

Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)		SPP/MAIN/SERC	Utility		
Net Exporter or Importer		Exporter	Capability (MW)	16,282	17
Primary Generating Fuel		Coal	Generation (MWh)	74,894,188	19
Population (as of 7/98)	5,437,562		16 Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	6.08		26 Coal-fired		27
Industrial	4.43		28 Petroleum-fired		22
Commercial	5.99		15 Gas-fired		18
Residential	7.08		18 Nuclear		14
			Hydroelectric		37
Industry			Nonutility		
Capability (MW)	16,389	19	Capability (MW)	107	45
Generation (MWh)	75,192,842	20	Share of Capability (Percent) ...	0.7	47
Capability/person (KWe/person)	3.01	28	Generation (MWh)	298,654	46
Generation/person (MWh/person)	13.83	25	Share of Generation (Percent) ..	0.4	47
Emissions (Thousand Short Tons)					
Sulfur Dioxide	265				
Nitrogen Oxide	269				
Carbon Dioxide	71,031				
Sulfur Dioxide/sq. mile (Tons)	3.85				
Nitrogen Oxides/sq. mile (Tons)	3.9				
Carbon Dioxide/sq. mile (Tons)	1,030.96				

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Labadie	Coal	Union Electric Co	2,300	28
2. Rush Island	Coal	Union Electric Co	1,166	22
3. New Madrid	Coal	Associated Electric Coop Inc	1,160	26
4. Callaway	Nuclear	Union Electric Co	1,143	14
5. Thomas Hill	Coal	Associated Electric Coop Inc	1,120	32

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. Union Electric Company	1,899	838	727	322	12
B. Kansas City Power & Light Co	524	179	247	96	3
C. UtiliCorp United, Inc	290	154	82	30	23
D. Empire District Electric Co	192	89	65	33	5
E. City of Springfield	117	45	55	17	--
Total	3,022	1,306	1,177	497	43
Percentage of Utility Sales	72	65	82	71	67

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	14,999	15,433	16,282	0.8	99.3	99.3	99.3
Coal-fired	10,627	10,795	10,943	0.3	70.3	69.5	66.8
Petroleum-fired	1,295	1,401	1,069	-1.9	8.6	9.0	6.5
Gas-fired	215	192	449	7.7	1.4	1.2	2.7
Dual-fired	683	809	1,478	8.0	4.5	5.2	9.0
Nuclear	1,118	1,125	1,143	0.2	7.4	7.2	7.0
Hydroelectric	1,062	1,110	1,200	1.2	7.0	7.1	7.3
Total Nonutility	111	111	107	-0.3	0.7	0.7	0.7
Industry	15,110	15,544	16,389	0.8	100.0	100.0	100.0

Figure 1. Utility Generating Capability by Primary Energy Source, 1998

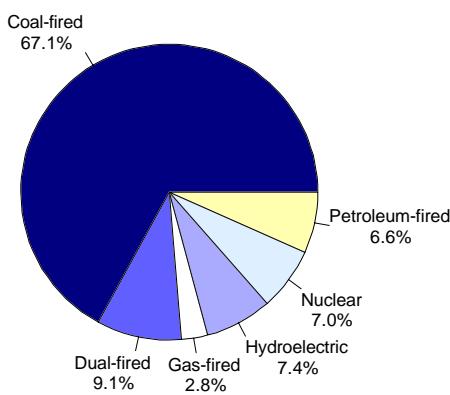


Figure 2. Utility Generation by Primary Energy Source, 1998

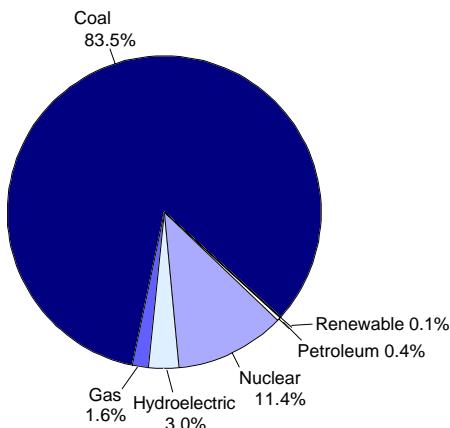


Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	59,739,728	53,202,268	74,894,188	2.3	99.4	99.3	99.6
Coal	49,050,944	40,688,696	62,488,551	2.5	81.6	76.0	83.1
Petroleum	131,178	634,432	309,734	9.0	0.2	1.2	0.4
Gas	111,898	386,378	1,232,461	27.1	0.2	0.7	1.6
Nuclear	8,935,158	8,381,333	8,516,773	-0.5	14.9	15.6	11.3
Hydroelectric	1,510,550	3,110,176	2,268,882	4.2	2.5	5.8	3.0
Renewable	--	1,253	77,787	0.0	--	*	0.1
Total Nonutility	339,390	353,735	298,654	-1.3	0.6	0.7	0.4
Industry	60,079,118	53,556,003	75,192,842	2.3	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	138.2	123.8	91.7	-4.0
Petroleum	237.0	298.8	275.0	1.5
Gas	277.0	231.8	223.4	-2.1

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	824	464	265	-10.7
Nitrogen Oxides ^c	261	202	269	0.3
Carbon Dioxide ^c	51,869	45,321	71,031	3.1

Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998

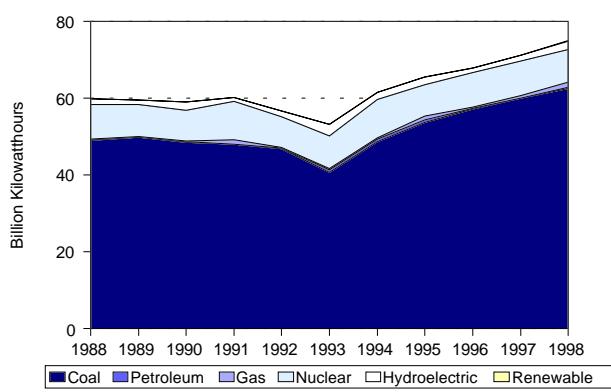
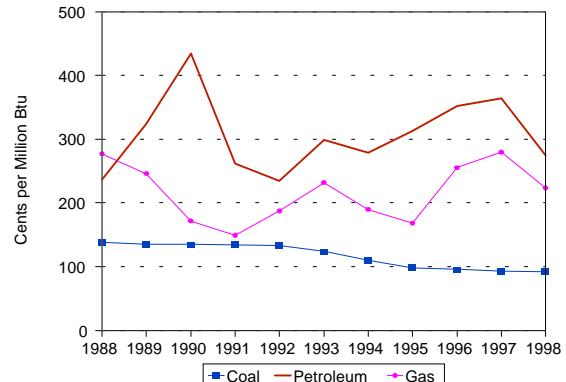
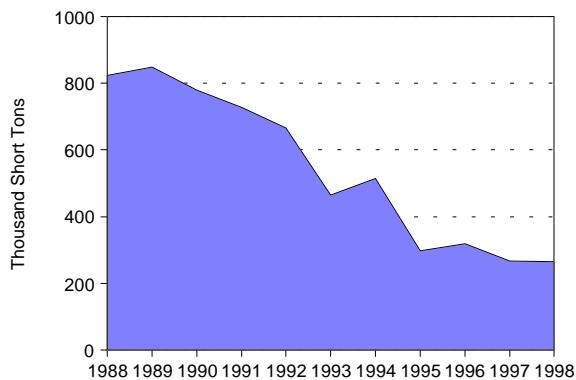


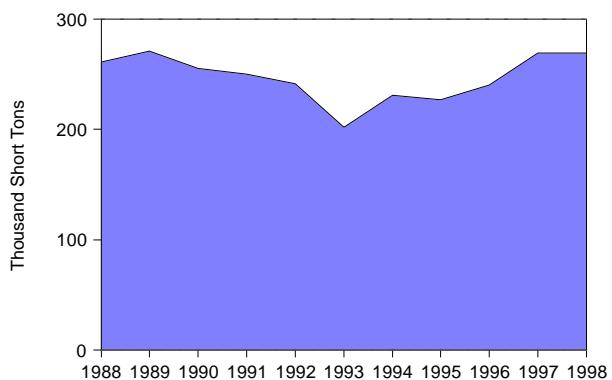
Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998
(1998 Dollars)



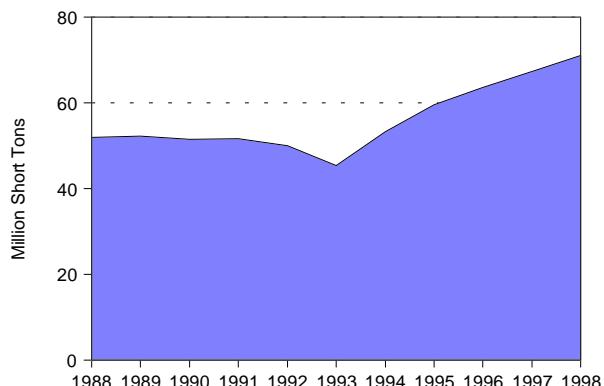
**Figure 5. Estimated Sulfur Dioxide Emissions,
1988-1998**



**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 . . .	21,347,741	24,182,047	28,264,507	2.8	40.9	41.3	41.0
Commercial . . .	17,541,210	19,914,076	23,896,071	3.1	33.6	34.0	34.6
Industrial	12,556,109	13,617,994	15,800,878	2.3	24.0	23.2	22.9
Other	802,000	907,952	1,024,107	2.5	1.5	1.5	1.5
Total	52,247,052	58,622,069	68,985,563	2.8	100.0	100.0	100.0

Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998

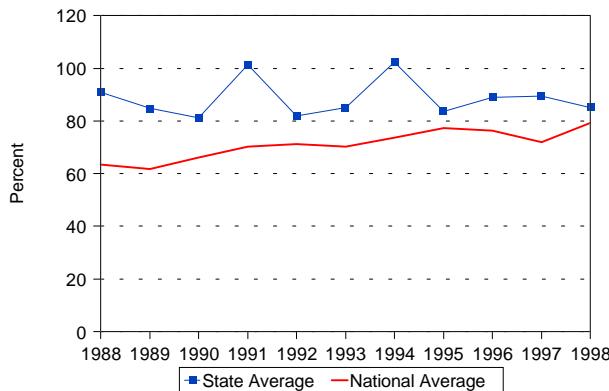


Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998

Item	Investor-Owned	Public	Federal	Cooperative	Total
1988					
Number of Utilities	6	90	--	45	141
Number of Retail Customers	1,559,810	328,177	--	471,877	2,359,864
Retail Sales (MWh)	37,765,032	6,517,585	--	7,964,435	52,247,052
Percentage of Retail Sales	72.3	12.5	--	15.2	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	3,189	468	--	617	4,274
Percentage of Revenue	74.6	11.0	--	14.4	100.0
1993					
Number of Utilities	5	89	--	45	139
Number of Retail Customers	1,638,589	345,484	--	522,714	2,506,787
Retail Sales (MWh)	41,488,629	7,701,514	--	9,431,926	58,622,069
Percentage of Retail Sales	70.8	13.1	--	16.1	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	2,952	478	--	654	4,084
Percentage of Revenue	72.3	11.7	--	16.0	100.0
1998					
Number of Utilities	5	88	--	44	137
Number of Retail Customers	1,730,006	373,719	--	595,063	2,698,788
Retail Sales (MWh)	48,149,839	9,359,754	--	11,475,970	68,985,563
Percentage of Retail Sales	69.8	13.6	--	16.6	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	2,993	522	--	680	4,195
Percentage of Revenue	71.3	12.4	--	16.2	100.0