

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

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	36,636	100.0
Total Net Summer Renewable Capacity	2,689	7.3
Geothermal	-	-
Hydro Conventional	2,052	5.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	617	1.7
MSW/Landfill Gas	17	*
Other Biomass	4	*

Generation (thousand megawatthours)

Total Electricity Net Generation	137,577	100.0
Total Renewable Net Generation	6,502	4.7
Geothermal	-	-
Hydro Conventional	3,322	2.4
Solar	-	-
Wind	-	-
Wood/Wood Waste	3,054	2.2
MSW Biogenic/Landfill Gas	83	0.1
Other Biomass	44	*

* = 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)**Georgia**

Energy Source	2006	2007	2008	2009	2010
Fossil	28,238	28,096	28,078	28,103	28,087
Coal	13,438	13,275	13,256	13,211	13,230
Petroleum	2,182	2,169	2,187	2,188	2,189
Natural Gas	12,618	12,652	12,635	12,705	12,668
Other Gases	-	-	-	-	-
Nuclear	4,060	3,995	4,061	4,061	4,061
Renewables	2,526	2,706	2,642	2,648	2,689
Pumped Storage	1,675	1,675	1,675	1,737	1,800
Other	-	-	-	-	-
Total	36,499	36,472	36,456	36,549	36,636

- = 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)

Georgia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,027	2,032	2,041	2,046	2,052
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	450	621	591	587	617
MSW/Landfill Gas	5	10	10	15	17
Other Biomass	44	44	-	-	4
Total	2,526	2,706	2,642	2,648	2,689

- = 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)****Georgia**

Energy Source	2006	2007	2008	2009	2010
Fossil	100,299	107,165	99,661	90,634	97,823
Coal	86,504	90,298	85,491	69,478	73,298
Petroleum	834	788	742	650	641
Natural Gas	12,961	16,079	13,428	20,506	23,884
Other Gases	-	-	-	-	-
Nuclear	32,006	32,545	31,691	31,683	33,512
Renewables	5,988	5,652	4,927	6,085	6,502
Pumped Storage	-400	-322	-157	272	-278
Other	118	115	51	25	18
Total	138,010	145,155	136,173	128,698	137,577

- = 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)**

Georgia

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	2,569	2,236	2,145	3,260	3,322
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,362	3,362	2,660	2,746	3,054
MSW Biogenic/Landfill Gas	25	16	31	51	83
Other Biomass	32	37	90	29	44
Total	5,988	5,652	4,927	6,085	6,502

- = 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.