

Table 1. Summary Renewable Electric Power Industry Statistics (2007)

Georgia

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Wood/Wood Waste	
<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	36,472	100.0
Total Net Summer Renewable Capacity	2,706	7.4
Geothermal	-	-
Hydro Conventional	2,032	5.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	621	1.7
MSW/Landfill Gas	10	*
Other Biomass	44	0.1
<u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	145,155	100.0
Total Renewable Net Generation	5,652	3.9
Geothermal	-	-
Hydro Conventional	2,236	1.5
Solar	-	-
Wind	-	-
Wood/Wood Waste	3,362	2.3
MSW Biogenic/Landfill Gas	16	*
Other Biomass	37	*

* = 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: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." Generation: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

Table 2. State Total Electric Power Industry Net Summer Capacity, by Energy Source, 2003 - 2007 (Megawatts)

Georgia

Energy Source	2003	2004	2005	2006	2007
Fossil	26,814	27,093	28,283	28,238	28,096
Coal	13,648	13,488	13,465	13,438	13,275
Petroleum	1,361	1,252	2,185	2,182	2,169
Natural Gas	11,804	12,353	12,633	12,618	12,652
Other Gases	-	-	-	-	-
Nuclear	4,040	4,053	4,060	4,060	3,995
Renewables	2,508	2,517	2,513	2,526	2,706
Pumped Storage	1,454	1,675	1,675	1,675	1,675
Other	-	-	-	-	-
Total	34,815	35,338	36,531	36,499	36,472

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

Table 3. State Renewable Electric Power Industry Net Summer Capacity, by Energy Source, 2003 - 2007 (Megawatts)

Georgia

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	2,109	2,012	2,014	2,027	2,032
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	392	457	450	450	621
MSW/Landfill Gas	7	5	5	5	10
Other Biomass	-	44	44	44	44
Total	2,508	2,517	2,513	2,526	2,706

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

**Table 4. State Total Electric Power Industry Net Generation, by Energy Source, 2003 - 2007
(Thousand Megawatthours)**

Georgia

Energy Source	2003	2004	2005	2006	2007
Fossil	84,110	87,019	97,986	100,299	107,165
Coal	78,638	79,943	87,182	86,504	90,298
Petroleum	1,194	947	1,033	834	788
Natural Gas	4,277	6,130	9,771	12,961	16,079
Other Gases	-	-	-	-	-
Nuclear	33,257	33,748	31,534	32,006	32,545
Renewables	7,314	6,884	7,304	5,988	5,652
Pumped Storage	-636	-878	-209	-400	-322
Other	33	40	53	118	115
Total	124,077	126,813	136,668	138,010	145,155

- = 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: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."

**Table 5. State Renewable Electric Power Industry Net Generation, by Energy Source, 2003 - 2007
(Thousand Megawatthours)**

Georgia

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	4,140	3,692	4,032	2,569	2,236
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,039	3,108	3,195	3,362	3,362
MSW Biogenic/Landfill Gas	23	18	28	25	16
Other Biomass	111	66	49	32	37
Total	7,314	6,884	7,304	5,988	5,652

- = 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: Energy Information Administration, Form EIA-906, "Power Plant Report" and EIA-920, "Combined Heat and Power Plant Report."