

Table 1. Summary Renewable Electric Power Industry Statistics (2006)

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	36,499	100.0
Total Net Summer Renewable Capacity	2,526	6.9
Geothermal	-	-
Hydro Conventional	2,027	5.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	450	1.2
MSW/Landfill Gas	5	*
Other Biomass	44	0.1
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	138,010	100.0
Total Renewable Net Generation	6,012	4.4
Geothermal	-	-
Hydro Conventional	2,569	1.9
Solar	-	-
Wind	-	-
Wood/Wood Waste	3,381	2.5
MSW Biogenic/Landfill Gas	25	*
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, 2002 - 2006 (Megawatts)

Georgia

Energy Source	2002	2003	2004	2005	2006
Fossil	26,397	26,814	27,093	28,283	28,238
Coal	13,815	13,648	13,488	13,465	13,438
Petroleum	1,397	1,361	1,252	2,185	2,182
Natural Gas	11,184	11,804	12,353	12,633	12,618
Other Gases	-	-	-	-	-
Nuclear	4,023	4,040	4,053	4,060	4,060
Renewables	2,727	2,508	2,517	2,513	2,526
Pumped Storage	1,454	1,454	1,675	1,675	1,675
Other	-	-	-	-	-
Total	34,601	34,815	35,338	36,531	36,499

- = 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, 2002 - 2006 (Megawatts)

Georgia

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	2,325	2,109	2,012	2,014	2,027
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	395	392	457	450	450
MSW/Landfill Gas	7	7	5	5	5
Other Biomass	-	-	44	44	44
Total	2,727	2,508	2,517	2,513	2,526

- = 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, 2002 - 2006
 (Thousand Megawatthours)**

Georgia

Energy Source	2002	2003	2004	2005	2006
Fossil	86,922	84,110	86,994	98,032	100,275
Coal	78,828	78,638	79,956	87,236	86,511
Petroleum	1,205	1,194	843	1,019	826
Natural Gas	6,889	4,277	6,196	9,777	12,939
Other Gases	-	-	-	-	-
Nuclear	31,108	33,257	33,748	31,534	32,006
Renewables	9,097	7,314	6,909	7,258	6,012
Pumped Storage	-648	-636	-878	-209	-400
Other	34	33	40	53	118
Total	126,512	124,077	126,813	136,668	138,010

- = 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, 2002 - 2006
 (Thousand Megawatthours)**

Georgia

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	2,716	4,140	3,692	4,032	2,569
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	6,219	3,039	3,133	3,149	3,381
MSW Biogenic/Landfill Gas	24	23	18	29	25
Other Biomass	138	111	66	49	37
Total	9,097	7,314	6,909	7,258	6,012

- = 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."