

Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)		WSCC/MAPP	Utility		
Net Exporter or Importer		Exporter	Capacity (MW)	5,811	34
Primary Generating Fuel		Coal	Generation (MWh)	28,720,209	37
Population (as of 7/98)	1,660,772	38	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	5.30	9	Coal-fired	23	
Industrial	3.60	8	Petroleum-fired	21	
Commercial	5.45	6	Gas-fired	27	
Residential	6.46	8	Nuclear	24	
Industry			Hydroelectric	50	
Capacity (MW)	5,827	37	Nonutility		
Generation (MWh)	28,796,791	39	Capacity (MW)	17	49
Capacity/person			Share of Capacity (Percent) . . .	0.3	49
(KWe/person)	3.51	17	Generation (MWh)	76,582	49
Generation/person			Share of Generation (Percent) . .	0.3	48
(MWh/person)	17.34	17			
Emissions (Thousand Short Tons)					
Sulfur Dioxide	56	34			
Nitrogen Oxide	95	31			
Carbon Dioxide	21,242	36			
Sulfur Dioxide/sq. mile (Tons)	0.73	40			
Nitrogen Oxides/sq. mile (Tons)	1.24	39			
Carbon Dioxide/sq. mile (Tons)	276.31	41			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Gentleman	Coal	Nebraska Public Power District	1,365	19
2. Cooper	Nuclear	Nebraska Public Power District	769	24
3. North Omaha	Coal	Omaha Public Power District	663	44
4. Nebraska City	Coal	Omaha Public Power District	619	19
5. Fort Calhoun	Nuclear	Omaha Public Power District	476	25

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. Omaha Public Power District	446	192	160	80	14
B. Nebraska Public Power District	168	73	51	32	12
C. Lincoln Electric System	132	57	42	21	12
D. Loup River Public Power Dist	32	10	6	14	2
E. Grand Island Electric Dept	28	10	7	10	*
Total	805	341	266	157	41
Percentage of Utility Sales	66	65	74	63	44

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	5,421	5,512	5,811	0.7	100.0	100.0	100.0
Coal-fired	2,890	3,103	3,169	0.9	53.3	56.3	54.5
Petroleum-fired	363	304	283	-2.4	6.7	5.5	4.9
Gas-fired	136	9	2	-35.0	2.5	0.2	0.0
Dual-fired	610	674	945	4.5	11.2	12.2	16.3
Nuclear	1,254	1,254	1,245	-0.1	23.1	22.8	21.4
Hydroelectric	169	168	167	-0.2	3.1	3.0	2.9
Total Nonutility	W	W	17	7.3	--	--	--
Industry	W	W	5,827	0.7	--	--	--

Figure 1. Utility Generating Capability by Plant Type, 1998

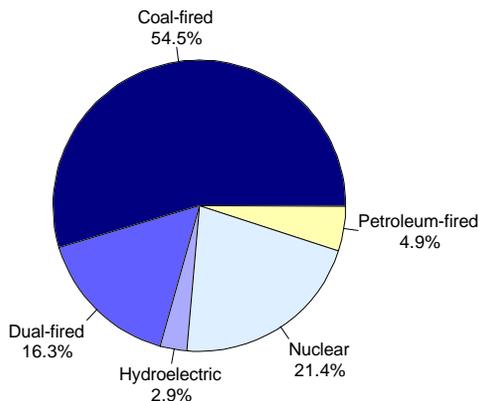


Figure 2. Utility Generation by Primary Energy Source, 1998

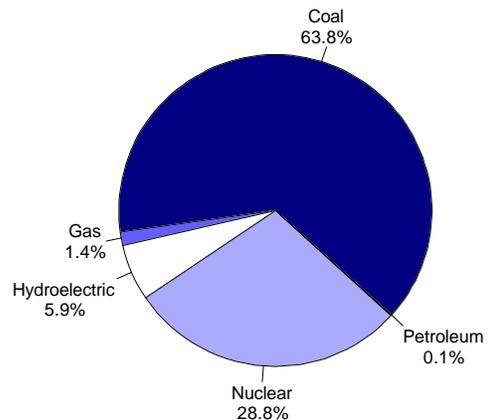


Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	20,635,246	22,724,286	28,720,209	3.4	100.0	100.0	100.0
Coal	12,225,081	14,739,783	18,335,965	4.1	59.2	64.9	63.8
Petroleum	68,888	19,035	41,892	-4.9	0.3	0.1	0.1
Gas	163,029	152,922	400,008	9.4	0.8	0.7	1.4
Nuclear	6,828,027	6,805,133	8,258,803	1.9	33.1	29.9	28.8
Hydroelectric	1,350,221	1,001,663	1,682,834	2.2	6.5	4.4	5.9
Renewable	--	5,750	707	0.0	--	*	*
Total Nonutility	W	W	76,582	16.4	--	--	--
Industry	W	W	28,796,791	3.4	--	--	--

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	84.1	75.5	58.6	-3.5
Petroleum	241.7	420.1	354.5	3.9
Gas	268.6	272.7	242.7	-1.0

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	50	58	56	1.2
Nitrogen Oxides ^c	72	76	95	2.8
Carbon Dioxide ^c	14,223	16,772	21,242	4.1

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

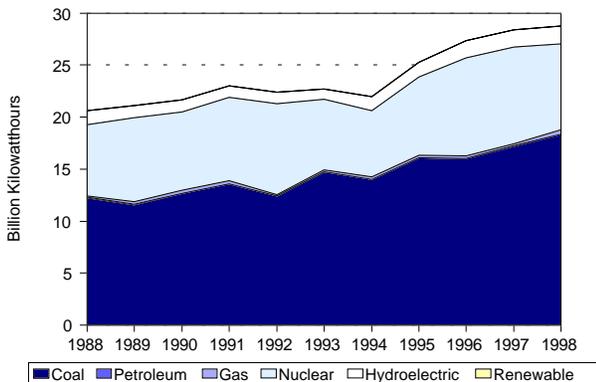


Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998
(1998 Dollars)

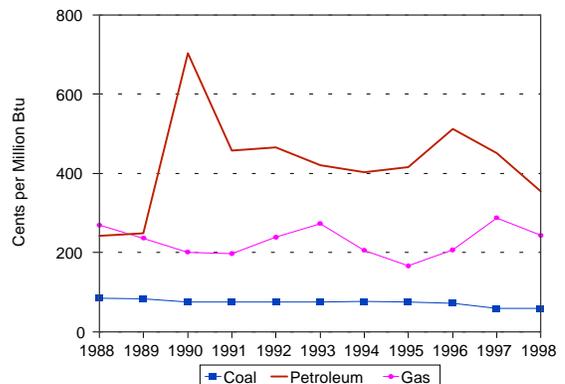


Figure 5. Estimated Sulfur Dioxide Emissions, 1988-1998

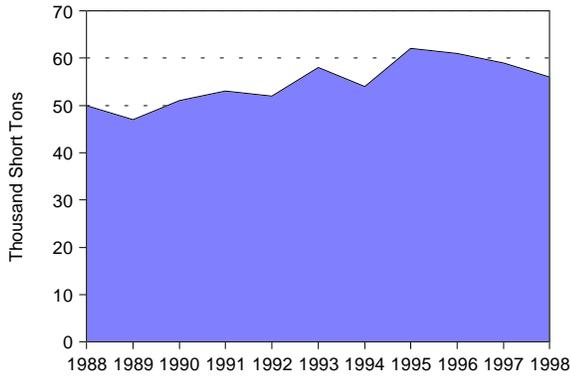


Figure 6. Estimated Nitrogen Oxide Emissions, 1988-1998

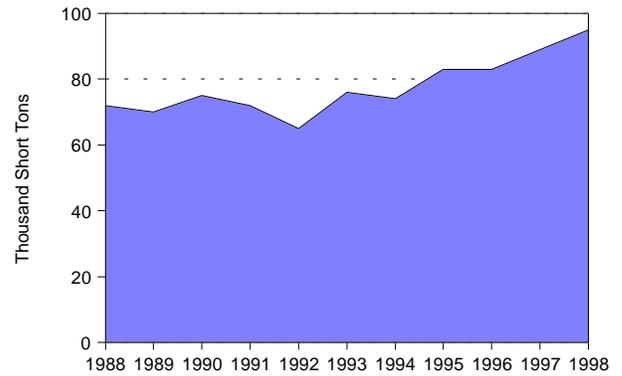


Figure 7. Estimated Carbon Dioxide Emissions, 1988-1998

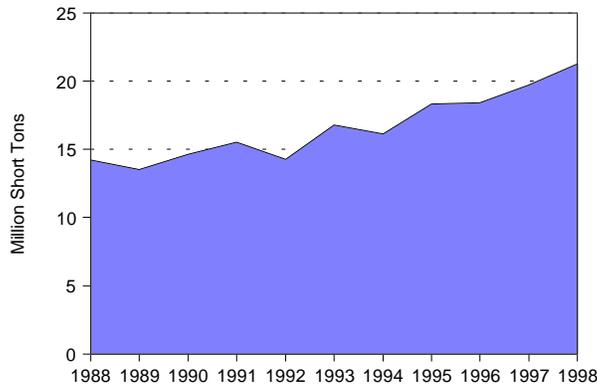


Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	6,813,221	7,226,029	8,160,194	1.8	39.5	38.5	35.3
Commercial . .	4,995,573	5,471,340	6,594,284	2.8	28.9	29.2	28.5
Industrial	4,103,712	4,962,540	6,915,665	5.4	23.8	26.5	29.9
Other	1,346,119	1,089,132	1,474,754	0.9	7.8	5.8	6.4
Total	17,258,629	18,749,041	23,144,897	3.0	100.0	100.0	100.0

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

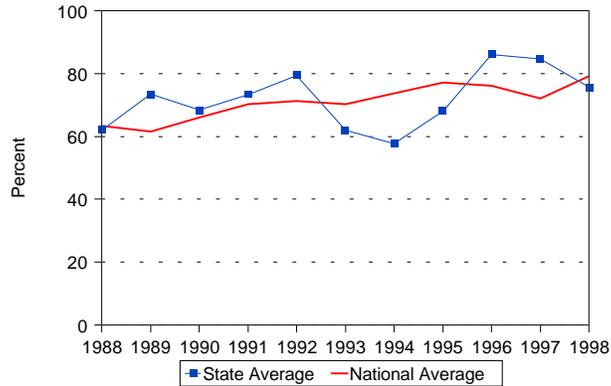


Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998

Item	Investor-Owned	Public	Federal	Cooperative	Total
	1988				
Number of Utilities	--	154	1	11	166
Number of Retail Customers	--	767,939	14	18,261	786,214
Retail Sales (MWh)	--	16,653,510	161,980	443,139	17,258,629
Percentage of Retail Sales	--	96.5	0.9	2.6	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	--	1,117	1	40	1,159
Percentage of Revenue	--	96.4	0.1	3.5	100.0
1993					
Number of Utilities	--	152	1	10	163
Number of Retail Customers	--	804,057	13	19,205	823,275
Retail Sales (MWh)	--	18,211,629	141,050	396,362	18,749,041
Percentage of Retail Sales	--	97.1	0.8	2.1	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	--	1,108	2	33	1,144
Percentage of Revenue	--	96.9	0.2	2.9	100.0
1998					
Number of Utilities	--	151	1	10	162
Number of Retail Customers	--	854,025	12	20,349	874,386
Retail Sales (MWh)	--	22,486,501	143,281	515,115	23,144,897
Percentage of Retail Sales	--	97.2	0.6	2.2	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	--	1,188	2	38	1,227
Percentage of Revenue	--	96.8	0.2	3.1	100.0