

Table 1. Summary Renewable Electric Power Industry Statistics (2010)**Maryland**

Primary Renewable Energy Capacity Source	Hydro Conventional
Primary Renewable Energy Generation Source	Hydro Conventional

Capacity (megawatts)	Value	Percent of State Total
Total Net Summer Electricity Capacity	12,516	100.0
Total Net Summer Renewable Capacity	799	6.4
Geothermal	-	-
Hydro Conventional	590	4.7
Solar	1	*
Wind	70	0.6
Wood/Wood Waste	3	*
MSW/Landfill Gas	135	1.1
Other Biomass	-	-

Generation (thousand megawatthours)

Total Electricity Net Generation	43,607	100.0
Total Renewable Net Generation	2,241	5.1
Geothermal	-	-
Hydro Conventional	1,667	3.8
Solar	s	*
Wind	1	*
Wood/Wood Waste	165	0.4
MSW Biogenic/Landfill Gas	407	0.9
Other Biomass	s	*

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

* = Absolute percentage less than 0.05.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: Capacity: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)**Maryland**

Energy Source	2006	2007	2008	2009	2010
Fossil	10,071	10,028	10,125	10,050	10,012
Coal	4,958	4,958	4,944	4,876	4,886
Petroleum	3,140	2,965	2,991	2,986	2,933
Natural Gas	1,821	1,953	2,038	2,035	2,041
Other Gases	152	152	152	152	152
Nuclear	1,735	1,735	1,735	1,705	1,705
Renewables	693	723	725	727	799
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	12,500	12,486	12,585	12,482	12,516

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires and miscellaneous technologies. For cofired plants, all of the capacity is assigned to the primary energy source. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2006 - 2010 (Megawatts)

Maryland

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	566	590	590	590	590
Solar	-	-	-	-	1
Wind	-	-	-	-	70
Wood/Wood Waste	2	3	3	3	3
MSW/Landfill Gas	126	130	132	135	135
Other Biomass	-	-	-	-	-
Total	693	723	725	727	799

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. Totals may not equal sum of components due to independent rounding.

Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)****Maryland**

Energy Source	2006	2007	2008	2009	2010
Fossil	32,091	33,303	29,810	26,529	27,102
Coal	29,408	29,699	27,218	24,162	23,668
Petroleum	581	985	406	330	322
Natural Gas	1,770	2,241	1,848	1,768	2,897
Other Gases	332	378	338	269	215
Nuclear	13,830	14,353	14,679	14,550	13,994
Renewables	2,730	2,256	2,587	2,440	2,241
Pumped Storage	-	-	-	-	-
Other	305	287	286	256	270
Total	48,957	50,198	47,361	43,775	43,607

- = No data reported.

Notes: Petroleum includes petroleum liquids, petroleum coke, and waste oil. Natural Gas includes single-fired and dual-fired plants operating on natural gas. Other Gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Renewables include conventional hydro and other renewable technologies. Other includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tires, non-biogenic MSW and miscellaneous technologies. For cofired plants, generation is prorated on the basis of energy source shares. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2006 - 2010
(Thousand Megawatthours)****Maryland**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,104	1,652	1,974	1,889	1,667
Solar	-	-	-	-	s
Wind	-	-	-	-	1
Wood/Wood Waste	218	203	198	175	165
MSW Biogenic/Landfill Gas	408	400	415	376	407
Other Biomass	-	-	-	-	s
Total	2,730	2,256	2,587	2,440	2,241

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = No data reported.

Notes: Hydro Conventional does not include pumped storage. Other Biomass includes agricultural byproducts/crops, sludge waste and other biomass solids, liquids and gases. Solar includes solar thermal and photovoltaic. MSW = Municipal Solid Waste. MSW Biogenic includes paper and paper board, wood, food, leather, textiles and yard trimmings. Totals may not equal sum of components due to independent rounding.

Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.