

**Table 1. 2006 Summary Statistics**

Item	Value	U.S. Rank
<b>Maryland</b>		
NERC Region(s).....		<b>RFC</b>
Primary Energy Source.....		<b>Coal</b>
Net Summer Capacity (megawatts) .....	<b>12,500</b>	<b>29</b>
Electric Utilities.....	79	46
Independent Power Producers & Combined Heat and Power.....	12,421	9
Net Generation (megawatthours).....	<b>48,956,880</b>	<b>29</b>
Electric Utilities.....	11,941	48
Independent Power Producers & Combined Heat and Power.....	48,944,939	9
Emissions (thousand metric tons) .....		
Sulfur Dioxide .....	271	13
Nitrogen Oxide.....	62	29
Carbon Dioxide.....	30,497	31
Sulfur Dioxide (lbs/MWh) .....	12.2	3
Nitrogen Oxide (lbs/MWh) .....	2.8	20
Carbon Dioxide (lbs/MWh).....	1,373	26
Total Retail Sales (megawatthours).....	<b>63,173,143</b>	<b>24</b>
Full Service Provider Sales (megawatthours) .....	41,666,356	30
Deregulated Sales (megawatthours) .....	21,506,787	3
Direct Use (megawatthours) .....	<b>1,323,256</b>	<b>25</b>
Average Retail Price (cents/kWh).....	<b>9.95</b>	<b>16</b>

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)
<b>Maryland</b>			
1. Chalk Point LLC.....	Coal	Mirant Chalk Point LLC	2,429
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	1,001
6. Dickerson.....	Coal	Mirant Mid-Atlantic LLC	853
7. Rock Springs Generation Facility .....	Gas	CED Operating Co LLC	632
8. Conowingo.....	Hydroelectric	Susquehanna Electric Co	548
9. C P Crane.....	Coal	Constellation Power Source Gen	399
10. Perryman.....	Gas	Constellation Power Source Gen	360

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
<b>Maryland</b>						
1. Baltimore Gas & Electric Co.....	Investor-Owned	19,607,278	12,816,206	6,324,471	466,601	-
2. Potomac Electric Power Co.....	Investor-Owned	8,952,690	5,445,274	3,507,416	-	-
3. PEPCO Energy Services.....	Other Provider	6,173,019	57,419	5,914,384	-	201,216
4. Constellation NewEnergy, Inc.....	Other Provider	5,070,484	-	3,904,706	992,093	173,685
5. The Potomac Edison Co.....	Investor-Owned	4,966,324	3,128,319	1,307,293	530,712	-
Total Sales, Top Five Providers .....		44,769,795	21,447,218	20,958,270	1,989,406	374,901
Percent of Total State Sales .....		71	80	70	33	78

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
<b>Maryland</b>										
<b>Electric Utilities.....</b>	<b>9,758</b>	<b>10,957</b>	<b>70</b>	<b>69</b>	<b>70</b>	<b>79</b>	<b>79</b>	<b>79</b>	<b>97.0</b>	<b>0.6</b>
Coal.....	3,975	4,636	-	-	-	-	-	-	39.5	-
Petroleum.....	2,479 <sup>R</sup>	1,394 <sup>R</sup>	70	69	70	79	79	79	24.7	0.6
Natural Gas.....	1,225 <sup>R</sup>	2,722 <sup>R</sup>	-	-	-	-	-	-	12.2	-
Nuclear.....	1,650	1,675	-	-	-	-	-	-	16.4	-
Hydroelectric.....	428	530	-	-	-	-	-	-	4.3	-
<b>Independent Power Producers and Combined Heat and Power .....</b>	<b>299</b>	<b>363</b>	<b>11,859</b>	<b>11,790</b>	<b>12,401</b>	<b>12,419</b>	<b>12,423</b>	<b>12,421</b>	<b>3.0</b>	<b>99.4</b>
Coal.....	70	60	4,586	4,897	4,957	4,958	4,958	4,958	0.7	39.7
Petroleum.....	2	2	3,243	2,853	2,752	3,343	3,343	3,061	*	24.5
Natural Gas.....	162	172	1,490	1,490	2,144	1,538	1,542	1,821	1.6	14.6
Other Gases.....	-	-	153	152	152	152	152	152	-	1.2
Nuclear.....	-	-	1,675	1,685	1,703	1,735	1,735	1,735	-	13.9
Hydroelectric.....	-	-	530	530	566	566	566	566	-	4.5
Other Renewables.....	65	129	183	183	127	127	127	127	0.6	1.0
<b>Total Electric Industry.....</b>	<b>10,056</b>	<b>11,321</b>	<b>11,930</b>	<b>11,859</b>	<b>12,472</b>	<b>12,499</b>	<b>12,503</b>	<b>12,500</b>	<b>100.0</b>	<b>100.0</b>
Coal.....	4,045	4,696	4,586	4,897	4,957	4,958	4,958	4,958	40.2	39.7
Petroleum.....	2,481 <sup>R</sup>	1,396 <sup>R</sup>	3,313	2,922	2,822	3,422	3,422	3,140	24.7	25.1
Natural Gas.....	1,388 <sup>R</sup>	2,894 <sup>R</sup>	1,490	1,490	2,144	1,538	1,542	1,821	13.8	14.6
Other Gases.....	-	-	153	152	152	152	152	152	-	1.2
Nuclear.....	1,650	1,675	1,675	1,685	1,703	1,735	1,735	1,735	16.4	13.9
Hydroelectric.....	428	530	530	530	566	566	566	566	4.3	4.5
Other Renewables.....	65	129	183	183	127	127	127	127	0.6	1.0

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
<b>Maryland</b>										
<b>Electric Utilities.....</b>	<b>31,497,406</b>	<b>44,658,945</b>	<b>88,150</b>	<b>30,734</b>	<b>51,722</b>	<b>30,023</b>	<b>44,235</b>	<b>11,941</b>	<b>95.0</b>	<b>*</b>
Coal.....	23,299,412	27,369,905	-	-	-	-	-	-	70.3	-
Petroleum.....	3,328,080	1,407,598	87,790	30,734	51,722	30,023	44,235	11,941	10.0	*
Natural Gas.....	1,319,588	1,501,465	360	-	-	-	-	-	4.0	-
Nuclear.....	1,251,416	12,937,971	-	-	-	-	-	-	3.8	-
Hydroelectric.....	2,298,910	1,442,006	-	-	-	-	-	-	6.9	-
<b>Independent Power Producers and Combined Heat and Power.....</b>	<b>1,664,886</b>	<b>1,706,698</b>	<b>48,974,190</b>	<b>48,248,354</b>	<b>52,192,515</b>	<b>52,022,747</b>	<b>52,617,365<sup>R</sup></b>	<b>48,944,939</b>	<b>5.0</b>	<b>100.0</b>
Coal.....	210,450	225,351	28,379,409	28,712,053	29,939,086	29,215,529	29,313,922	29,404,947	0.6	60.1
Petroleum.....	243,192	71,871	2,933,849	2,251,698	3,520,461	3,265,890	3,773,349	569,791	0.7	1.2
Natural Gas.....	202,855	47,419	1,760,452	2,214,431	1,195,643	1,183,005	1,873,659	1,768,346	0.6	3.6
Other Gases.....	488,197	685,721	439,980	504,513	325,355	412,690	343,168	333,298	1.5	0.7
Nuclear.....	-	-	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	13,830,411	-	28.3
Hydroelectric.....	-	-	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	2,104,275	-	4.3
Other Renewables.....	520,192	676,336	373,015	521,631	596,050	569,265	612,871	629,242	1.6	1.3
Other.....	-	-	247,700	255,034	278,224	288,586	293,536	304,628	-	0.6
<b>Total Electric Industry.....</b>	<b>33,162,292</b>	<b>46,365,643</b>	<b>49,062,340</b>	<b>48,279,088</b>	<b>52,244,237</b>	<b>52,052,770</b>	<b>52,661,600<sup>R</sup></b>	<b>48,956,880</b>	<b>100.0</b>	<b>100.0</b>
Coal.....	23,509,862	27,595,256	28,379,409	28,712,053	29,939,086	29,215,529	29,313,922	29,404,947	70.9	60.1
Petroleum.....	3,571,272	1,479,469	3,021,639	2,282,432	3,572,183	3,295,913	3,817,584	581,732	10.8	1.2
Natural Gas.....	1,522,443	1,548,884	1,760,812	2,214,431	1,195,643	1,183,005	1,873,659	1,768,346	4.6	3.6
Other Gases.....	488,197	685,721	439,980	504,513	325,355	412,690	343,168	333,298	1.5	0.7
Nuclear.....	1,251,416	12,937,971	13,656,267	12,128,005	13,690,713	14,580,260	14,703,221	13,830,411	3.8	28.3
Hydroelectric.....	2,298,910	1,442,006	1,183,518	1,660,989	2,646,984	2,507,521	1,703,639	2,104,275	6.9	4.3
Other Renewables.....	520,192	676,336	373,015	521,631	596,050	569,265	612,871	629,242	1.6	1.3
Other.....	-	-	247,700	255,034	278,224	288,586	293,536	304,628	-	0.6

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
<b>Maryland</b>								
Coal (cents per million Btu)	165	150	-	163	163	174	192	227
Average heat value (Btu per pound)	12,734	12,965	-	12,799	12,708	12,653	12,638	12,504
Average sulfur Content (percent)	1.44	1.06	-	1.13	1.07	1.25	1.32	1.28
Petroleum (cents per million Btu)	316	275	-	375	534	552	788	1,013
Average heat value (Btu per gallon)	149,602	150,162	-	150,717	148,564	149,417	148,498	146,088
Average sulfur Content (percent)	1.20	0.88	-	0.65	0.61	0.54	0.64	0.48
Natural Gas (cents per million Btu)	245	216	-	416	537	553	991	748
Average heat value (Btu per cubic foot)	1,042	1,039	-	1,035	1,047	1,048	1,046	1,043

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
<b>Maryland</b>								
<b>Sulfur Dioxide .....</b>								
Coal.....	241	200	235	241	248	261	258	256
Petroleum.....	26	11	11	8	14	13	16	12
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	2	3	4	2	2	2	2	2
Total.....	270	213	250	251	264	277	276	271
<b>Nitrogen Oxide .....</b>								
Coal.....	91	85	61	62	57	51	50	47
Petroleum.....	7	2	6	5	8	7	8	5
Natural Gas.....	3	2	2	3	1	3	2	7
Other.....	1	2	8	3	4	4	4	4
Total.....	102	92	78	73	70	65	64	62
<b>Carbon Dioxide .....</b>								
Coal.....	21,857	25,173	26,122	27,238	28,366	27,868	28,224	28,041
Petroleum.....	3,685	1,457	2,653	1,984	2,968	2,811	3,282	548
Natural Gas.....	1,221	1,144	1,101	1,360	674	739	1,238	1,302
Other Renewables.....	292	468	544	587	595	593	581	606
Total.....	27,053	28,242	30,420	31,169	32,604	32,010	33,325	30,497

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
<b>Maryland</b>										
<b>Retail Sales (thousand megawatthours) .....</b>										
Residential.....	19,102	22,234	24,294	25,489	26,671	27,952	28,440	26,905	38.6	42.6
Commercial.....	10,452	23,096	26,244	21,044	16,950	17,264	17,932	29,729	21.1	47.1
Industrial.....	19,308	10,057	10,177	20,875	27,176	21,195	21,517	6,057	39.0	9.6
Other.....	672	771	926	972	NA	NA	NA	NA	1.4	NA
Transportation.....	NA	NA	NA	NA	461	481	477	482	NA	0.8
All Sectors.....	49,534	56,158	61,640	68,380	71,259	66,892	68,365	63,173	100.0	100.0
<b>Retail Revenue (million dollars).....</b>										
Residential.....	1,380	1,875	1,864	1,973	2,060	2,181	2,405	2,614	44.2	41.6
Commercial.....	702	1,596	1,669	1,328	1,178	1,304	1,608	3,141	22.5	49.9
Industrial.....	984	425	445	836	1,329	1,269	1,509	493	31.5	7.8
Other.....	56	68	87	92	NA	NA	NA	NA	1.8	NA
Transportation.....	NA	NA	NA	NA	27	31	37	41	NA	0.6
All Sectors.....	3,121	3,964	4,066	4,229	4,594	4,785	5,559	6,288	100.0	100.0
<b>Average Retail Prices (cents/KWh) .....</b>										
Residential.....	7.22	8.43	7.67	7.74	7.73	7.80	8.46	9.71	NA	NA
Commercial.....	6.71	6.91	6.36	6.31	6.95	7.56	8.97	10.56	NA	NA
Industrial.....	5.10	4.23	4.37	4.01	4.89	5.99	7.01	8.14	NA	NA
Other.....	8.31	8.79	9.42	9.42	NA	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	5.78	6.46	7.73	8.43	NA	NA
All Sectors.....	6.30	7.06	6.60	6.18	6.45	7.15	8.13	9.95	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	4	5	NA	3	NA	17	4	33
Number of Retail Customers	2,099,343	33,769	NA	188,587	NA	65,208	NA	2,386,907
Retail Sales (thousand megawatthours)	36,781	754	NA	4,130	NA	21,507	NA	63,173
Percentage of Retail Sales	58.22	1.19	NA	6.54	NA	34.04	NA	100.00
Revenue from Retail Sales (million dollars)	3,713	66	NA	464	NA	1,690	354	6,288
Percentage of Revenue	59.05	1.05	NA	7.38	NA	26.88	5.63	100.00
Average Retail Price (cents/kWh)	10.10	8.79	NA	11.24	NA	7.86	1.64	9.95

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
<b>Maryland</b>								
<b>Supply</b>								
<b>Generation</b>								
Electric Utilities	31,497	44,659	88	31	52	30	44	12
Independent Power Producers	20	167	46,079	44,828	48,824	48,457	48,780	45,406
Combined Heat and Power, Electric	1,227	1,071	2,808	2,835	2,813	2,926	3,196	2,902
<b>Electric Power Sector Generation Subtotal</b>	<b>32,744</b>	<b>45,896</b>	<b>48,975</b>	<b>47,695</b>	<b>51,689</b>	<b>51,413</b>	<b>52,020</b>	<b>48,320</b>
Combined Heat and Power, Commercial	71	30	30	10	31	49	54	32
Combined Heat and Power, Industrial	347	439	57	575	524	591	588	605
<b>Industrial and Commercial Generation Subtotal</b>	<b>418</b>	<b>469</b>	<b>87</b>	<b>584</b>	<b>555</b>	<b>640</b>	<b>641</b>	<b>637</b>
<b>Total Net Generation</b>	<b>33,162</b>	<b>46,366</b>	<b>49,062</b>	<b>48,279</b>	<b>52,244</b>	<b>52,053</b>	<b>52,662</b>	<b>48,957</b>
<b>Total International Imports</b>	-	-	37	-	-	-	-	-
<b>Total Supply</b>	<b>33,162</b>	<b>46,366</b>	<b>49,100</b>	<b>48,279</b>	<b>52,244</b>	<b>52,053</b>	<b>52,662</b>	<b>48,957</b>
<b>Disposition</b>								
<b>Retail Sales</b>								
Full Service Providers	49,534	56,158	59,183	59,271	59,675	53,240	49,145	41,666
Energy-Only Providers	-	-	2,457	9,108	11,566	13,652	19,202	21,507
Facility Direct Retail Sales	-	-	-	-	18	-	18	-
<b>Total Electric Industry Retail Sales</b>	<b>49,534</b>	<b>56,158</b>	<b>61,640</b>	<b>68,380</b>	<b>71,259</b>	<b>66,892</b>	<b>68,365</b>	<b>63,173</b>
<b>Direct Use</b>	<b>1,324</b>	<b>1,254</b>	<b>1,157</b>	<b>1,182</b>	<b>1,197</b>	<b>1,198</b>	<b>1,095</b>	<b>1,323</b>
<b>Estimated Losses</b>	<b>3,714</b>	<b>4,263</b>	<b>2,278</b>	<b>3,948</b>	<b>3,613</b>	<b>4,688</b>	<b>5,307</b>	<b>4,734</b>
<b>Total Disposition</b>	<b>54,572</b>	<b>61,675</b>	<b>65,075</b>	<b>73,510</b>	<b>76,069</b>	<b>72,778</b>	<b>74,767</b>	<b>69,230</b>
<b>Net Interstate Trade</b>	<b>-21,410</b>	<b>-15,309</b>	<b>-15,975</b>	<b>-25,231</b>	<b>-23,825</b>	<b>-20,725</b>	<b>-22,105</b>	<b>-20,274</b>
<b>Net Trade Index (ratio)</b>	<b>0.61</b>	<b>0.75</b>	<b>0.75</b>	<b>0.66</b>	<b>0.69</b>	<b>0.72</b>	<b>0.70</b>	<b>0.71</b>

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.