Table 1. 2007 Summary Statistics

Item	Value	U.S. Rank
Maryland		
NERC Region(s)		**RFC**
Primary Energy Source		**Coal**
Net Summer Capacity (megawatts)	**12,486**	**30**
Electric Utilities	80	47
Independent Power Producers & Combined Heat and Power	12,406	9
Net Generation (megawatthours)	**50,197,924**	**29**
Electric Utilities	23,712	47
Independent Power Producers & Combined Heat and Power	50,174,211	8
Emissions (thousand metric tons)		
Sulfur Dioxide	267	13
Nitrogen Oxide	55	30
Carbon Dioxide	31,165	31
Sulfur Dioxide (lbs/MWh)	11.7	2
Nitrogen Oxide (lbs/MWh)	2.4	22
Carbon Dioxide (lbs/MWh)	1,369	26
Total Retail Sales (megawatthours)	**65,390,660**	**24**
Full Service Provider Sales (megawatthours)	38,466,614	31
Deregulated Sales (megawatthours)	26,924,046	3
Direct Use (megawatthours)	**1,344,858**	**27**
Average Retail Price (cents/kWh)	**11.50**	**13**

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

Table 2. Ten Largest Plants by Generating Capacity, 2007

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Maryland			
1. Chalk Point LLC	Coal	Mirant Chalk Point LLC	2,417
2. Calvert Cliffs Nuclear Power Plant	Nuclear	Calvert Cliffs Nuclear PP Inc	1,735
3. Morgantown Generating Plant	Coal	Mirant Mid-Atlantic LLC	1,492
4. Brandon Shores	Coal	Constellation Power Source Gen	1,286
5. Herbert A Wagner	Coal	Constellation Power Source Gen	963
6. Dickerson	Coal	Mirant Mid-Atlantic LLC	853
7. NAEA Rock Springs LLC	Gas	CED Operating Co LLC	632
8. Conowingo	Hydroelectric	Exelon Power	572
9. C P Crane	Coal	Constellation Power Source Gen	399
10. Perryman	Petroleum	Constellation Power Source Gen	370

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

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2007
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
Maryland						
1. Baltimore Gas & Electric Co	Investor-Owned	17,675,485	13,024,401	4,364,326	286,758	-
2. Potomac Electric Power Co	Investor-Owned	7,941,173	5,741,362	2,199,811	-	-
3. PEPCO Energy Services	Other Provider	7,918,475	25,863	7,675,883	-	216,729
4. Constellation NewEnergy, Inc	Other Provider	5,066,454	-	3,932,047	940,235	194,172
5. The Potomac Edison Co	Investor-Owned	4,686,163	3,364,980	960,422	360,761	-
Total Sales, Top Five Providers		43,287,750	22,156,606	19,132,489	1,587,754	410,901
Percent of Total State Sales		66	79	62	27	78

- (dash) = Data not available.
Source: 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, 1997 and 2001 Through 2007
(Megawatts)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maryland										
Electric Utilities	**11,101**	**70**	**69**	**70**	**79**	**79**	**79**	**80**	**94.8**	**0.6**
Coal	4,647	-	-	-	-	-	-	-	39.7	-
Petroleum	2,631	70	69	70	79	79	79	80	22.5	0.6
Natural Gas	1,618	-	-	-	-	-	-	-	13.8	-
Nuclear	1,675	-	-	-	-	-	-	-	14.3	-
Hydroelectric	530	-	-	-	-	-	-	-	4.5	-
Independent Power Producers and Combined Heat and Power	**612**	**11,859**	**11,790**	**12,401**	**12,419**	**12,423**	**12,421**	**12,406**	**5.2**	**99.4**
Coal	60	4,586	4,897	4,957	4,958	4,958	4,958	4,958	0.5	39.7
Petroleum	2	3,243	2,853	2,752	3,343	3,343	3,061	2,885	*	23.1
Natural Gas	421	1,490	1,490	2,144	1,538	1,542	1,821	1,953	3.6	15.6
Other Gases[1]	-	153	152	152	152	152	152	152	-	1.2
Nuclear	-	1,675	1,685	1,703	1,735	1,735	1,735	1,735	-	13.9
Hydroelectric	-	530	530	566	566	566	566	590	-	4.7
Other Renewables[2]	128	183	183	127	127	127	127	133	1.1	1.1
Total Electric Industry	**11,713**	**11,930**	**11,859**	**12,472**	**12,499**	**12,503**	**12,500**	**12,486**	**100.0**	**100.0**
Coal	4,707	4,586	4,897	4,957	4,958	4,958	4,958	4,958	40.2	39.7
Petroleum	2,633	3,313	2,922	2,822	3,422	3,422	3,140	2,965	22.5	23.7
Natural Gas	2,039	1,490	1,490	2,144	1,538	1,542	1,821	1,953	17.4	15.6
Other Gases[1]	-	153	152	152	152	152	152	152	-	1.2
Nuclear	1,675	1,675	1,685	1,703	1,735	1,735	1,735	1,735	14.3	13.9
Hydroelectric	530	530	530	566	566	566	566	590	4.5	4.7
Other Renewables[2]	128	183	183	127	127	127	127	133	1.1	1.1

[1] Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[2] 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.
* = 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: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1997 and 2001 Through 2007
(Megawatthours)

Energy Source	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maryland										
Electric Utilities	**44,552,905**	**88,150**	**30,734**	**51,722**	**30,023**	**44,235**	**11,941**	**23,712**	**95.4**	*****
Coal	27,394,342	-	-	-	-	-	-	-	58.7	-
Petroleum	1,478,623	87,790	30,734	51,722	30,023	44,235	11,941	23,712	3.2	*
Natural Gas	878,598	360	-	-	-	-	-	-	1.9	-
Nuclear	13,212,967	-	-	-	-	-	-	-	28.3	-
Hydroelectric	1,588,375	-	-	-	-	-	-	-	3.4	-
Independent Power Producers and Combined Heat and Power	**2,154,491**	**48,974,190**	**48,248,354**	**52,192,515**	**52,022,747**	**52,617,365**	**48,944,939**	**50,174,211**	**4.6**	**100.0**
Coal	226,583	28,379,409	28,712,053	29,939,086	29,195,458[R]	29,302,792[R]	29,408,022[R]	29,699,186	0.5	59.2
Petroleum	86,387	2,933,849	2,251,698	3,520,461	3,266,819[R]	3,761,334[R]	568,785[R]	961,118	0.2	1.9
Natural Gas	533,987	1,760,452	2,214,431	1,195,643	1,183,301[R]	1,886,986[R]	1,770,206[R]	2,240,927	1.1	4.5
Other Gases[1]	564,036	439,980	504,513	325,355	411,565[R]	342,466[R]	332,444[R]	377,560	1.2	0.8
Nuclear	-	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	13,830,411	14,353,192	-	28.6
Hydroelectric	-	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	2,104,275	1,652,216	-	3.3
Other Renewables[2]	743,498	373,015	521,631	596,050	589,208[R]	623,365[R]	626,161[R]	603,462	1.6	1.2
Other[3]	-	247,700	255,034	278,224	288,616[R]	293,561[R]	304,635[R]	286,550	-	0.6
Total Electric Industry	**46,707,396**	**49,062,340**	**48,279,088**	**52,244,237**	**52,052,770**	**52,661,600**	**48,956,880**	**50,197,924**	**100.0**	**100.0**
Coal	27,620,925	28,379,409	28,712,053	29,939,086	29,195,458[R]	29,302,792[R]	29,408,022[R]	29,699,186	59.1	59.2
Petroleum	1,565,010	3,021,639	2,282,432	3,572,183	3,296,842[R]	3,805,569[R]	580,726[R]	984,831	3.4	2.0
Natural Gas	1,412,585	1,760,812	2,214,431	1,195,643	1,183,301[R]	1,886,986[R]	1,770,206[R]	2,240,927	3.0	4.5
Other Gases[1]	564,036	439,980	504,513	325,355	411,565[R]	342,466[R]	332,444[R]	377,560	1.2	0.8
Nuclear	13,212,967	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	13,830,411	14,353,192	28.3	28.6
Hydroelectric	1,588,375	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	2,104,275	1,652,216	3.4	3.3
Other Renewables[2]	743,498	373,015	521,631	596,050	589,208[R]	623,365[R]	626,161[R]	603,462	1.6	1.2
Other[3]	-	247,700	255,034	278,224	288,616[R]	293,561[R]	304,635[R]	286,550	-	0.6

[1] Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[2] 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.
[3] Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.
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.
Source: 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, 1997 and 2001 Through 2007

Fuel, Quality	1997	2001	2002	2003	2004	2005	2006	2007
Maryland								
Coal (cents per million Btu)	150	-	163	163	174	192	227	212
Average heat value (Btu per pound)	12,913	-	12,799	12,708	12,653	12,638	12,504	12,501
Average sulfur Content (percent)	1.14	-	1.13	1.07	1.25	1.32	1.28	1.26
Petroleum (cents per million Btu)	296	-	375	534	552	788	1,013	1,060
Average heat value (Btu per gallon)	150,921	-	150,717	148,564	149,417	148,498	146,088	145,614
Average sulfur Content (percent)	1.01	-	0.65	0.61	0.54	0.64	0.48	0.53
Natural Gas (cents per million Btu)	285	-	416	537	553	991	748	757
Average heat value (Btu per cubic foot)	1,041	-	1,035	1,047	1,048	1,046	1,043	1,042

Btu = British thermal unit.
- (dash) = Data not available.
Sources: 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." Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 1997 and 2001 Through 2007
(Thousand Metric Tons)

Emission Type	1997	2001	2002	2003	2004	2005	2006	2007
Maryland								
Sulfur Dioxide								
Coal	231R	235	241	248	261	258	256	252
Petroleum	12R	11	8	14	13	16	12	12
Natural Gas	*R	*	*	*	*	*	*	*
Other Gases	*R	*	*	*	*	*	*	*
Other Renewables[1]	2R	3R	2R	2R	2R	2R	2R	2
Other[2]	1R	1R	*	*	*	*	*	*
Total	245R	250R	251R	264R	277R	276R	271R	267
Nitrogen Oxide								
Coal	93R	61	62	57	51	50	47	43
Petroleum	7R	6	5	8	7	8	5	5
Natural Gas	2	2	3	1	3	2	7	2
Other Gases	*	1R	1R	1R	1R	1R	1R	1
Other Renewables[1]	1R	5R	2R	2R	3R	2R	2R	2
Other[2]	3R	2R	1R	1R	1R	1R	1R	1
Total	106R	78R	73R	70R	65R	64R	62R	55
Carbon Dioxide								
Coal	25,707	26,122	27,238	28,366	27,868	28,224	28,041	28,342
Petroleum	1,628	2,653	1,984	2,968	2,811	3,282	548	884
Natural Gas	1,026	1,101	1,360	674	739	1,238	1,302	1,366
Other[2]	549R	544R	587R	595R	593R	581R	606R	574
Total	28,910R	30,420R	31,169R	32,604R	32,010R	33,325R	30,497R	31,165

[1] Other Renewables emissions include biogenic municipal solid waste, and other renewable waste.
[2] Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.
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 *).
Source: Calculations made by the Electric Power Division, Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1997 and 2001 Through 2007

Sector	1997	2001	2002	2003	2004	2005	2006	2007	Percentage Share	
									1997	2007
Maryland										
Retail Sales (thousand megawatthours)										
Residential	21,937	24,294	25,489	26,671	27,952	28,440	26,905	28,195	39.0	43.1
Commercial	23,419	26,244	21,044	16,950	17,264	17,932	29,729	30,691	41.6	46.9
Industrial	10,128	10,177	20,875	27,176	21,195	21,517	6,057	5,980	18.0	9.1
Other[1]	781	926	972	NA	NA	NA	NA	NA	1.4	--
Transportation	NA	NA	NA	461	481	477	482	524	--	0.8
All Sectors	56,264	61,640	68,380	71,259	66,892	68,365	63,173	65,391	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,827	1,864	1,973	2,060	2,181	2,405	2,614	3,353	46.5	44.6
Commercial	1,607	1,669	1,328	1,178	1,304	1,608	3,141	3,553	40.9	47.2
Industrial	426	445	836	1,329	1,269	1,509	493	563	10.8	7.5
Other[1]	69	87	92	NA	NA	NA	NA	NA	1.8	--
Transportation	NA	NA	NA	27	31	37	41	53	--	0.7
All Sectors	3,928	4,066	4,229	4,594	4,785	5,559	6,288	7,523	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	8.33	7.67	7.74	7.73	7.80	8.46	9.71	11.89	--	--
Commercial	6.86	6.36	6.31	6.95	7.56	8.97	10.56	11.58	--	--
Industrial	4.21	4.37	4.01	4.89	5.99	7.01	8.14	9.41	--	--
Other[1]	8.80	9.42	9.42	NA	NA	NA	NA	NA	--	--
Transportation	NA	NA	NA	5.78	6.46	7.73	8.43	10.15	--	--
All Sectors	6.98	6.60	6.18	6.45	7.15	8.13	9.95	11.50	--	--

[1] Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.
kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2007

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Maryland								
Number of Entities	4	5	NA	3	1	20	4	37
Number of Retail Customers	2,067,521	34,151	NA	195,692	1	113,875	NA	2,411,240
Retail Sales (thousand megawatthours)	33,240	777	NA	4,425	25	26,924	NA	65,391
Percentage of Retail Sales	50.83	1.19	--	6.77	0.04	41.17	--	100.00
Revenue from Retail Sales (million dollars)	4,009	81	NA	546	2	2,395	491	7,523
Percentage of Revenue	53.29	1.07	--	7.26	0.02	31.83	6.52	100.00
Average Retail Price (cents/kWh)	12.06	10.36	NA	12.34	6.41	8.89	1.82	11.50

kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Notes: Totals may not equal sum of components because of independent rounding. 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.
Source: Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 1997 and 2001 Through 2007
(Million Kilowatthours)

Category	1997	2001	2002	2003	2004	2005	2006	2007
Maryland								
Supply								
Generation								
Electric Utilities	44,553	88	31	52	30	44	12	24
Independent Power Producers	290	46,079	44,828	48,824	48,457	48,780	45,406	46,274
Combined Heat and Power, Electric	1,377	2,808	2,835	2,813	2,926	3,196	2,902	3,275
Electric Power Sector Generation Subtotal	**46,219**	**48,975**	**47,695**	**51,689**	**51,413**	**52,020**	**48,320**	**49,573**
Combined Heat and Power, Commercial	30	30	10	31	49	54	32	28
Combined Heat and Power, Industrial	458	57	575	524	591	588	605	597
Industrial and Commercial Generation Subtotal	**488**	**87**	**584**	**555**	**640**	**641**	**637**	**625**
Total Net Generation	**46,707**	**49,062**	**48,279**	**52,244**	**52,053**	**52,662**	**48,957**	**50,198**
Total International Imports	**-**	**37**	**-**	**-**	**-**	**-**	**-**	**-**
Total Supply	**46,707**	**49,100**	**48,279**	**52,244**	**52,053**	**52,662**	**48,957**	**50,198**
Disposition								
Retail Sales								
Full Service Providers	56,264	59,183	59,271	59,675	53,240	49,145	41,666	38,442
Energy-Only Providers	-	2,457	9,108	11,566	13,652	19,202	21,507	26,924
Facility Direct Retail Sales	-	-	-	18	-	18	-	25
Total Electric Industry Retail Sales	**56,264**	**61,640**	**68,380**	**71,259**	**66,892**	**68,365**	**63,173**	**65,391**
Direct Use	**586**	**1,157**	**1,182**	**1,197**	**1,198**	**1,095**	**1,323**	**1,345**
Estimated Losses	**4,013**	**2,278**	**3,948**	**3,612**[R]	**4,688**	**5,307**	**4,734**	**5,392**
Total Disposition	**60,864**	**65,075**	**73,510**	**76,067**[R]	**72,778**	**74,767**	**69,230**	**72,128**
Net Interstate Trade	**-14,157**	**-15,975**	**-25,231**	**-23,823**[R]	**-20,725**	**-22,105**	**-20,274**	**-21,930**
Net Trade Index (ratio)	**0.77**	**0.75**	**0.66**	**0.69**	**0.72**	**0.70**	**0.71**	**0.70**

R = Revised.
- (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.
Source: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.