

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

South Carolina

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	22,782	100.0
Total Net Summer Renewable Capacity	1,594	7.0
Geothermal	-	-
Hydro Conventional	1,345	5.9
Solar	-	-
Wind	-	-
Wood/Wood Waste	220	1.0
MSW/Landfill Gas	29	0.1
Other Biomass	-	-
 <u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	99,268	100.0
Total Renewable Net Generation	3,644	3.7
Geothermal	-	-
Hydro Conventional	1,807	1.8
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,731	1.7
MSW Biogenic/Landfill Gas	106	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: 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)

South Carolina

Energy Source	2002	2003	2004	2005	2006
Fossil	10,037	10,333	11,901	11,880	12,100
Coal	6,028	6,028	6,072	6,072	6,088
Petroleum	958	972	686	692	685
Natural Gas	3,051	3,332	5,143	5,116	5,327
Other Gases	-	-	-	-	-
Nuclear	6,492	6,472	6,472	6,472	6,472
Renewables	1,615	1,619	1,573	1,583	1,594
Pumped Storage	2,219	2,235	2,251	2,616	2,616
Other	-	-	-	-	-
Total	20,363	20,659	22,196	22,551	22,782

- = 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)

South Carolina

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	1,384	1,384	1,340	1,348	1,345
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	222	222	220	217	220
MSW/Landfill Gas	10	13	13	19	29
Other Biomass	-	-	-	-	-
Total	1,615	1,619	1,573	1,583	1,594

- = 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)**

South Carolina

Energy Source	2002	2003	2004	2005	2006
Fossil	41,747	39,552	43,625	45,762	45,858
Coal	36,948	37,432	38,920	39,677	39,491
Petroleum	300	457	910	673	298
Natural Gas	4,498	1,663	3,795	5,413	6,068
Other Gases	s	s	s	-	-
Nuclear	53,326	50,418	51,201	53,138	50,797
Renewables	2,634	4,961	4,175	4,723	3,644
Pumped Storage	-1,143	-1,207	-1,149	-1,199	-1,120
Other	-	49	88	90	89
Total	96,563	93,773	97,940	102,515	99,268

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: 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)**

South Carolina

Energy Source	2002	2003	2004	2005	2006
Geothermal	-	-	-	-	-
Hydro Conventional	1,390	3,665	2,447	2,938	1,807
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,229	1,244	1,659	1,697	1,731
MSW Biogenic/Landfill Gas	16	52	69	88	106
Other Biomass	-	-	s	-	-
Total	2,634	4,961	4,175	4,723	3,644

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

- = 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."