

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

South Carolina

Primary Renewable Energy Capacity Source	Hydro Conventional	
Primary Renewable Energy Generation Source	Wood/Wood Waste	
<u>Capacity (megawatts)</u>	<u>Value</u>	<u>Percent of State Total</u>
Total Net Summer Electricity Capacity	23,566	100.0
Total Net Summer Renewable Capacity	1,587	6.7
Geothermal	-	-
Hydro Conventional	1,337	5.7
Solar	-	-
Wind	-	-
Wood/Wood Waste	220	0.9
MSW/Landfill Gas	29	0.1
Other Biomass	-	-
<u>Generation (thousand megawatthours)</u>		
Total Electricity Net Generation	103,402	100.0
Total Renewable Net Generation	3,552	3.4
Geothermal	-	-
Hydro Conventional	1,556	1.5
Solar	-	-
Wind	-	-
Wood/Wood Waste	1,895	1.8
MSW Biogenic/Landfill Gas	101	0.1
Other Biomass	-	0.0

- = 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)

South Carolina

Energy Source	2003	2004	2005	2006	2007
Fossil	10,333	11,901	11,880	12,100	12,682
Coal	6,028	6,072	6,072	6,088	6,641
Petroleum	972	686	692	685	685
Natural Gas	3,332	5,143	5,116	5,327	5,355
Other Gases	-	-	-	-	-
Nuclear	6,472	6,472	6,472	6,472	6,472
Renewables	1,619	1,573	1,583	1,594	1,587
Pumped Storage	2,235	2,251	2,616	2,616	2,826
Other	-	-	-	-	-
Total	20,659	22,196	22,551	22,782	23,566

- = 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)

South Carolina

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	1,384	1,340	1,348	1,345	1,337
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	222	220	217	220	220
MSW/Landfill Gas	13	13	19	29	29
Other Biomass	-	-	-	-	-
Total	1,619	1,573	1,583	1,594	1,587

- = 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)**

South Carolina

Energy Source	2003	2004	2005	2006	2007
Fossil	39,552	43,591	45,730	45,778	47,765
Coal	37,432	38,922	39,692	39,473	41,583
Petroleum	457	871	618	237	217
Natural Gas	1,663	3,798	5,414	6,068	5,965
Other Gases	s	s	6	s	s
Nuclear	50,418	51,201	53,138	50,797	53,200
Renewables	4,961	4,210	4,752	3,717	3,552
Pumped Storage	-1,207	-1,149	-1,199	-1,120	-1,211
Other	49	87	94	95	96
Total	93,773	97,940	102,515	99,268	103,402

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

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)**

South Carolina

Energy Source	2003	2004	2005	2006	2007
Geothermal	-	-	-	-	-
Hydro Conventional	3,665	2,447	2,938	1,807	1,556
Solar	-	-	-	-	-
Wind	-	-	-	-	-
Wood/Wood Waste	1,244	1,694	1,726	1,804	1,895
MSW Biogenic/Landfill Gas	52	69	88	106	101
Other Biomass	-	-	-	-	-
Total	4,961	4,210	4,752	3,717	3,552

- = 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."