

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

Alabama

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

<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	30,664	100.0
Total Net Summer Renewable Capacity	3,852	12.6
Geothermal	-	-
Hydro Conventional	3,271	10.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	581	1.9
MSW/Landfill Gas	-	-
Other Biomass	-	-
 Generation (thousand megawatthours)		
Total Electricity Net Generation	140,895	100.0
Total Renewable Net Generation	11,158	7.9
Geothermal	-	-
Hydro Conventional	7,252	5.1
Solar	-	-
Wind	-	-
Wood/Wood Waste	3,881	2.8
MSW Biogenic/Landfill Gas	4	*
Other Biomass	21	*

* = 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)

Alabama

Energy Source	2002	2003	2004	2005	2006
Fossil	18,076	21,411	21,804	21,893	21,804
Coal	11,265	11,231	11,370	11,592	11,557
Petroleum	41	41	43	43	43
Natural Gas	6,766	10,136	10,308	10,159	10,104
Other Gases	4	4	84	100	100
Nuclear	4,966	4,972	5,008	5,008	5,008
Renewables	3,544	3,778	3,835	3,793	3,852
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
Total	26,586	30,162	30,647	30,694	30,664

- = 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)

Alabama

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	3,002	3,234	3,280	3,240	3,271
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	543	544	555	553	581
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
Total	3,544	3,778	3,835	3,793	3,852

- = 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)**

Alabama

Energy Source	2002	2003	2004	2005	2006
Fossil	88,370	89,447	91,314	92,326	97,806
Coal	72,042	76,696	74,817	78,113	78,105
Petroleum	312	337	270	235	173
Natural Gas	15,904	12,244	16,046	13,871	19,397
Other Gases	113	170	182	107	131
Nuclear	31,857	31,677	31,636	31,694	31,911
Renewables	12,571	16,338	14,378	13,904	11,158
Pumped Storage	-	-	-	-	-
Other	123	26	27	25	21
Total	132,921	137,487	137,355	137,949	140,895

- = 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)**

Alabama

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	8,825	12,665	10,626	10,145	7,252
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,727	3,649	3,723	3,738	3,881
MSW Biogenic/Landfill Gas	-	4	5	3	4
Other Biomass	18	20	23	17	21
Total	12,571	16,338	14,378	13,904	11,158

- = 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."