

Table 1. 2004 Summary Statistics

Item	Value	U.S. Rank
Delaware		
NERC Region(s).....		MAAC
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	3,428	44
Electric Utilities	58	48
Independent Power Producers & Combined Heat and Power	3,370	27
Net Generation (megawatthours).....	7,855,553	46
Electric Utilities	23,751	48
Independent Power Producers & Combined Heat and Power	7,831,802	29
Emissions (thousand metric tons)		
Sulfur Dioxide	35	37
Nitrogen Oxide	13	42
Carbon Dioxide	6,531	45
Sulfur Dioxide (lbs/MWh).....	9.7	8
Nitrogen Oxide (lbs/MWh).....	3.7	12
Carbon Dioxide (lbs/MWh).....	1,833	11
Total Retail Sales (megawatthours).....	11,761,153	43
Full Service Provider Sales (megawatthours).....	10,751,187	42
Deregulated Sales (megawatthours).....	1,009,966	13
Direct Use (megawatthours).....	564,017	34
Average Retail Price (cents/kWh).....	7.53	16

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2004

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
Delaware			
1. Hay Road.....	Other,Gas	Conectiv Delmarva Gen Inc	1,085
2. Indian River Operations.....	Petroleum,Coal	Indian River Operations Inc	784
3. Edge Moor.....	Gas,Petroleum,Coal	Conectiv Delmarva Gen Inc	718
4. Delaware City Plant.....	Gas,Petroleum	Premcor	386
5. McKee Run	Gas,Petroleum	DE Operating Services, LLC	136
6. NRG Energy Center Dover.....	Petroleum,Gas,Coal	NRG Energy Center Dover LLC	120
7. Warren F Sam Beasley Generation Station	Petroleum,Gas	Delaware Municipal Electric Corp	49
8. Christiana.....	Petroleum	Conectiv Delmarva Gen Inc	44
9. Van Sant Station	Petroleum,Gas	DE Operating Services, LLC	39
10. Seaford Delaware Plant.....	Gas,Petroleum,Coal	Invista	27

See footnotes at end of tables.

Table 3. Top Five Providers of Retail Electricity, 2004
(Megawatthours)

Entity	Ownership Type	All Sectors	Residential	Commercial	Industrial	Transportation
Delaware						
1. Delmarva Power & Light Company	Investor-Owned	8,001,293	2,968,451	3,379,982	1,652,860	0
2. Delaware Electric Coop Inc	Cooperative	1,004,488	831,467	161,289	11,732	0
3. Dover City of	Public	738,673	187,234	238,978	312,461	0
4. Newark City of	Public	389,429	94,943	70,388	224,098	0
5. Select Energy	Power Marketer	321,784	0	3,218	318,566	0
Total Sales, Top Five Providers		10,455,667	4,082,095	3,853,855	2,519,717	0
Percent of Total State Sales		89	95	96	74	0

See footnotes at end of tables.

Table 4. Electric Power Industry Net Summer Capability by Primary Energy Source, 1990, 1995, and 2000 Through 2004
(Megawatts)

Energy Source	1990	1995	2000	2001	2002	2003	2004	Percentage Share	
								1990	2004
Delaware									
Electric Utilities	1,965	2,239	985	184	58	58	58	91.8	1.7
Coal	919	910	767	0	0	0	0	42.9	.0
Petroleum	227	124	43	9	9	9	9	10.6	.3
Natural Gas	187	399	0	0	0	0	0	8.7	.0
Dual Fired	631	806	175	175	49	49	49	29.5	1.4
Independent Power Producers and Combined									
Heat and Power	177	177	1,430	2,517	3,332	3,334	3,370	8.3	98.3
Coal	37	37	260	1,034	1,050	1,052	1,070	1.7	31.2
Petroleum	134	134	530	968	561	561	105	6.3	3.1
Natural Gas	0	0	89	515	183	183	79	.0	2.3
Other Gases	1	1	283	0	303	303	307	*	9.0
Dual Fired	4	4	267	0	1,235	1,235	1,809	.2	52.8
Total Electric Industry	2,141	2,416	2,414	2,700	3,390	3,392	3,428	100.0	100.0
Coal	956	947	1,027	1,034	1,050	1,052	1,070	44.7	31.2
Petroleum	361	258	573	977	570	570	114	16.9	3.3
Natural Gas	187	399	89	515	184	184	79	8.7	2.3
Other Gases	1	1	283	0	303	303	307	*	9.0
Dual Fired	635	810	442	175	1,284	1,284	1,858	29.7	54.2

See footnotes at end of tables.

Table 5. Electric Power Industry Generation by Primary Energy Source, 1990, 1995, and 2000 Through 2004
(Megawatthours)

Energy Source	1990	1995	2000	2001	2002	2003	2004	Percentage Share	
								1990	2004
Delaware									
Electric Utilities	7,099,663	8,324,101	4,137,127	1,872,053	170,994	31,107	23,751	90.5	0.3
Coal.....	4,904,473	4,226,615	3,319,195	1,626,254	0	0	0	62.5	.0
Petroleum.....	1,436,186	917,065	398,100	209,088	154,118	9,863	10,083	18.3	.1
Natural Gas.....	759,004	3,180,421	419,832	36,711	16,876	21,244	13,668	9.7	.2
Independent Power Producers and Combined									
Heat and Power	741,837	708,736	1,850,324	4,935,631	5,831,495	7,361,180	7,831,802	9.5	99.7
Coal.....	209,006	212,359	793,101	1,742,253	3,463,565	4,026,496	4,750,119	2.7	60.5
Petroleum.....	357,620	368,130	450,940	1,497,541	795,577	1,707,001	1,081,258	4.6	13.8
Natural Gas.....	4,015	5,138	420,676	1,538,775	1,426,007	1,442,536	1,701,094	.1	21.7
Other Gases.....	164,881	113,827	166,769	157,062	146,346	185,147	299,329	2.1	3.8
Other Renewables.....	0	0	18,838	0	0	0	0	.0	.0
Other.....	6,315	9,282	0	0	0	0	0	.1	.0
Total Electric Industry	7,841,500	9,032,837	5,987,451	6,807,684	6,002,489	7,392,287	7,855,553	100.0	100.0
Coal.....	5,113,479	4,438,974	4,112,296	3,368,507	3,463,565	4,026,496	4,750,119	65.2	60.5
Petroleum.....	1,793,806	1,285,195	849,040	1,706,629	949,695	1,716,864	1,091,341	22.9	13.9
Natural Gas.....	763,019	3,185,559	840,508	1,575,486	1,442,883	1,463,780	1,714,762	9.7	21.8
Other Gases.....	164,881	113,827	166,769	157,062	146,346	185,147	299,329	2.1	3.8
Other Renewables.....	0	0	18,838	0	0	0	0	.0	.0
Other.....	6,315	9,282	0	0	0	0	0	.1	.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2000 Through 2004

Fuel, Quality	1990	1995	2000	2001	2002	2003	2004
Delaware							
Coal (cents per million Btu).....	181.5	161.5	152.1	216.9	W	W	W
Average heat value (Btu per pound).....	13,035	13,085	12,995	11,496	12,352	12,803	12,530
Average sulfur Content (percent).....	1.0	1.0	1.0	.7	.9	.9	.8
Petroleum (cents per million Btu).....	278.2	260.9	445.9	380.5	405.6	576.2	610.6
Average heat value (Btu per gallon).....	151,270	152,013	150,486	148,143	146,095	147,895	146,312
Average sulfur Content (percent).....	1.2	.8	.5	.8	.7	.5	.4
Natural Gas (cents per million Btu).....	257.7	227.2	488.5	427.2	W	W	W
Average heat value (Btu per cubic foot).....	1,054	1,032	1,008	1,037	1,023	1,043	1,036

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2000 Through 2004
(Thousand Metric Tons)

Emission Type	1990	1995	2000	2001	2002	2003	2004
Delaware							
Sulfur Dioxide							
Coal	38	37	35	29	28	32	33
Petroleum.....	41	35	4	6	4	4	2
Natural Gas	0	*	*	*	*	0	0
Other.....	*	*	0	0	0	*	*
Total.....	80	73	39	35	32	36	35
Nitrogen Oxide							
Coal	22	16	9	8	7	8	9
Petroleum.....	5	3	3	4	3	4	2
Gas.....	1	3	*	1	1	1	1
Other.....	0	0	0	0	0	*	1
Total.....	27	21	13	13	11	13	13
Carbon Dioxide							
Coal	5,227	4,759	4,368	3,288	3,655	4,153	4,941
Petroleum.....	2,236	1,836	1,226	1,924	1,278	2,196	781
Gas.....	438	1,487	448	828	1,078	646	809
Geothermal.....	0	0	0	0	0	0	0
Other.....	0	0	0	0	0	0	0
Total.....	7,902	8,082	6,042	6,040	6,012	6,996	6,531

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Price by Sector, 1990, 1995, and 2000 Through 2004

Sector	1990	1995	2000	2001	2002	2003	2004	Percentage Share	
								1990	2004
Delaware									
Retail Sales (thousand megawatthours)									
Residential.....	2,651	3,168	3,575	3,734	4,020	4,190	4,305	32.0	36.6
Commercial	2,311	2,842	4,050	3,605	3,787	3,886	4,033	27.9	34.3
Industrial.....	3,272	3,511	3,601	3,978	4,151	4,523	3,423	39.5	29.1
Other	50	58	49	62	60	NA	NA	.6	NA
Total.....	8,284	9,580	11,274	11,379	12,019	12,600	11,761	100.0	100.0
Retail Revenue (million dollars)									
Residential.....	223	288	305	321	350	360	378	41.7	42.7
Commercial	160	201	239	252	271	284	300	29.9	33.9
Industrial.....	148	166	134	191	201	233	207	27.7	23.4
Other	5	7	7	9	8	NA	NA	.9	NA
Total.....	535	662	685	774	830	877	885	100.0	100.0
Average Retail Price (cents/kWh)									
Residential.....	8.39	9.08	8.54	8.61	8.70	8.59	8.78	NA	NA
Commercial	6.91	7.08	5.89	7.00	7.15	7.31	7.44	NA	NA
Industrial.....	4.51	4.72	3.73	4.81	4.85	5.15	6.06	NA	NA
Other	10.33	11.95	14.19	14.17	14.13	NA	NA	NA	NA
Total.....	6.46	6.91	6.08	6.80	6.91	6.96	7.53	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2004

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Delaware								
Number of Entities.....	1	9	NA	1	NA	4	1	16
Number of Retail Customers.....	285,011	56,249	NA	68,734	NA	9	NA	410,003
Retail Sales (thousand megawatthours).....	8,001	1,745	NA	1,004	NA	1,010	NA	11,761
Percentage of Retail Sales.....	68.03	14.84	NA	8.54	NA	8.59	NA	100.00
Revenue from Retail Sales (million dollars).....	587	147	NA	84	NA	65	2	885
Percentage of Revenue.....	66.36	16.56	NA	9.53	NA	7.34	.21	100.00
Average Retail Price (cents/kWh).....	7.34	8.40	NA	8.40	NA	6.43	.19	7.53

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 service. 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.

Other Notes: NA = Not applicable; NM = Not meaningful;

W = Withheld to avoid disclosure of individual company data;

* = 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 4 "Other Renewables" includes generation from municipal solid waste;

Table 7 "Other" includes emissions from municipal solid 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.