	-	-	-	-	7	-	0.2
Total Electric Industry.....	2,141	2,416	2,701	3,390	3,392	3,428	3,365	3,374	100.0	100.0
Coal.....	956	947	1,034	1,050	1,052	1,070	1,083	1,083	44.6	32.1
Petroleum.....	992 ^R	952 ^R	1,152	745	745	695	695	695	46.3	20.6
Natural Gas.....	192 ^R	515 ^R	515	1,293	1,293	1,357	1,280	1,282	9.0	38.0
Other Gases.....	1	1	-	303	303	307	307	307	0.1	9.1
Other Renewables.....	-	-	-	-	-	-	-	7	-	0.2

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Delaware										
Electric Utilities.....	7,099,663	8,324,101	1,872,053	170,994	31,107	23,751	25,989	16,558	90.5	0.2
Coal.....	4,904,473	4,226,615	1,626,254	-	-	-	-	-	62.5	-
Petroleum.....	1,436,186	917,065	209,088	154,118	9,863	10,083	6,442	113	18.3	*
Natural Gas.....	759,004	3,180,421	36,711	16,876	21,244	13,668	19,547	16,445	9.7	0.2
Independent Power Producers and Combined Heat and Power.....	741,837	708,736	4,935,631	5,831,495	7,361,180	7,831,802	8,110,579	7,165,621	9.5	99.8
Coal.....	209,006	212,359	1,742,253	3,463,565	4,026,496	4,750,119	4,832,948	4,968,772	2.7	69.2
Petroleum.....	357,620	368,130	1,497,541	795,577	1,707,001	1,081,258	1,209,981	131,963	4.6	1.8
Natural Gas.....	4,015	5,138	1,538,775	1,426,007	1,442,536	1,701,094	1,571,214	1,151,007	0.1	16.0
Other Gases.....	164,881	113,827	157,062	146,346	185,147	299,329	496,436	913,462	2.1	12.7
Other Renewables.....	-	-	-	-	-	-	-	417	-	*
Other.....	6,315	9,282	-	-	-	-	-	-	0.1	-
Total Electric Industry.....	7,841,500	9,032,837	6,807,684	6,002,489	7,392,287	7,855,553	8,136,568	7,182,179	100.0	100.0
Coal.....	5,113,479	4,438,974	3,368,507	3,463,565	4,026,496	4,750,119	4,832,948	4,968,772	65.2	69.2
Petroleum.....	1,793,806	1,285,195	1,706,629	949,695	1,716,864	1,091,341	1,216,423	132,076	22.9	1.8
Natural Gas.....	763,019	3,185,559	1,575,486	1,442,883	1,463,780	1,714,762	1,590,761	1,167,452	9.7	16.3
Other Gases.....	164,881	113,827	157,062	146,346	185,147	299,329	496,436	913,462	2.1	12.7
Other Renewables.....	-	-	-	-	-	-	-	417	-	*
Other.....	6,315	9,282	-	-	-	-	-	-	0.1	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Delaware								
Coal (cents per million Btu)	181	162	217	W	W	W	W	W
Average heat value (Btu per pound)	13,035	13,085	11,495	12,858	12,803	12,530	12,222	12,401
Average sulfur Content (percent)	0.97	1.00	0.67	0.91	0.90	0.83	0.67	0.74
Petroleum (cents per million Btu)	278	261	380	406	576	611	863	1,351
Average heat value (Btu per gallon)	151,269	152,012	148,095	148,964	147,895	146,312	147,248	139,117
Average sulfur Content (percent)	1.22	0.79	0.79	0.69	0.52	0.39	0.46	0.06
Natural Gas (cents per million Btu)	258	227	427	W	W	W	W	W
Average heat value (Btu per cubic foot)	1,054	1,032	1,030	1,036	1,043	1,036	1,037	1,037

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Delaware								
Sulfur Dioxide								
Coal.....	38	37	30	28	32	33	29	28
Petroleum.....	41	35	6	4	4	2	2	2
Natural Gas.....	*	*	*	*	-	-	*	*
Other.....	*	*	*	*	*	*	*	*
Total.....	80	73	36	31	36	35	31	30
Nitrogen Oxide								
Coal.....	22	16	7	7	8	8	9	8
Petroleum.....	5	3	4	3	5	2	2	1
Natural Gas.....	1	3	1	1	*	1	1	*
Other.....	-	-	1	1	*	2	2	2
Total.....	27	21	13	11	13	13	14	11
Carbon Dioxide								
Coal.....	5,367	4,722	3,266	3,651	4,148	4,935	5,233	5,222
Petroleum.....	2,808	1,819	1,928	1,280	2,198	781	857	137
Natural Gas.....	617	1,473	829	1,079	647	810	716	527
Total.....	8,792	8,014	6,022	6,010	6,993	6,525	6,805	5,885

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Delaware										
Retail Sales (thousand megawatthours)										
Residential.....	2,651	3,168	3,734	4,020	4,190	4,305	4,594	4,259	32.0	36.9
Commercial.....	2,311	2,842	3,605	3,787	3,886	4,033	4,238	4,196	27.9	36.3
Industrial.....	3,272	3,511	3,978	4,151	4,523	3,423	3,305	3,100	39.5	26.8
Other.....	50	58	62	60	NA	NA	NA	NA	0.6	NA
All Sectors.....	8,284	9,580	11,379	12,019	12,600	11,761	12,137	11,555	100.0	100.0
Retail Revenue (million dollars).....										
Residential.....	223	288	321	350	360	378	414	505	41.6	43.1
Commercial.....	160	201	252	271	284	300	322	429	29.8	36.6
Industrial.....	148	166	191	201	233	207	205	238	27.6	20.3
Other.....	5	7	9	8	NA	NA	NA	NA	1.0	NA
All Sectors.....	535	662	774	830	877	885	941	1,171	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	8.39	9.09	8.61	8.70	8.59	8.78	9.01	11.85	NA	NA
Commercial.....	6.91	7.08	7.00	7.15	7.31	7.44	7.60	10.21	NA	NA
Industrial.....	4.51	4.72	4.81	4.85	5.15	6.06	6.21	7.67	NA	NA
Other.....	10.33	11.95	14.17	14.13	NA	NA	NA	NA	NA	NA
All Sectors.....	6.46	6.91	6.80	6.91	6.96	7.53	7.76	10.13	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	1	9	NA	1	NA	8	1	20
Number of Retail Customers	290,767	60,476	NA	75,466	NA	2,641	NA	429,350
Retail Sales (thousand megawatthours)	6,200	1,762	NA	1,081	NA	2,511	NA	11,555
Percentage of Retail Sales	53.66	15.25	NA	9.36	NA	21.73	NA	100.00
Revenue from Retail Sales (million dollars)	642	202	NA	107	NA	200	19	1,171
Percentage of Revenue	54.83	17.29	NA	9.15	NA	17.09	1.64	100.00
Average Retail Price (cents/kWh)	10.35	11.48	NA	9.91	NA	7.97	0.77	10.13

Table 9 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. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Delaware								
Supply								
Generation								
Electric Utilities	7,100	8,324	1,872	171	31	24	26	17
Independent Power Producers	-	-	4,429	5,271	6,653	6,866	7,078	6,025
Combined Heat and Power, Electric	-	-	-	-	109	128	129	102
Electric Power Sector Generation Subtotal	7,100	8,324	6,301	5,442	6,793	7,018	7,233	6,143
Combined Heat and Power, Industrial	742	709	507	560	599	838	903	1,039
Industrial and Commercial Generation Subtotal	742	709	507	560	599	838	903	1,039
Total Net Generation	7,842	9,033	6,808	6,002	7,392	7,856	8,137	7,182
Total Supply	7,842	9,033	6,808	6,002	7,392	7,856	8,137	7,182
Disposition								
Retail Sales								
Full Service Providers	8,284	9,580	10,460	10,864	10,488	10,751	11,187	9,044
Energy-Only Providers	-	-	919	1,155	2,111	1,010	950	2,511
Total Electric Industry Retail Sales	8,284	9,580	11,379	12,019	12,600	11,761	12,137	11,555
Direct Use	702	668	545	556	563	564	736	494
Estimated Losses	621	727	373	672	1,842	1,067	1,222	986
Total Disposition	9,607	10,975	12,297	13,247	15,005	13,392	14,095	13,034
Net Interstate Trade	-1,765	-1,942	-5,489	-7,245	-7,612	-5,536	-5,958	-5,852
Net Trade Index (ratio)	0.82	0.82	0.55	0.45	0.49	0.59	0.58	0.55

R = Revised.

NA = Not applicable; NM = Not meaningful.

W = Withheld to avoid disclosure of individual company data.

- = Data not available.

* = 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 *.)

Totals may not equal sum of components because of independent rounding.

Table 10 Notes: 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. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.

General Notes: Table 4 "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. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include biogenic municipal solid waste, and other renewable waste.

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.