Table 1. 2003 Summary Statistics

Item	Value	U.S. Rank
Maryland		
NERC Region(s)		ECAR/MAAC
Primary Energy Source		Coal
Net Summer Capability (megawatts)	12,472	29
Electric Utilities	71	47
Independent Power Producers & Combined Heat and Power	12,402	8
Net Generation (megawatthours)	52,244,237	26
Electric Utilities	51,722	47
Independent Power Producers & Combined Heat and Power	52,192,515	7
Emissions (thousand metric tons)		
Sulfur Dioxide	264	14
Nitrogen Oxide	69	29
Carbon Dioxide	32,632	29
Sulfur Dioxide (lbs/MWh)	11.1	5
Nitrogen Oxide (lbs/MWh)	2.9	22
Carbon Dioxide (lbs/MWh)	1,377	25
Total Retail Sales (megawatthours)	71,258,583	21
Full Service Provider Sales (megawatthours)	59,692,937	24
Deregulated Sales (megawatthours)	11,565,646	6
Direct Use (megawatthours)	1,197,044	28
Average Retail Price (cents/kWh)	6.45	28

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2003

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
Maryland			
1. Chalk Point LLC	Gas, Petroleum, Coal	Mirant Chalk Point LLC	2,429
2. Calvert Cliffs Nuclear Power Plant	Nuclear	Calvert Cliffs Nuclear PP Inc	1,703
3. Morgantown Generating Plant	Petroleum, Coal	Mirant Mid-Atlantic LLC	1,492
4. Brandon Shores	Petroleum, Coal	Constellation Power Source Gen	1,286
5. Herbert A Wagner	Gas, Petroleum, Coal	Constellation Power Source Gen	1,014
6. Dickerson	Petroleum, Gas, Coal	Mirant Mid-Atlantic LLC	853
7. Rockspring Generating	Gas	Consolidated Edison Energy Inc	634
8. Conowingo	Hydro	Susquehanna Electric Co	548
9. C P Crane	Gas, Petroleum, Coal	Constellation Power Source Gen	399
10. Perryman	Petroleum	Constellation Power Source Gen	360

See footnotes at end of tables.

Table 3. Top Five Providers of Retail Electricity, 2003
(Megawatthours)

Entity	Ownership Type	All Sectors	Residential	Commercial	Industrial	Transportation
Maryland						
1. Baltimore Gas & Electric Co	Investor-Owned	31,114,062	12,770,131	3,409,815	14,850,717	83,399
2. Potomac Electric Power Co	Investor-Owned	10,468,174	5,080,577	5,387,491	106	0
3. Potomac Edison Co	Investor-Owned	9,415,103	3,010,474	1,842,410	4,562,219	0
4. Washington Gas Energy Services	Power Marketer	4,330,477	778,387	3,090,615	272,834	188,641
5. Delmarva Power & Light Company	Investor-Owned	4,068,810	2,145,153	1,485,852	437,805	0
Total Sales, Top Five Providers		59,396,626	23,784,722	15,216,183	20,123,681	272,040
Percent of Total State Sales		83	89	90	74	59

See footnotes at end of tables.

Table 4. Electric Power Industry Net Summer Capability by Primary Energy Source, 1994, 1998, and 2003
(Megawatts)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Maryland							
Electric Utilities	**10,837**	**10,971**	**71**	**–42.8**	**97.3**	**94.7**	**0.6**
Coal	4,631	4,647	0	NM	41.6	40.1	.0
Petroleum	1,417	1,289	50	–31.0	12.7	11.1	.4
Natural Gas	1,207	1,456	0	NM	10.8	12.6	.0
Dual Fired	1,377	1,374	21	–37.2	12.4	11.9	.2
Nuclear	1,675	1,675	0	NM	15.0	14.5	.0
Hydroelectric	530	530	0	NM	4.8	4.6	.0
Independent Power Producers and Combined Heat and Power	**299**	**610**	**12,402**	**51.3**	**2.7**	**5.3**	**99.4**
Coal	60	60	4,957	63.3	.5	.5	39.7
Petroleum	2	2	835	95.5	*	*	6.7
Natural Gas	0	248	972	NM	.0	2.1	7.8
Other Gases	0	0	152	NM	.0	.0	1.2
Dual Fired	172	172	3,090	37.8	1.5	1.5	24.8
Nuclear	0	0	1,703	NM	.0	.0	13.7
Hydroelectric	0	0	566	NM	.0	.0	4.5
Other Renewables	65	128	127	7.7	.6	1.1	1.0
Total Electric Industry	**11,136**	**11,582**	**12,472**	**1.3**	**100.0**	**100.0**	**100.0**
Coal	4,691	4,707	4,957	.6	42.1	40.6	39.7
Petroleum	1,419	1,291	885	–5.1	12.7	11.1	7.1
Natural Gas	1,207	1,704	972	–2.4	10.8	14.7	7.8
Other Gases	0	0	152	NM	.0	.0	1.2
Dual Fired	1,549	1,547	3,110	8.1	13.9	13.4	24.9
Nuclear	1,675	1,675	1,703	.2	15.0	14.5	13.7
Hydroelectric	530	530	566	.7	4.8	4.6	4.5
Other Renewables	65	128	127	7.7	.6	1.1	1.0

See footnotes at end of tables.

Table 5. Electric Power Industry Generation by Primary Energy Source, 1994, 1998, and 2003
(Megawatthours)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Maryland							
Electric Utilities	**43,765,565**	**48,513,503**	**51,722**	**–52.7**	**96.5**	**95.8**	**0.1**
Coal	25,394,481	29,077,013	0	NM	56.0	57.4	.0
Petroleum	4,133,533	3,311,978	51,722	–38.5	9.1	6.5	.1
Natural Gas	992,607	1,054,177	0	NM	2.2	2.1	.0
Nuclear	11,235,408	13,330,598	0	NM	24.8	26.3	.0
Hydroelectric	2,009,536	1,739,737	0	NM	4.4	3.4	.0
Independent Power Producers and Combined Heat and Power	**1,574,053**	**2,139,514**	**52,192,515**	**47.6**	**3.5**	**4.2**	**99.9**
Coal	230,277	217,714	29,939,086	71.7	.5	.4	57.3
Petroleum	141,693	142,372	3,520,461	42.9	.3	.3	6.7
Natural Gas	179,435	936,419	1,195,643	23.5	.4	1.8	2.3
Other Gases	501,762	82,316	325,355	–4.7	1.1	.2	.6
Nuclear	0	0	13,690,713	NM	.0	.0	26.2
Hydroelectric	0	0	2,646,984	NM	.0	.0	5.1
Other Renewables	520,886	760,693	874,274	5.9	1.1	1.5	1.7
Total Electric Industry	**45,339,618**	**50,653,017**	**52,244,237**	**1.6**	**100.0**	**100.0**	**100.0**
Coal	25,624,758	29,294,727	29,939,086	1.7	56.5	57.8	57.3
Petroleum	4,275,226	3,454,350	3,572,183	–2.0	9.4	6.8	6.8
Natural Gas	1,172,042	1,990,596	1,195,643	.2	2.6	3.9	2.3
Other Gases	501,762	82,316	325,355	–4.7	1.1	.2	.6
Nuclear	11,235,408	13,330,598	13,690,713	2.2	24.8	26.3	26.2
Hydroelectric	2,009,536	1,739,737	2,646,984	3.1	4.4	3.4	5.1
Other Renewables	520,886	760,693	874,274	5.9	1.1	1.5	1.7

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1994, 1998, and 2003

Fuel, Quality	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Maryland				
Coal (cents per million Btu)	155.3	145.7	163.0	0.5
Average heat value (Btu per pound)	12,824	12,914	12,708	–.1
Average sulfur Content (percent)	1.2	1.2	1.1	–.9
Petroleum (cents per million Btu)	244.5	211.5	533.5	9.1
Average heat value (Btu per gallon)	150,636	150,776	148,564	–.2
Average sulfur Content (percent)	1.4	1.0	.6	–8.6
Natural Gas (cents per million Btu)	246.6	263.2	536.9	9.0
Average heat value (Btu per cubic foot)	1,043	1,047	1,047	*

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1994, 1998, and 2003
(Thousand Metric Tons)

Emission Type	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
Maryland				
Sulfur Dioxide				
Coal	212	247	247	1.7
Petroleum	29	18	14	–7.9
Natural Gas	*	*	*	4.6
Other	2	2	3	.5
Total	243	268	264	.9
Nitrogen Oxide				
Coal	89	104	61	–4.0
Petroleum	6	7	4	–5.3
Gas	2	2	1	–12.9
Other	1	2	3	11.7
Total	99	115	69	–3.8
Carbon Dioxide				
Coal	24,087	27,193	28,399	1.8
Petroleum	3,971	3,165	2,964	–3.2
Gas	993	1,252	673	–4.2
Geothermal	—	—	—	NM
Other	86	151	595	24.1
Total	29,137	31,761	32,632	1.3

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Price by Sector, 1994, 1998, and 2003

Sector	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share 1994	Percentage Share 1998	Percentage Share 2003
Maryland							
Retail Sales (thousand megawatthours)							
Residential	21,666	22,407	26,671	2.3	39.6	38.7	37.4
Commercial	13,254	24,284	16,950	2.8	24.2	42.0	23.8
Industrial	19,037	10,344	27,176	4.0	34.8	17.9	38.1
Other	794	799	NA	NM	1.4	1.4	NA
Transportation	NA	NA	461	NM	NA	NA	.6
Total	54,752	57,834	71,259	3.0	100.0	100.0	100.0
Retail Revenue (million dollars)							
Residential	1,817	1,890	2,060	1.4	47.2	46.7	44.8
Commercial	953	1,656	1,178	2.4	24.8	40.9	25.6
Industrial	1,008	429	1,329	3.1	26.2	10.6	28.9
Other	68	70	NA	NM	1.8	1.7	NA
Transportation	NA	NA	27	NM	NA	NA	.6
Total	3,847	4,045	4,594	2.0	100.0	100.0	100.0
Average Retail Price (cents/kWh)							
Residential	8.39	8.44	7.73	–.9	NA	NA	NA
Commercial	7.19	6.82	6.95	–.4	NA	NA	NA
Industrial	5.30	4.14	4.89	–.9	NA	NA	NA
Other	8.58	8.82	NA	NM	NA	NA	NA
Transportation	NA	NA	5.78	NM	NA	NA	NA
Total	7.03	6.99	6.45	–.9	NA	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2003

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Maryland								
Number of Entities	4	5	NA	3	1	6	5	24
Number of Retail Customers	2,010,338	32,111	NA	174,291	1	78,564	NA	2,295,305
Retail Sales (thousand megawatthours)	55,066	754	NA	3,854	18	11,566	NA	71,259
Percentage of Retail Sales	77.28	1.06	NA	5.41	.03	16.23	NA	100.00
Revenue from Retail Sales (million dollars)	3,529	49	NA	274	1	526	214	4,594
Percentage of Revenue	76.83	1.08	NA	5.97	.02	11.44	4.66	100.00
Average Retail Price (cents/kWh)	6.41	6.56	NA	7.11	5.35	4.55	1.85	6.45

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.