

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

**Alabama**

Primary Renewable Energy Capacity Source	Hydro Conventional		
Primary Renewable Energy Generation Source	Hydro Conventional		
<b><u>Capacity (megawatts)</u></b>	<b><u>Value</u></b>	<b><u>Percent of State</u></b>	<b><u>Total</u></b>
<b>Total Net Summer Electricity Capacity</b>	<b>30,614</b>	<b>100.0</b>	
<b>Total Net Summer Renewable Capacity</b>	<b>3,846</b>	<b>12.6</b>	
Geothermal	-	-	
Hydro Conventional	3,272	10.7	
Solar	-	-	
Wind	-	-	
Wood/Wood Waste	574	1.9	
MSW/Landfill Gas	-	-	
Other Biomass	-	-	
<b><u>Generation (thousand megawatthours)</u></b>			
<b>Total Electricity Net Generation</b>	<b>143,826</b>	<b>100.0</b>	
<b>Total Renewable Net Generation</b>	<b>7,937</b>	<b>5.5</b>	
Geothermal	-	-	
Hydro Conventional	4,136	2.9	
Solar	-	-	
Wind	-	-	
Wood/Wood Waste	3,784	2.6	
MSW Biogenic/Landfill Gas	4	*	
Other Biomass	13	*	

\* = 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)**

**Alabama**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	21,411	21,804	21,893	21,804	21,784
Coal	11,231	11,370	11,592	11,557	11,544
Petroleum	41	43	43	43	43
Natural Gas	10,136	10,308	10,159	10,104	10,098
Other Gases	4	84	100	100	100
Nuclear	4,972	5,008	5,008	5,008	4,985
Renewables	3,778	3,835	3,793	3,852	3,846
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>30,162</b>	<b>30,647</b>	<b>30,694</b>	<b>30,664</b>	<b>30,614</b>

- = 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)**

**Alabama**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	3,234	3,280	3,240	3,271	3,272
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	544	555	553	581	574
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>3,778</b>	<b>3,835</b>	<b>3,793</b>	<b>3,852</b>	<b>3,846</b>

- = 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)**

**Alabama**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Fossil	89,447	91,286	92,438	97,827	101,561
Coal	76,696	74,832	78,128	78,109	77,994
Petroleum	337	295	333	180	157
Natural Gas	12,244	15,977	13,869	19,407	23,232
Other Gases	170	182	107	131	178
Nuclear	31,677	31,636	31,694	31,911	34,325
Renewables	16,338	14,405	13,791	11,136	7,937
Pumped Storage	-	-	-	-	-
Other	26	28	25	21	4
<b>Total</b>	<b>137,487</b>	<b>137,355</b>	<b>137,949</b>	<b>140,895</b>	<b>143,826</b>

- = 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)**

**Alabama**

<b>Energy Source</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
Geothermal	-	-	-	-	-
Hydro Conventional	12,665	10,626	10,145	7,252	4,136
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,649	3,756	3,630	3,865	3,784
MSW Biogenic/Landfill Gas	4	5	4	4	4
Other Biomass	20	18	13	16	13
<b>Total</b>	<b>16,338</b>	<b>14,405</b>	<b>13,791</b>	<b>11,136</b>	<b>7,937</b>

- = 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."