

Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)		WSCC	Utility		
Net Exporter or Importer		Importer	Capability (MW)	6,937	32
Primary Generating Fuel		Coal	Generation (MWh)	35,471,294	32
Population (as of 7/98)	3,968,967	24	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	5.95	22	Coal-fired	24	
Industrial	4.34	26	Petroleum-fired	25	
Commercial	5.67	10	Gas-fired	25	
Residential	7.45	22	Hydroelectric	31	
Industry			Nonutility		
Capability (MW)	7,613	32	Capability (MW)	676	27
Generation (MWh)	38,851,092	32	Share of Capability (Percent)	8.9	21
Capability/person			Generation (MWh)	3,379,798	28
(KWe/person)	1.92	46	Share of Generation (Percent)	8.7	21
Generation/person					
(MWh/person)	9.79	39			
Emissions (Thousand Short Tons)					
Sulfur Dioxide	94	28			
Nitrogen Oxide	135	21			
Carbon Dioxide	38,142	23			
Sulfur Dioxide/sq. mile (Tons)	0.91	38			
Nitrogen Oxides/sq. mile (Tons)	1.3	37			
Carbon Dioxide/sq. mile (Tons)	367.7	38			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. Craig	Coal	Tri-State G & T Assn Inc	1,264	19
2. Cherokee	Coal	Public Service Co of Colorado	723	41
3. Comanche	Coal	Public Service Co of Colorado	660	25
4. Pawnee	Coal	Public Service Co of Colorado	495	17
5. Hayden	Coal	Public Service Co of Colorado	446	33

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. Public Service Co of Colorado	1,344	514	592	208	30
B. Colorado Springs Utilities	200	71	54	66	9
C. Intermountain Rural Elec Assn	88	60	24	4	1
D. UtiliCorp United, Inc	86	35	31	16	4
E. Fort Collins Utilities	55	20	21	13	*
Total	1,773	700	722	307	43
Percentage of Utility Sales	75	74	80	71	57

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	7,048	6,648	6,937	-0.2	95.5	95.3	91.1
Coal-fired	4,965	4,950	4,963	0.0	67.3	71.0	65.2
Petroleum-fired	336	141	142	-8.2	4.6	2.0	1.9
Gas-fired	8	1	230	39.9	0.1	*	3.0
Dual-fired	467	459	426	-0.9	6.3	6.6	5.6
Nuclear	217	--	--	-100.0	2.9	--	--
Hydroelectric	1,055	1,098	1,176	1.1	14.3	15.7	15.5
Total Nonutility	329	326	676	7.5	4.5	4.7	8.9
Industry	7,377	6,974	7,613	0.3	100.0	100.0	100.0

Figure 1. Utility Generating Capability by Plant Type, 1998

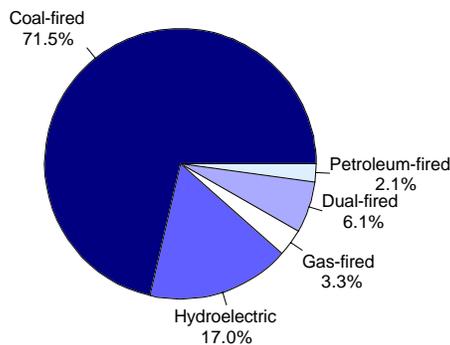


Figure 2. Utility Generation by Primary Energy Source, 1998

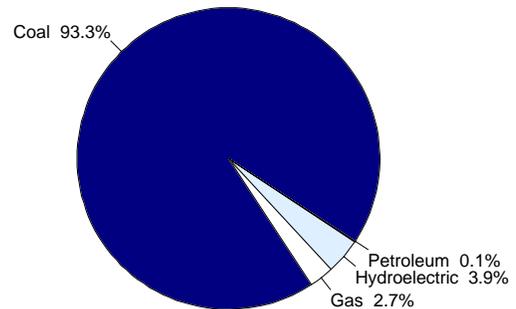


Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	30,894,941	32,687,317	35,471,294	1.4	95.6	95.5	91.3
Coal	27,800,715	30,456,351	33,079,201	1.8	86.1	89.0	85.1
Petroleum	38,762	8,898	36,736	-0.5	0.1	*	0.1
Gas	648,805	364,237	963,657	4.0	2.0	1.1	2.5
Nuclear	659,680	--	--	-100.0	2.0	--	--
Hydroelectric	1,744,489	1,857,831	1,391,700	-2.2	5.4	5.4	3.6
Renewable	2,490	--	--	-100.0	*	--	--
Total Nonutility	1,410,086	1,544,413	3,379,798	9.1	4.4	4.5	8.7
Industry	32,305,027	34,231,731	38,851,092	1.9	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	106.6	109.2	98.7	-0.8
Petroleum	384.8	480.6	--	-100.0
Gas	228.7	250.1	300.3	2.8

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	84	85	94	1.2
Nitrogen Oxides ^c	137	130	135	-0.1
Carbon Dioxide ^c	30,903	33,476	38,142	2.2

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

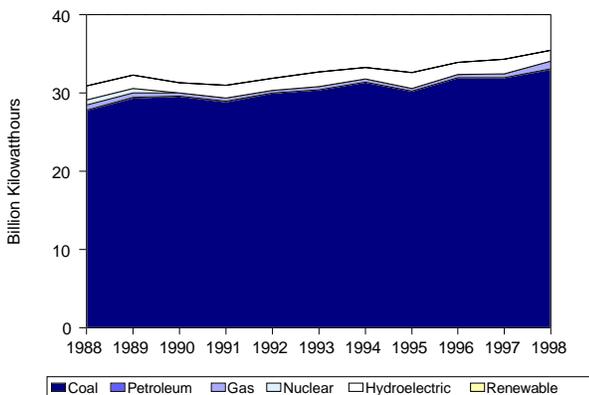


Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998
(1998 Dollars)

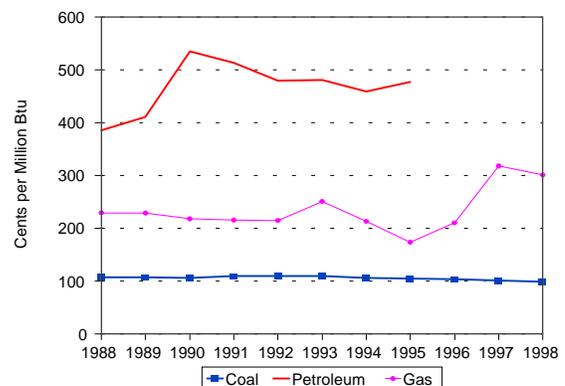


Figure 5. Estimated Sulfur Dioxide Emissions, 1988-1998

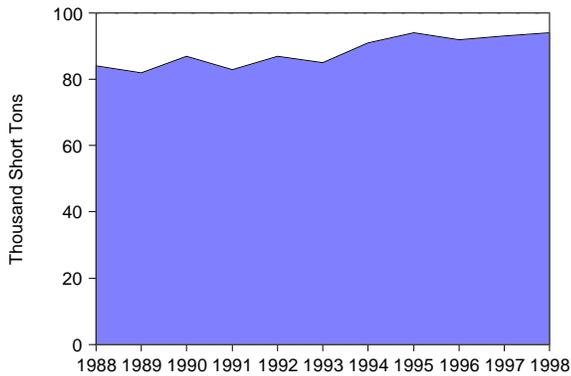


Figure 6. Estimated Nitrogen Oxide Emissions, 1988-1998

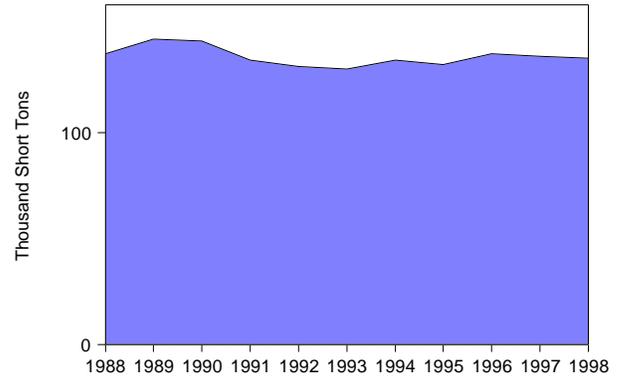


Figure 7. Estimated Carbon Dioxide Emissions, 1988-1998

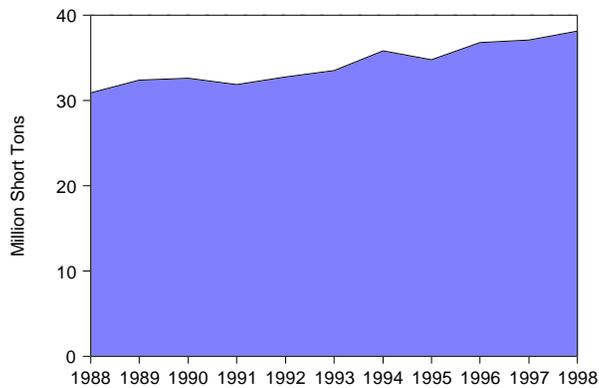


Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	9,550,543	10,655,734	12,651,635	2.8	32.6	32.3	32.0
Commercial . .	12,682,683	14,422,396	15,959,287	2.3	43.2	43.8	40.3
Industrial . . .	6,295,433	7,024,007	9,998,404	4.7	21.5	21.3	25.3
Other	806,317	855,666	965,111	1.8	2.8	2.6	2.4
Total	29,334,976	32,957,803	39,574,437	3.0	100.0	100.0	100.0

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

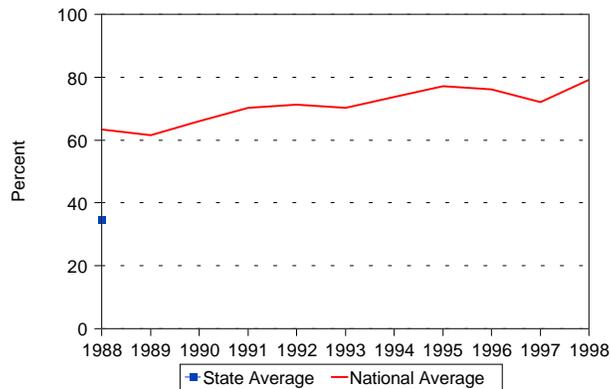


Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998

Item	Investor-Owned	Public	Federal	Cooperative	Total
	1988				
Number of Utilities	2	29	1	26	58
Number of Retail Customers	1,009,950	277,202	16	284,722	1,571,890
Retail Sales (MWh)	18,896,577	4,861,605	31,661	5,545,133	29,334,976
Percentage of Retail Sales	64.4	16.6	0.1	18.9	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,394	323	1	473	2,191
Percentage of Revenue	63.6	14.7	0.1	21.6	100.0
1993					
Number of Utilities	2	29	1	26	58
Number of Retail Customers	1,090,268	295,738	15	324,044	1,710,065
Retail Sales (MWh)	20,729,877	5,620,801	81,698	6,525,427	32,957,803
Percentage of Retail Sales	62.9	17.1	0.2	19.8	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,367	326	1	501	2,196
Percentage of Revenue	62.3	14.8	0.1	22.8	100.0
1998					
Number of Utilities	2	29	1	28	60
Number of Retail Customers	1,241,764	334,365	12	411,355	1,987,496
Retail Sales (MWh)	24,063,143	7,001,669	83,852	8,425,773	39,574,437
Percentage of Retail Sales	60.8	17.7	0.2	21.3	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,430	375	1	550	2,357
Percentage of Revenue	60.7	15.9	0.1	23.4	100.0