

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

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>23,982</b>	<b>100.0</b>
<b>Total Net Summer Renewable Capacity</b>	<b>1,623</b>	<b>6.8</b>
Geothermal	-	-
Hydro Conventional	1,340	5.6
Solar	-	-
Wind	-	-
Wood/Wood Waste	255	1.1
MSW/Landfill Gas	29	0.1
Other Biomass	-	-
<b>Generation (thousand megawatthours)</b>		
<b>Total Electricity Net Generation</b>	<b>104,153</b>	<b>100.0</b>
<b>Total Renewable Net Generation</b>	<b>4,250</b>	<b>4.1</b>
Geothermal	-	-
Hydro Conventional	2,376	2.3
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,742	1.7
MSW Biogenic/Landfill Gas	131	0.1
Other Biomass	-	-

- = 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)****South Carolina**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	12,100	12,682	13,281	13,189	13,207
Coal	6,088	6,641	7,242	7,210	7,230
Petroleum	685	685	705	669	670
Natural Gas	5,327	5,355	5,335	5,311	5,308
Other Gases	-	-	-	-	-
Nuclear	6,472	6,472	6,472	6,486	6,486
Renewables	1,594	1,587	1,592	1,580	1,623
Pumped Storage	2,616	2,826	2,666	2,716	2,666
Other	-	-	-	-	-
<b>Total</b>	<b>22,782</b>	<b>23,566</b>	<b>24,012</b>	<b>23,971</b>	<b>23,982</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)**

**South Carolina**

Energy Source	2006	2007	2008	2009	2010
Geothermal	-	-	-	-	-
Hydro Conventional	1,345	1,337	1,337	1,337	1,340
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	220	220	220	220	255
MSW/Landfill Gas	29	29	35	23	29
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>1,594</b>	<b>1,587</b>	<b>1,592</b>	<b>1,580</b>	<b>1,623</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)****South Carolina**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Fossil	45,778	47,765	47,449	44,781	48,789
Coal	39,473	41,583	41,540	34,478	37,671
Petroleum	237	217	180	523	191
Natural Gas	6,068	5,965	5,729	9,780	10,927
Other Gases	s	s	-	-	-
Nuclear	50,797	53,200	51,763	52,150	51,988
Renewables	3,717	3,552	2,939	4,080	4,250
Pumped Storage	-1,120	-1,211	-1,267	-976	-935
Other	95	96	94	91	61
<b>Total</b>	<b>99,268</b>	<b>103,402</b>	<b>100,978</b>	<b>100,125</b>	<b>104,153</b>

s = Value is less than 0.5 of the table metric, but value is included in any associated total.

- = 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)**

**South Carolina**

<b>Energy Source</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
Geothermal	-	-	-	-	-
Hydro Conventional	1,807	1,556	1,123	2,332	2,376
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,804	1,895	1,696	1,611	1,742
MSW Biogenic/Landfill Gas	106	101	120	137	131
Other Biomass	-	-	-	-	-
<b>Total</b>	<b>3,717</b>	<b>3,552</b>	<b>2,939</b>	<b>4,080</b>	<b>4,250</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.