

**Table 1. 2002 Summary Statistics**

Item	Value	U.S. Rank
<b>South Carolina</b>		
NERC Region(s).....		SERC
Primary Energy Source .....		Nuclear
Net Summer Capability (megawatts).....	20,363	16
Electric Utilities .....	19,101	12
Independent Power Producers & Combined Heat and Power .....	1,262	37
Net Generation (megawatthours).....	96,563,498	14
Electric Utilities .....	93,689,257	9
Independent Power Producers & Combined Heat and Power .....	2,874,241	38
Emissions (thousand short tons)		
Sulfur Dioxide.....	216	19
Nitrogen Oxide.....	92	22
Carbon Dioxide.....	40,105	26
Sulfur Dioxide/sq. mile.....	7	16
Nitrogen Oxide/sq. mile.....	3	16
Carbon Dioxide/sq. mile.....	1,332	21
Utility and ESP Retail Electricity Sales (megawatthours).....	77,819,392	17
Utility Retail Electricity Sales (megawatthours) .....	77,819,392	17
Direct Use (megawatthours).....	1,601,683	22
Average Retail Price (cents/kWh).....	5.83	37

See footnotes at end of tables.

**Table 2. Ten Largest Plants by Generating Capability, 2002**

Plant	Energy Sources	Operating Company	Net Capability (MW)
<b>South Carolina</b>			
1. Oconee .....	Nuclear	Duke Energy Corp	2,538
2. Catawba.....	Nuclear	Duke Energy Corp	2,258
3. Cross.....	Petroleum, Coal	South Carolina Pub Serv Auth	1,160
4. Winyah .....	Petroleum, Coal	South Carolina Pub Serv Auth	1,155
5. Bad Creek .....	Hydro	Duke Energy Corp	1,065
6. V C Sumner.....	Nuclear	South Carolina Electric&Gas Co	986
7. H B Robinson .....	Gas, Petroleum, Coal	Carolina Power & Light Co	899
8. Darlington County .....	Petroleum, Gas	Carolina Power & Light Co	812
9. Broad River Energy Ce.....	Gas	Broad River Energy LLC	802
10. John S Rainey .....	Gas	South Carolina Pub Serv Auth	744

See footnotes at end of tables.

**Table 3. Top Five Utilities Ranked by Retail Sales, 2002**  
(Megawatthours)

Utility	All Sectors	Residential	Commercial	Industrial	Other
<b>South Carolina</b>					
A. Duke Energy Corporation .....	21,378,725	5,877,145	5,044,924	10,411,519	45,137
B. South Carolina Electric&Gas Co .....	20,928,898	7,229,801	6,658,730	6,505,509	534,858
C. South Carolina Pub Serv Auth.....	11,156,755	1,395,584	1,719,639	7,970,307	71,225
D. Carolina Power & Light Company .....	7,103,316	2,122,401	1,703,543	3,186,442	90,930
E. Berkeley Electric Coop, Inc .....	1,373,745	1,042,397	123,432	153,241	54,675
Total .....	61,941,439	17,667,328	15,250,268	28,227,018	796,825
Percentage of Utility Sales.....	80	66	84	88	84

See footnotes at end of tables.

**Table 4. Electric Power Industry Generating Capability by Primary Energy Source, 1993, 1997, and 2002**  
(Megawatts)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
<b>South Carolina</b>							
Coal .....	4,812	5,794	5,925	2.3	29.0	32.5	29.1
Petroleum .....	287	671	669	9.9	1.7	3.8	3.3
Natural Gas .....	10	27	760	62.7	.1	.1	3.7
Other Gases .....	364	0	0	NM	2.2	.0	.0
Dual Fired .....	847	1,079	1,676	7.9	5.1	6.0	8.2
Nuclear .....	6,364	6,421	6,492	.2	38.4	36.0	31.9
Hydroelectric .....	3,448	3,439	3,579	.4	20.8	19.3	17.6
<b>Total Electric Utilities .....</b>	<b>16,131</b>	<b>17,431</b>	<b>19,101</b>	<b>1.9</b>	<b>97.3</b>	<b>97.7</b>	<b>93.8</b>
Coal .....	189	131	103	-6.5	1.1	.7	.5
Petroleum .....	1	1	3	11.0	.0	.0	.0
Natural Gas .....	1	1	399	89.2	.0	.0	2.0
Dual Fired .....	3	3	502	74.5	.0	.0	2.5
Hydroelectric .....	18	18	24	3.1	.1	.1	.1
Other Renewables .....	240	250	232	-4	1.4	1.4	1.1
<b>Total IPP's &amp; Combined Heat and Power .....</b>	<b>453</b>	<b>405</b>	<b>1,262</b>	<b>12.1</b>	<b>2.7</b>	<b>2.3</b>	<b>6.2</b>
Coal .....	5,001	5,925	6,028	2.1	30.2	33.2	29.6
Petroleum .....	288	672	672	9.9	1.7	3.8	3.3
Natural Gas .....	11	28	1,159	68.2	.1	.2	5.7
Other Gases .....	364	0	0	NM	2.2	.0	.0
Dual Fired .....	850	1,082	2,177	11.0	5.1	6.1	10.7
Nuclear .....	6,364	6,421	6,492	.2	38.4	36.0	31.9
Hydroelectric .....	3,466	3,458	3,603	.4	20.9	19.4	17.7
Other Renewables .....	240	250	232	-4	1.4	1.4	1.1
<b>Total Electric Industry .....</b>	<b>16,584</b>	<b>17,836</b>	<b>20,363</b>	<b>2.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

See footnotes at end of tables.

**Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1993, 1997, and 2002**  
(Megawatthours)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
<b>South Carolina</b>							
Coal .....	26,532,193	31,042,658	36,490,769	3.6	33.9	38.4	37.8
Petroleum .....	95,193	188,326	205,664	8.9	.1	.2	.2
Natural Gas .....	121,113	181,202	3,466,140	45.2	.2	.2	3.6
Nuclear .....	46,188,884	44,915,514	53,325,854	1.6	59.1	55.6	55.2
Hydroelectric .....	2,651,003	2,046,750	185,308	-25.6	3.4	2.5	.2
Other Renewables .....	0	0	15,522	NM	.0	.0	.0
<b>Total Electric Utilities .....</b>	<b>75,588,386</b>	<b>78,374,450</b>	<b>93,689,257</b>	<b>2.4</b>	<b>96.7</b>	<b>97.0</b>	<b>97.0</b>
Coal .....	707,766	531,716	456,953	-4.7	.9	.7	.5
Petroleum .....	107,045	175,679	94,673	-1.4	.1	.2	.1
Natural Gas .....	86,602	109,510	1,032,179	31.7	.1	.1	1.1
Other Gases .....	24,411	1,141	314	-38.4	.0	.0	.0
Hydroelectric .....	60,020	56,360	61,227	.2	.1	.1	.1
Other Renewables .....	1,593,086	1,574,159	1,228,895	-2.8	2.0	1.9	1.3
Other .....	7,517	5,045	0	NM	.0	.0	.0
<b>Total IPP's &amp; Combined Heat and Power .....</b>	<b>2,586,447</b>	<b>2,453,609</b>	<b>2,874,241</b>	<b>1.2</b>	<b>3.3</b>	<b>3.0</b>	<b>3.0</b>
Coal .....	27,239,959	31,574,374	36,947,722	3.4	34.8	39.1	38.3
Petroleum .....	202,238	364,005	300,337	4.5	.3	.5	.3
Natural Gas .....	207,715	290,712	4,498,319	40.7	.3	.4	4.7
Other Gases .....	24,411	1,141	314	-38.4	.0	.0	.0
Nuclear .....	46,188,884	44,915,514	53,325,854	1.6	59.1	55.6	55.2
Hydroelectric .....	2,711,023	2,103,110	246,535	-23.4	3.5	2.6	.3
Other Renewables .....	1,593,086	1,574,159	1,244,417	-2.7	2.0	1.9	1.3
Other .....	7,517	5,045	0	NM	.0	.0	.0
<b>Total Electric Industry .....</b>	<b>78,174,833</b>	<b>80,828,059</b>	<b>96,563,498</b>	<b>2.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

See footnotes at end of tables.

**Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1993, 1997, and 2002**

Fuel	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
<b>South Carolina</b>				
Coal (2002 cents per million Btu) .....	174.9	148.8	158.8	-1.1
Average heat value (Btu per pound) .....	12,802	12,855	12,361	-.4
Average sulfur Content(percent) .....	1.2	1.2	1.2	*
Petroleum (2002 cents per million Btu) .....	474.4	466.7	466.0	-.2
Average heat value (Btu per gallon) .....	138,144	138,068	144,638	.5
Average sulfur Content(percent) .....	.0	.0	1.2	NM
Gas (2002 cents per million Btu) .....	324.5	408.6	270.1	-2.0
Average heat value (Btu per cubic foot) .....	1,021	1,024	1,028	.1

See footnotes at end of tables.

**Table 7. Electric Power Industry Emissions Estimates, 1993, 1997, and 2002**  
(Thousand Short Tons)

Emission Type	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
<b>South Carolina</b>				
Sulfur Dioxide				
Coal .....	185	196	208	1.3
Petroleum .....	1	1	2	17.9
Gas .....	0	0	0	NM
Other .....	4	4	5	4.2
Total .....	189	201	216	1.5
Nitrogen Oxide				
Coal .....	92	106	88	-4
Petroleum .....	*	*	*	3.3
Gas .....	1	*	1	-2.4
Other .....	1	1	2	6.7
Total .....	94	107	92	-3
Carbon Dioxide				
Coal .....	27,680	32,072	37,527	3.4
Petroleum .....	198	376	338	6.1
Gas .....	169	235	2,240	33.2
Other .....	8	10	0	NM
Total .....	28,056	32,693	40,105	4.0

See footnotes at end of tables.

**Table 8. Retail Sales, Revenue, and Average Revenue per Kilowatthour by Sector, 1993, 1997, and 2001**

Sector	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
<b>South Carolina</b>							
Retail Sales (thousand megawatthours)							
Residential .....	20,687	21,611	26,787	2.9	33.6	31.5	34.4
Commercial .....	13,177	14,806	18,157	3.6	21.4	21.6	23.3
Industrial .....	26,867	31,278	31,926	1.9	43.7	45.6	41.0
Other .....	802	840	950	1.9	1.3	1.2	1.2
Total .....	61,533	68,534	77,819	2.6	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential .....	1,689	1,668	2,069	2.3	43.7	43.0	45.6
Commercial .....	914	963	1,177	2.9	23.6	24.8	25.9
Industrial .....	1,214	1,193	1,229	.1	31.4	30.8	27.1
Other .....	51	52	61	2.1	1.3	1.3	1.3
Total .....	3,868	3,875	4,537	1.8	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential .....	8.17	7.72	7.72	-6	NA	NA	NA
Commercial .....	6.93	6.50	6.48	-7	NA	NA	NA
Industrial .....	4.52	3.81	3.85	-1.8	NA	NA	NA
Other .....	6.32	6.21	6.44	.2	NA	NA	NA
Total .....	6.29	5.65	5.83	-8	NA	NA	NA

See footnotes at end of tables.

**Table 9. Utility Retail Sales Statistics, 2002**

Item	Investor-Owned	Public	Federal	Cooperative	Energy Service Providers	Total
<b>South Carolina</b>						
Number of Entities .....	2	26	0	19	0	47
Number of Retail Customers .....	560,167	982,091	0	602,562	0	2,144,820
Retail Sales (thousand megawatthours).....	21,135	43,779	0	12,906	0	77,819
Percentage of Retail Sales.....	27.16	56.26	.00	16.58	.00	100.00
Revenue from Retail Sales (million 2002 dollars) .....	1,305	2,308	0	923	0	4,537
Percentage of Revenue.....	28.77	50.88	.00	20.35	.00	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	6.18	5.27	.00	7.15	0	5.83

IPP = Independent Power Producer.

NA = Not available.

NM = Not meaningful.

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "\*\*".)