**Table 1. 1998 Summary Statistics**

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)		SPP	Utility		
Net Exporter or Importer		Exporter	Capability (MW)	9,915	27
Primary Generating Fuel		Coal	Generation (MWh)	41,480,827	29
Population (as of 7/98)	2,638,667	32	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	6.28	28	Coal-fired	23	
Industrial	4.46	31	Petroleum-fired	25	
Commercial	6.34	21	Gas-fired	31	
Residential	7.65	27	Nuclear	13	
Industry			Nonutility		
Capability (MW)	9,965	30	Capability (MW)	49	47
Generation (MWh)	41,585,227	31	Share of Capability (Percent) ...	0.5	48
Capability/person (KWe/person)	3.78	14	Generation (MWh)	104,400	48
Generation/person (MWh/person)	15.76	22	Share of Generation (Percent) ..	0.3	49
Emissions (Thousand Short Tons)					
Sulfur Dioxide	98	26			
Nitrogen Oxide	129	24			
Carbon Dioxide	34,069	30			
Sulfur Dioxide/sq. mile (Tons)	1.2	33			
Nitrogen Oxides/sq. mile (Tons)	1.57	34			
Carbon Dioxide/sq. mile (Tons)	416.37	37			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Jeffrey EC	Coal	KPL Western Resources Co	2,214	20
2. Lacygne	Coal	Kansas City Power & Light Co	1,362	25
3. Wolf Creek	Nuclear	Wolf Creek Nuclear Oper Corp	1,164	13
4. Lawrence EC	Coal	KPL Western Resources Co	598	46
5. Gordon Evans EC	Gas	Kansas Gas & Electric Co	534	37

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. Kansas Gas & Electric Company	581	238	170	167	6
B. Western Resources, Inc	472	191	186	90	4
C. Kansas City Power & Light Co	329	155	145	24	5
D. Board of Public Utilities	117	36	47	31	3
E. UtiliCorp United, Inc	107	39	39	27	2
Total	1,605	659	588	339	20
Percentage of Utility Sales	75	73	77	78	53

**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	9,507	9,706	9,915	0.4	99.5	99.5	99.5
Coal-fired	5,010	5,189	5,407	0.8	52.5	53.2	54.3
Petroleum-fired	290	317	214	-3.0	3.0	3.2	2.1
Gas-fired	78	291	376	17.0	0.8	3.0	3.8
Dual-fired	2,998	2,775	2,754	-0.8	31.4	28.5	27.6
Nuclear	1,128	1,134	1,164	0.3	11.8	11.6	11.7
Hydroelectric	2	--	--	-100.0	*	--	--
Renewable	*	*	--	-100.0	*	*	--
Total Nonutility	44	44	49	1.0	0.5	0.5	0.5
Industry	9,552	9,750	9,965	0.4	100.0	100.0	100.0

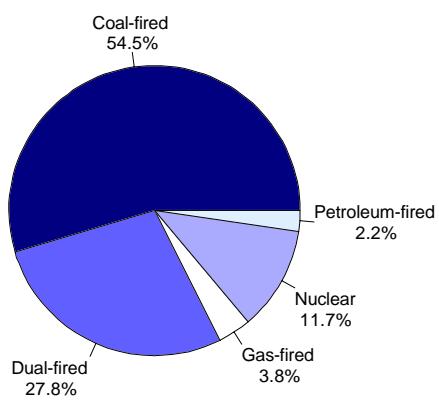
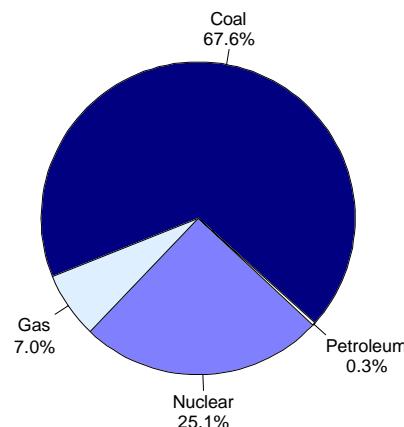
Figure 1. Utility Generating Capability by Plant Type, 1998**Figure 2. Utility Generation by Primary Energy Source, 1998**

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	31,385,362	36,432,577	41,480,827	2.8	99.0	99.2	99.7
Coal	23,088,642	26,799,665	28,023,687	2.0	72.8	72.9	67.4
Petroleum	146,530	76,463	122,143	-1.8	0.5	0.2	0.3
Gas	1,488,597	1,656,848	2,924,279	7.0	4.7	4.5	7.0
Nuclear	6,649,977	7,899,543	10,410,718	4.6	21.0	21.5	25.0
Hydroelectric	11,523	--	--	-100.0	*	--	--
Renewable	94	58	--	-100.0	*	*	--
Total Nonutility	329,555	309,990	104,400	-10.9	1.0	0.8	0.3
Industry	31,714,917	36,742,567	41,585,227	2.7	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	123.9	102.2	98.1	-2.3
Petroleum	318.6	402.4	265.5	-1.8
Gas	206.0	232.0	213.7	0.4

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	112	70	98	-1.3
Nitrogen Oxides ^c	115	119	129	1.1
Carbon Dioxide ^c	28,455	32,649	34,069	1.7

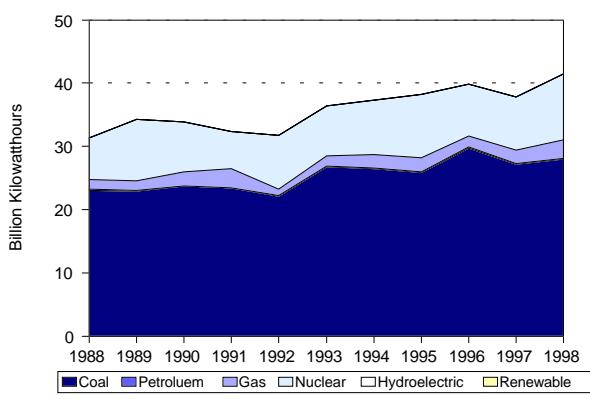
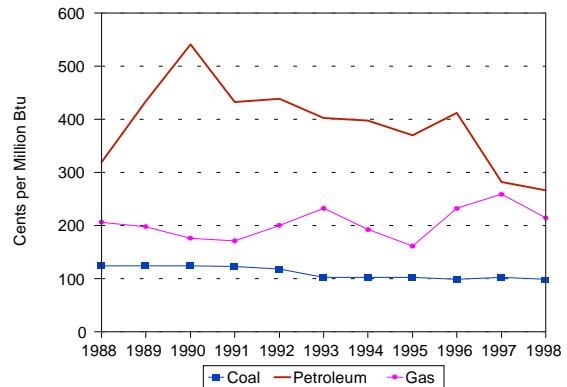
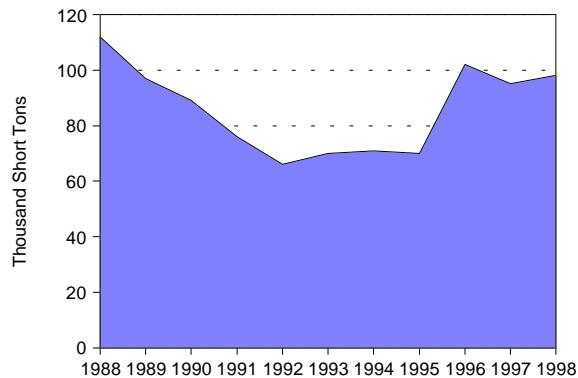
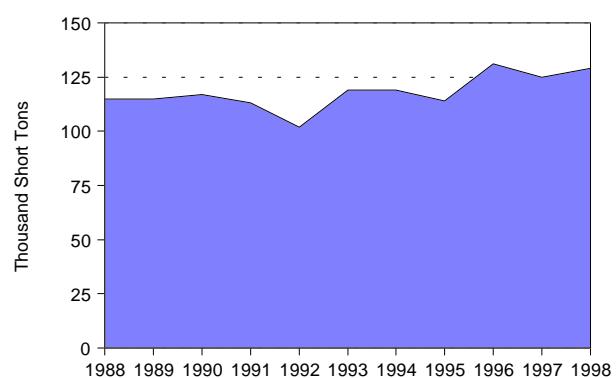
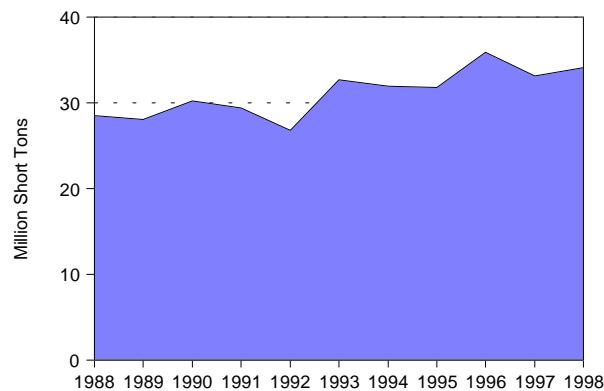
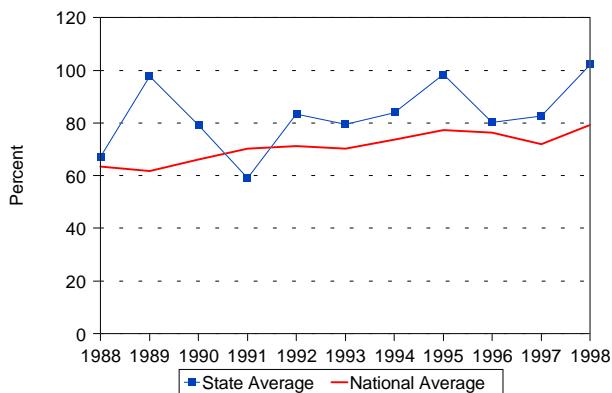
Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998**Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998**
(1998 Dollars)

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 . . .	9,120,965	9,986,318	11,831,973	2.6	35.3	34.7	34.7
Commercial . .	8,583,051	9,753,228	12,073,058	3.5	33.2	33.9	35.4
Industrial	7,707,657	8,702,319	9,761,952	2.4	29.8	30.2	28.6
Other	417,025	366,520	473,193	1.3	1.6	1.3	1.4
Total	25,828,692	28,808,385	34,140,176	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	121	--	35	162
Number of Retail Customers	773,994	224,719	--	172,264	1,170,977
Retail Sales (MWh)	18,524,766	4,556,271	--	2,747,655	25,828,692
Percentage of Retail Sales	71.7	17.6	--	10.6	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,503	341	--	297	2,141
Percentage of Revenue	70.2	15.9	--	13.9	100.0
1993					
Number of Utilities	6	121	--	33	160
Number of Retail Customers	830,176	226,337	--	179,810	1,236,323
Retail Sales (MWh)	21,019,088	4,871,294	--	2,918,003	28,808,385
Percentage of Retail Sales	73	16.9	--	10.1	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,488	325	--	281	2,094
Percentage of Revenue	71.1	15.5	--	13.4	100.0
1998					
Number of Utilities	6	119	--	32	157
Number of Retail Customers	890,968	233,056	--	190,907	1,314,931
Retail Sales (MWh)	24,799,250	5,742,510	--	3,598,416	34,140,176
Percentage of Retail Sales	72.6	16.8	--	10.5	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,503	343	--	299	2,145
Percentage of Revenue	70.1	16.0	--	13.9	100.0