

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

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Hydro Conventional	
<b>Capacity (megawatts)</b>	<b>Value</b>	<b>Percent of State Total</b>
<b>Total Net Summer Electricity Capacity</b>	<b>32,417</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>3,855</b>	<b>11.9</b>
Geothermal	-	-
Hydro Conventional	3,272	10.1
Solar	-	-
Wind	-	-
Wood/Wood Waste	583	1.8
MSW/Landfill Gas	-	-
Other Biomass	-	-
<b>Generation (thousand megawatthours)</b>		
<b>Total Electricity Net Generation</b>	<b>152,151</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>11,081</b>	<b>7.3</b>
Geothermal	-	-
Hydro Conventional	8,704	5.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	2,365	1.6
MSW Biogenic/Landfill Gas	-	-
Other Biomass	12	*

\* = 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)****Alabama**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	21,804	21,784	22,372	22,540	23,519
Coal	11,557	11,544	11,506	11,486	11,441
Petroleum	43	43	43	43	43
Natural Gas	10,104	10,098	10,724	10,912	11,936
Other Gases	100	100	100	100	100
Nuclear	5,008	4,985	4,985	4,985	5,043
Renewables	3,852	3,846	3,865	3,863	3,855
Pumped Storage	-	-	-	-	-
Other	-	-	-	-	-
<b>Total</b>	<b>30,664</b>	<b>30,614</b>	<b>31,222</b>	<b>31,389</b>	<b>32,417</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:** 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)**

**Alabama**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	3,271	3,272	3,272	3,272	3,272
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	581	574	593	591	583
MSW/Landfill Gas	-	-	-	-	-
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>3,852</b>	<b>3,846</b>	<b>3,865</b>	<b>3,863</b>	<b>3,855</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:** 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)****Alabama**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	97,827	101,561	97,376	87,580	102,762
Coal	78,109	77,994	74,605	55,609	63,050
Petroleum	180	157	204	219	200
Natural Gas	19,407	23,232	22,363	31,617	39,235
Other Gases	131	178	204	135	277
Nuclear	31,911	34,325	38,993	39,716	37,941
Renewables	11,136	7,937	9,493	15,585	11,081
Pumped Storage	-	-	-	-	-
Other	21	4	8	374	366
<b>Total</b>	<b>140,895</b>	<b>143,826</b>	<b>145,870</b>	<b>143,256</b>	<b>152,151</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:** 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)**

**Alabama**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	-	-	-	-	-
Hydro Conventional	7,252	4,136	6,136	12,535	8,704
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	3,865	3,784	3,324	3,035	2,365
MSW Biogenic/Landfill Gas	4	4	-	-	-
Other Biomass	16	13	34	14	12
<b>Total</b>	<b>11,136</b>	<b>7,937</b>	<b>9,493</b>	<b>15,585</b>	<b>11,081</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:** U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms.