

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Maryland		
NERC Region(s).....		ECAR/MACC
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	11,859	28
Electric Utilities	69	46
Independent Power Producers & Combined Heat and Power	11,790	7
Net Generation (megawatthours).....	48,279,088	26
Electric Utilities	30,734	47
Independent Power Producers & Combined Heat and Power	48,248,354	7
Emissions (thousand short tons)		
Sulfur Dioxide.....	256	14
Nitrogen Oxide.....	106	16
Carbon Dioxide.....	34,312	30
Sulfur Dioxide/sq. mile.....	26	2
Nitrogen Oxide/sq. mile.....	11	1
Carbon Dioxide/sq. mile.....	3,510	4
Utility and ESP Retail Electricity Sales (megawatthours).....	66,928,026	22
Utility Retail Electricity Sales (megawatthours)	59,271,452	24
ESP Retail Electricity Sales (megawatthours).....	7,656,574	8
Direct Use (megawatthours).....	-254,035	47
Average Retail Price (cents/kWh).....	6.21	31

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Maryland			
1. Chalk Point LLC	Petroleum, Gas, Coal	Mirant Chalk Point LLC	2,429
2. Calvert Cliffs Nuclea.....	Nuclear	Calvert Cliffs Nuclear PP Inc	1,685
3. Morgantown Generating.....	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. Conowingo.....	Hydro	Exelon Generation Co LLC	512
8. C P Crane.....	Gas, Petroleum, Coal	Constellation Power Source Gen	399
9. Perryman	Gas, Petroleum	Constellation Power Source Gen	360
10. Riverside.....	Other, Petroleum, Gas	Constellation Power Source Gen	251

See footnotes at end of tables.

Table 3. Top Five Utilities Ranked by Retail Sales, 2002
(Megawatthours)

Utility	All Sectors	Residential	Commercial	Industrial	Other
Maryland					
A. Baltimore Gas & Electric Co.....	31,729,169	12,104,368	7,975,833	11,234,480	414,488
B. Potomac Electric Power Company.....	10,146,633	5,137,748	4,930,780	9,736	68,369
C. The Potomac Edison Company	9,071,481	2,843,971	1,778,566	4,433,959	14,985
D. Washington Gas Engy Serv Inc.....	4,190,731	842,777	3,044,540	150,813	152,601
E. Delmarva Power & Light Company	3,965,821	2,023,610	1,507,913	421,952	12,346
Total	59,103,835	22,952,474	19,237,632	16,250,940	662,789
Percentage of Utility Sales.....	88	89	82	97	79

See footnotes at end of tables.

Table 4. Electric Power Industry Generating Capability by Primary Energy Source, 1993, 1997, and 2002
(Megawatts)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Maryland							
Coal	4,628	4,647	0	NM	42.1	39.7	0.0
Petroleum	1,408	1,285	48	-31.3	12.8	11.0	.4
Natural Gas	1,129	1,483	0	NM	10.3	12.7	.0
Dual Fired	1,455	1,481	21	-37.6	13.2	12.6	.2
Nuclear	1,660	1,675	0	NM	15.1	14.3	.0
Hydroelectric	428	530	0	NM	3.9	4.5	.0
Total Electric Utilities	10,709	11,101	69	-42.9	97.4	94.8	.6
Coal	60	60	4,897	63.0	.5	.5	41.3
Petroleum	2	2	835	96.0	.0	.0	7.0
Natural Gas	0	79	338	NM	.0	.7	2.9
Other Gases	0	0	152	NM	.0	.0	1.3
Dual Fired	162	343	3,170	39.1	1.5	2.9	26.7
Nuclear	0	0	1,685	NM	.0	.0	14.2
Hydroelectric	0	0	530	NM	.0	.0	4.5
Other Renewables	65	128	183	12.2	.6	1.1	1.5
Total IPP's & Combined Heat and Power	290	612	11,790	51.0	2.6	5.2	99.4
Coal	4,688	4,707	4,897	.5	42.6	40.2	41.3
Petroleum	1,410	1,287	883	-5.1	12.8	11.0	7.4
Natural Gas	1,129	1,561	338	-12.5	10.3	13.3	2.9
Other Gases	0	0	152	NM	.0	.0	1.3
Dual Fired	1,618	1,824	3,190	7.8	14.7	15.6	26.9
Nuclear	1,660	1,675	1,685	.2	15.1	14.3	14.2
Hydroelectric	428	530	530	2.4	3.9	4.5	4.5
Other Renewables	65	128	183	12.2	.6	1.1	1.5
Total Electric Industry	10,998	11,713	11,859	.8	100.0	100.0	100.0

See footnotes at end of tables.

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1993, 1997, and 2002
(Megawatthours)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Maryland							
Coal	24,890,670	27,394,342	0	NM	55.3	58.7	0.0
Petroleum	3,953,777	1,478,623	30,734	-41.7	8.8	3.2	.1
Natural Gas	684,750	878,598	0	NM	1.5	1.9	.0
Nuclear	12,300,816	13,212,967	0	NM	27.3	28.3	.0
Hydroelectric	1,658,271	1,588,375	0	NM	3.7	3.4	.0
Total Electric Utilities	43,488,284	44,552,905	30,734	-55.3	96.7	95.4	.1
Coal	236,309	226,583	28,712,053	70.5	.5	.5	59.5
Petroleum	211,013	86,387	2,251,698	30.1	.5	.2	4.7
Natural Gas	87,554	533,988	2,214,431	43.2	.2	1.1	4.6
Other Gases	475,788	564,035	504,513	.7	1.1	1.2	1.0
Nuclear	0	0	12,128,005	NM	.0	.0	25.1
Hydroelectric	0	0	1,660,989	NM	.0	.0	3.4
Other Renewables	478,940	743,497	776,665	5.5	1.1	1.6	1.6
Total IPP's & Combined Heat and Power	1,489,604	2,154,491	48,248,354	47.2	3.3	4.6	99.9
Coal	25,126,979	27,620,925	28,712,053	1.5	55.9	59.1	59.5
Petroleum	4,164,790	1,565,010	2,282,432	-6.5	9.3	3.4	4.7
Natural Gas	772,304	1,412,586	2,214,431	12.4	1.7	3.0	4.6
Other Gases	475,788	564,035	504,513	.7	1.1	1.2	1.0
Nuclear	12,300,816	13,212,967	12,128,005	-.2	27.3	28.3	25.1
Hydroelectric	1,658,271	1,588,375	1,660,989	.0	3.7	3.4	3.4
Other Renewables	478,940	743,497	776,665	5.5	1.1	1.6	1.6
Total Electric Industry	44,977,888	46,707,396	48,279,088	.8	100.0	100.0	100.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1993, 1997, and 2002

Fuel	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Maryland				
Coal (2002 cents per million Btu)	178.2	154.2	--	NA
Average heat value (Btu per pound)	12,752	12,913	--	NA
Average sulfur Content(percent)	1.3	1.1	--	NA
Petroleum (2002 cents per million Btu)	255.2	304.6	--	NA
Average heat value (Btu per gallon)	150,580	150,922	--	NA
Average sulfur Content(percent)	1.5	1.1	--	NA
Gas (2002 cents per million Btu)	322.0	293.2	--	NA
Average heat value (Btu per cubic foot)	1,041	1,041	--	NA

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1993, 1997, and 2002
(Thousand Short Tons)

Emission Type	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Maryland				
Sulfur Dioxide				
Coal	240	254	249	0.4
Petroleum	33	10	6	-16.6
Gas.....*	*	0	*	2.4
Other.....	1	1	1	-5.5
Total	274	265	256	-7
Nitrogen Oxide				
Coal	88	106	72	-2.2
Petroleum	6	3	3	-8.2
Gas.....	29	4	30	.6
Other.....	1	1	2	8.0
Total	123	114	106	-1.6
Carbon Dioxide				
Coal	25,086	27,754	29,981	2.0
Petroleum	4,316	1,656	2,143	-7.5
Gas.....	1,176	1,374	2,029	6.3
Other.....	63	145	158	10.7
Total	30,641	30,929	34,312	1.3

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Revenue per Kilowatthour by Sector, 1993, 1997, and 2001

Sector	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Maryland							
Retail Sales (thousand megawatthours)							
Residential.....	21,546	21,937	25,770	2.0	40.0	39.0	38.5
Commercial.....	11,317	23,419	23,578	8.5	21.0	41.6	35.2
Industrial	20,201	10,128	16,740	-2.1	37.5	18.0	25.0
Other	809	781	841	.4	1.5	1.4	1.3
Total	53,872	56,264	66,928	2.4	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	1,971	1,877	1,986	.1	47.2	46.5	47.8
Commercial.....	904	1,651	1,436	5.3	21.6	40.9	34.5
Industrial	1,225	438	650	-6.8	29.3	10.8	15.6
Other	75	71	86	1.5	1.8	1.8	2.1
Total	4,175	4,037	4,158	*	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	9.15	8.56	7.71	-1.9	NA	NA	NA
Commercial.....	7.99	7.05	6.09	-3.0	NA	NA	NA
Industrial	6.07	4.32	3.88	-4.8	NA	NA	NA
Other	9.22	9.04	10.18	1.1	NA	NA	NA
Total	7.75	7.17	6.21	-2.4	NA	NA	NA

See footnotes at end of tables.

Table 9. Utility Retail Sales Statistics, 2002

Item	Investor-Owned	Public	Federal	Cooperative	Energy Service Providers	Total
Maryland						
Number of Entities	2	7	0	3	7	19
Number of Retail Customers	1,385,839	646,169	0	169,779	69,984	2,271,771
Retail Sales (thousand megawatthours).....	40,801	14,854	0	3,616	7,657	66,928
Percentage of Retail Sales.....	60.96	22.19	.00	5.40	11.44	100.00
Revenue from Retail Sales (million 2002 dollars)	2,388	1,169	0	267	334	4,158
Percentage of Revenue.....	57.44	28.11	.00	6.43	8.03	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	5.85	7.87	.00	7.39	0	6.21

IPP = Independent Power Producer.

NA = Not available.

NM = Not meaningful.

* = 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 "**").