

Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Utility	Value	U.S. Rank
NERC Region(s)			SERC		
Net Exporter or Importer			Exporter		
Primary Generating Fuel			Nuclear		
Population (as of 7/98)	3,839,578	26	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	5.53	13	Coal-fired	23	
Industrial	3.69	10	Petroleum-fired	27	
Commercial	6.24	18	Gas-fired	12	
Residential	7.5	23	Nuclear	19	
			Hydroelectric	29	
Industry			Nonutility		
Capability (MW)	18,116	17	Capability (MW)	489	32
Generation (MWh)	87,244,314	18	Share of Capability (Percent) ...	2.7	40
Capability/person (KWe/person)	4.72	6	Generation (MWh)	2,847,417	30
Generation/person (MWh/person)	22.72	7	Share of Generation (Percent) ..	3.3	38
Emissions (Thousand Short Tons)					
Sulfur Dioxide	250	17			
Nitrogen Oxide	95	32			
Carbon Dioxide	34,473	28			
Sulfur Dioxide/sq. mile (Tons)	8.31	17			
Nitrogen Oxides/sq. mile (Tons)	3.15	23			
Carbon Dioxide/sq. mile (Tons)	1,144.85	23			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Oconee	Nuclear	Duke Power Co	2,538	25
2. Catawba	Nuclear	Duke Power Co	2,258	13
3. Cross	Coal	South Carolina Pub Serv Auth	1,160	14
4. Winyah	Coal	South Carolina Pub Serv Auth	1,155	23
5. Bad Creek	Hydro	Duke Power Co	1,065	7

Table 3. Top Five Utilities Ranked by Retail Sales Revenue Within the State, 1998
(Million Dollars)

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. South Carolina Electric&Gas Co	1,128	507	366	226	29
B. Duke Energy Corporation	1,070	361	264	442	4
C. Carolina Power & Light Company	415	148	103	158	6
D. South Carolina Pub Serv Auth	380	80	84	212	3
E. Berkeley Electric Coop, Inc	79	64	8	5	3
Total	3,072	1,160	825	1,042	45
Percentage of Utility Sales	77	66	81	89	82

Table 4. Electric Power Industry Generating Capability by Plant Type, 1988, 1993, and 1998
(Megawatts Electric)

Plant Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	14,819	16,131	17,627	1.8	96.9	97.3	97.3
Coal-fired	4,818	4,812	6,007	2.2	31.5	29.0	33.2
Petroleum-fired	289	287	307	0.6	1.9	1.7	1.7
Gas-fired	78	10	18	-13.6	0.5	0.1	0.1
Dual-fired	1,152	1,211	1,414	2.1	7.5	7.3	7.8
Nuclear	6,346	6,364	6,431	0.1	41.5	38.4	35.5
Hydroelectric	2,136	3,448	3,450	4.9	14.0	20.8	19.0
Total Nonutility	472	452	489	0.4	3.1	2.7	2.7
Industry	15,291	16,583	18,116	1.7	100.0	100.0	100.0

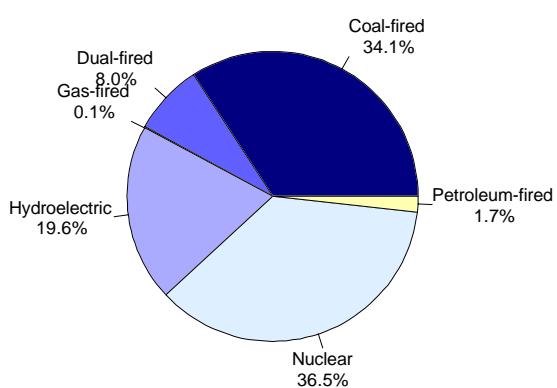
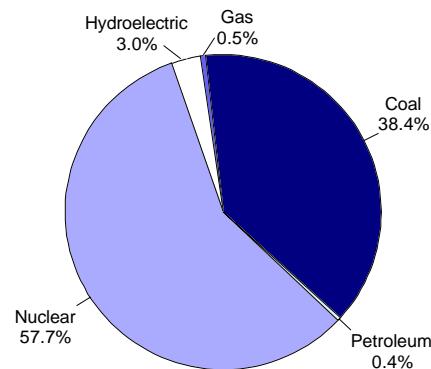
Figure 1. Utility Generating Capability by Plant Type, 1998**Figure 2. Utility Generation by Primary Energy Source, 1998**

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

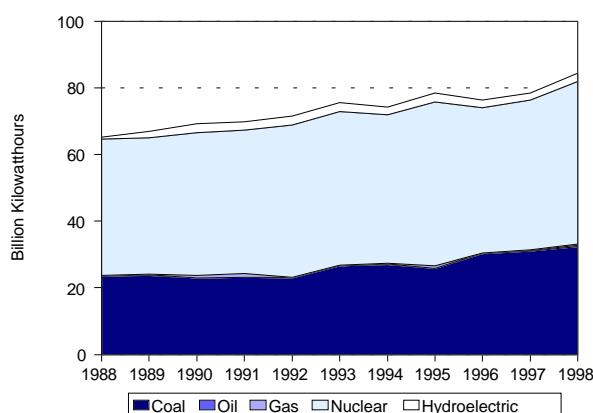
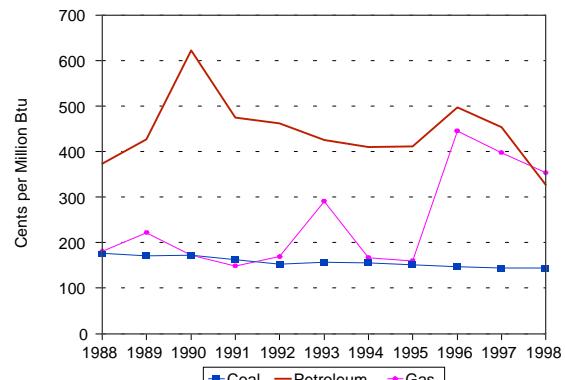
Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	65,182,721	75,588,386	84,396,897	2.6	96.9	96.7	96.7
Coal	23,484,617	26,532,193	32,377,814	3.3	34.9	33.9	37.1
Petroleum	95,599	95,193	331,357	13.2	0.1	0.1	0.4
Gas	226,158	121,113	414,900	6.3	0.3	0.2	0.5
Nuclear	40,745,548	46,188,884	48,759,447	1.8	60.6	59.1	55.9
Hydroelectric	630,798	2,651,003	2,513,379	14.8	0.9	3.4	2.9
Total Nonutility	2,067,745	2,586,447	2,847,417	3.3	3.1	3.3	3.3
Industry	67,250,466	78,174,833	87,244,314	2.6	100.0	100.0	100.0

Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988, 1993, and 1998
(Cents per Million Btu, 1998 Dollars)

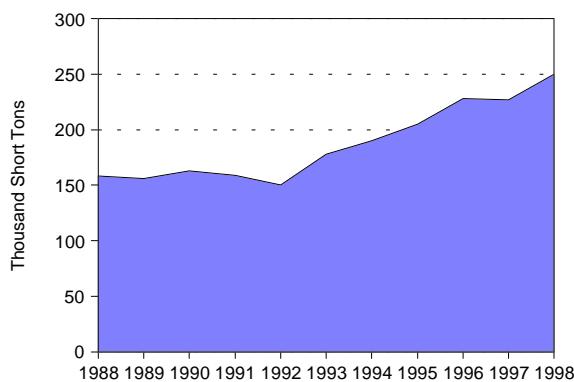
Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Coal	176.0	156.9	144.7	-1.9
Petroleum	373.6	425.5	327.6	-1.3
Gas	180.6	291.1	353.4	6.9

Table 7. Electric Power Industry Emissions Estimates, 1988, 1993, and 1998
(Thousand Short Tons)

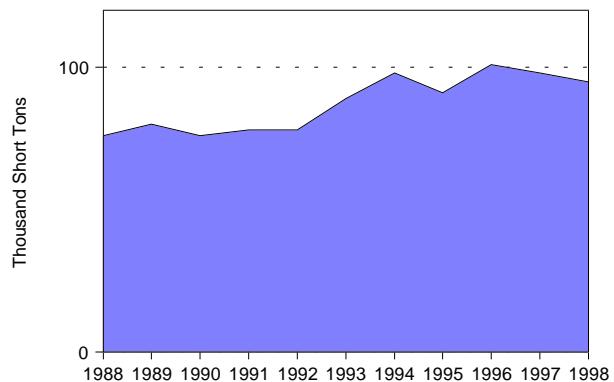
Emission Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Sulfur Dioxide	158	178	250	4.7
Nitrogen Oxides ^c	76	89	95	2.2
Carbon Dioxide ^c	23,668	26,979	34,473	3.8

Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998**Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998**
(1998 Dollars)

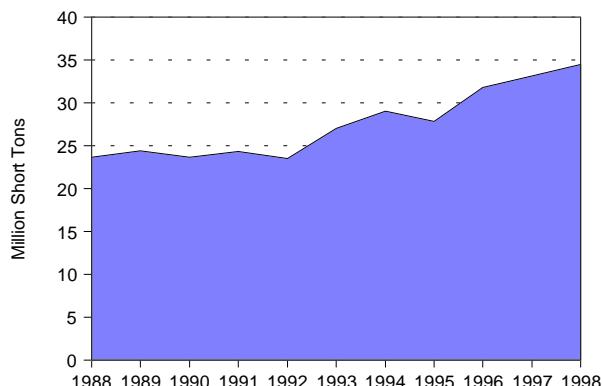
**Figure 5. Estimated Sulfur Dioxide Emissions,
1988-1998**



**Figure 6. Estimated Nitrogen Oxide Emissions,
1988-1998**

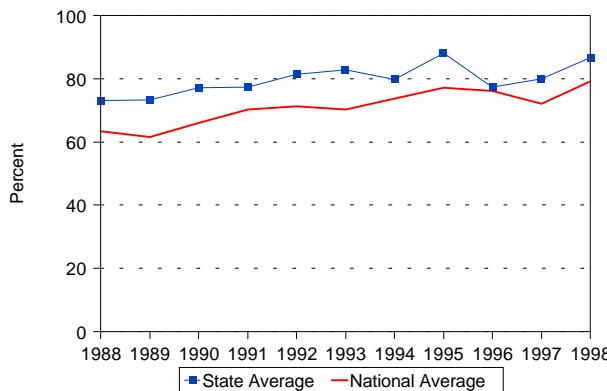


**Figure 7. Estimated Carbon Dioxide Emissions,
1988-1998**



**Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)**

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	17,171,662	20,686,869	23,558,044	3.2	32.5	33.6	32.5
Commercial . .	10,790,307	13,176,636	16,370,078	4.3	20.4	21.4	22.6
Industrial	24,112,571	26,866,871	31,605,580	2.7	45.7	43.7	43.6
Other	734,093	802,349	920,184	2.3	1.4	1.3	1.3
Total	52,808,635	61,532,725	72,453,886	3.2	100.0	100.0	100.0

Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998**Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998**

Item	Investor-Owned	Public	Federal	Cooperative	Total
1988					
Number of Utilities	4	22	--	21	47
Number of Retail Customers	949,666	223,391	--	398,628	1,571,685
Retail Sales (MWh)	36,713,990	9,935,217	--	6,159,428	52,808,635
Percentage of Retail Sales	69.5	18.8	--	11.7	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	2,616	573	--	551	3,741
Percentage of Revenue	69.9	15.3	--	14.7	100.0
1993					
Number of Utilities	4	22	--	21	47
Number of Retail Customers	1,037,709	236,090	--	465,554	1,739,353
Retail Sales (MWh)	42,508,333	10,476,564	--	8,547,828	61,532,725
Percentage of Retail Sales	69.1	17.0	--	13.9	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	2,613	549	--	660	3,823
Percentage of Revenue	68.4	14.4	--	17.3	100.0
1998					
Number of Utilities	4	22	--	21	47
Number of Retail Customers	1,142,041	279,119	--	548,507	1,969,667
Retail Sales (MWh)	47,788,808	13,407,678	--	11,257,400	72,453,886
Percentage of Retail Sales	66.0	18.5	--	15.5	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	2,624	627	--	757	4,008
Percentage of Revenue	65.5	15.6	--	18.9	100.0