**Table 1. 1998 Summary Statistics**

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s) .....			WSCC		
Net Exporter or Importer .....			Exporter		
Primary Generating Fuel .....			Coal		
Population (as of 7/98) .....	2,100,562	34	Capability (MW) .....	5,077	38
Average Electricity Price (cents/kWh) <sup>a</sup> .....	5.16	8	Generation (MWh) .....	35,160,477	33
Industrial .....	3.45	6	Average Age of Plants (years)		
Commercial .....	5.71	11	Coal-fired .....	17	
Residential .....	6.84	12	Petroleum-fired .....	18	
<b>Industry</b>			Gas-fired .....	40	
Capability (MW) .....	5,206	39	Hydroelectric .....	41	
Generation (MWh) .....	35,910,429	34	Renewable .....	13	
Capability/person (KWe/person) .....	2.48	34	<b>Nonutility</b>		
Generation/person (MWh/person) .....	17.1	18	Capability (MW) .....	130	43
Emissions (Thousand Short Tons)			Share of Capability (Percent) ...	2.5	41
Sulfur Dioxide .....	30	40	Generation (MWh) .....	749,952	42
Nitrogen Oxide .....	106	28	Share of Generation (Percent) ..	2.1	42
Carbon Dioxide .....	34,895	27			
Sulfur Dioxide/sq. mile (Tons) .....	0.36	43			
Nitrogen Oxides/sq. mile (Tons) .....	1.29	38			
Carbon Dioxide/sq. mile (Tons) .....	424.68	36			

**Table 2. Five Largest Plants, 1998**

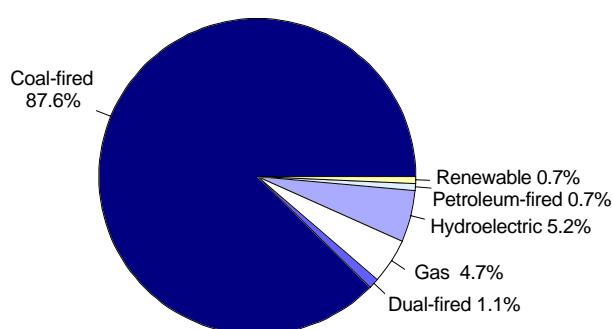
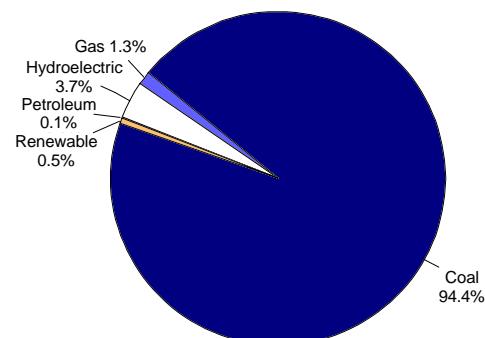
Plant	Energy Source <sup>b</sup>	Operating Company	Net Capability (MW)	Age (Years)
1. Intermountain .....	Coal	Los Angeles City of	1,640	12
2. Hunter .....	Coal	PacifiCorp	1,305	20
3. Huntington .....	Coal	PacifiCorp	895	24
4. Bonanza .....	Coal	Deseret Generation & Tran Coop	425	12
5. Gadsby .....	Gas	PacifiCorp	235	47

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. PacifiCorp .....	837	298	281	234	23
B. Provo City Corporation .....	40	14	20	6	--
C. St George Dept Water & Power .....	20	9	11	--	1
D. Murray City Power Department .....	20	6	13	--	*
E. Moon Lake Electric Assn, Inc .....	19	5	11	2	*
Total .....	935	332	337	242	24
Percentage of Utility Sales .....	88	84	88	93	75

**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 .....	4,744	4,812	5,077	0.7	98.3	97.2	97.5
Coal-fired .....	4,430	4,271	4,448	0.0	91.8	86.3	85.4
Petroleum-fired ....	24	25	33	3.4	0.5	0.5	0.6
Gas-fired .....	3	103	238	56.0	0.1	2.1	4.6
Dual-fired .....	125	124	57	-7.5	2.6	2.5	1.1
Hydroelectric .....	141	253	265	6.5	2.9	5.1	5.1
Renewable .....	21	35	35	5.0	0.4	0.7	0.7
Total Nonutility .....	82	136	130	4.7	1.7	2.8	2.5
Industry .....	4,826	4,948	5,206	0.8	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)

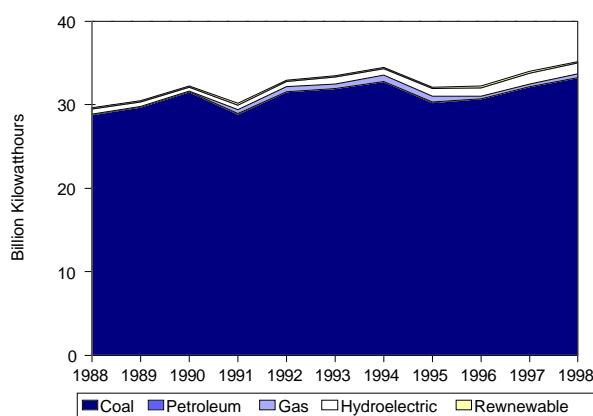
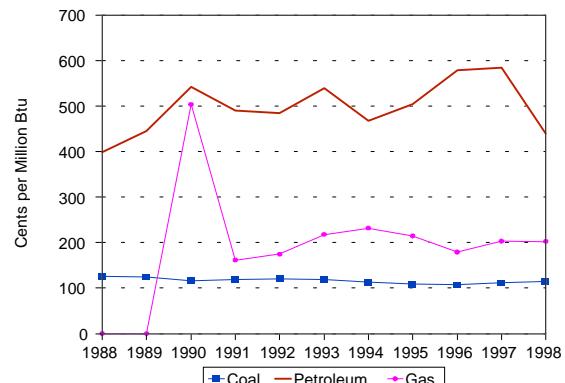
Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility . . . . .	29,637,220	33,460,939	35,160,477	1.7	98.9	98.2	97.9
Coal . . . . .	28,806,095	31,919,309	33,206,731	1.4	96.1	93.7	92.5
Petroleum . . . . .	59,168	32,104	31,289	-6.2	0.2	0.1	0.1
Gas . . . . .	4,624	542,969	463,348	58.5	*	1.6	1.3
Hydroelectric . . . . .	593,108	818,409	1,299,052	8.2	2.0	2.4	3.6
Renewable . . . . .	174,225	148,148	160,057	-0.8	0.6	0.4	0.4
Total Nonutility . . . . .	332,317	597,163	749,952	8.5	1.1	1.8	2.1
Industry . . . . .	29,969,537	34,058,102	35,910,429	1.8	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)

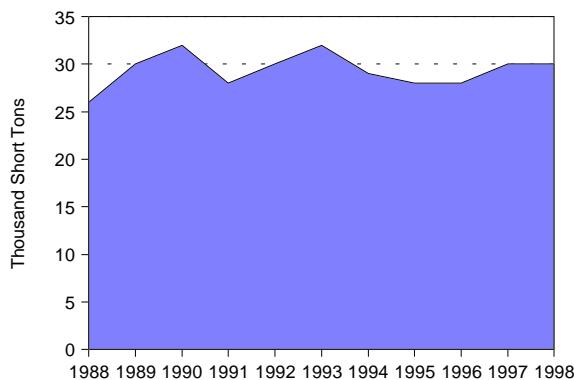
Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Coal . . . . .	126.5	119.0	114.8	-1.0
Petroleum . . . . .	398.4	539.1	439.5	1.0
Gas . . . . .	--	217.6	202.5	0.0

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

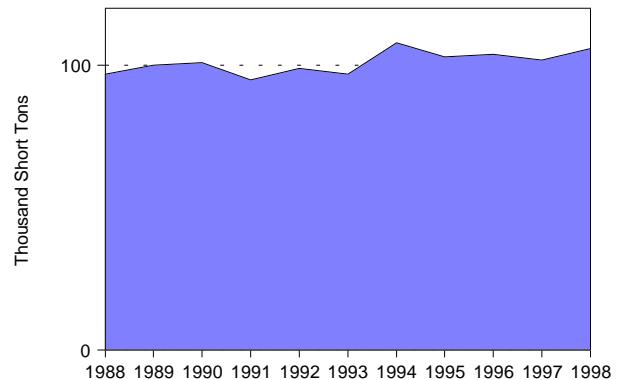
Emission Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Sulfur Dioxide . . . . .	26	32	30	1.5
Nitrogen Oxides <sup>c</sup> . . . . .	97	97	106	0.9
Carbon Dioxide <sup>c</sup> . . . . .	29,458	32,968	34,895	1.7

**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)

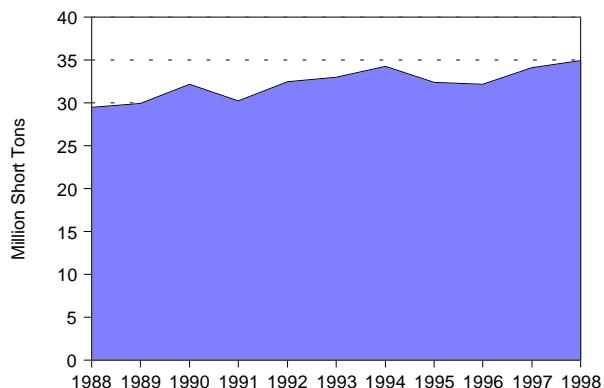
**Figure 5. Estimated Sulfur Dioxide Emissions,  
1988-1998**



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

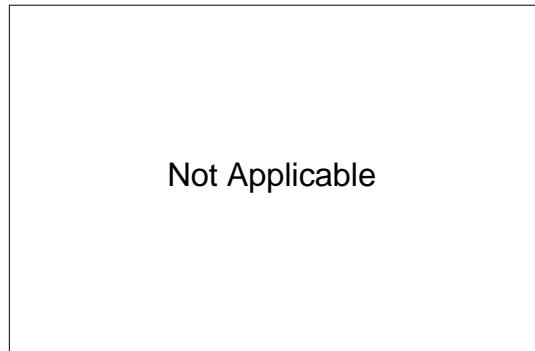


**Figure 7. Estimated Carbon Dioxide Emissions,  
1988-1998**



**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 . . .	4,151,198	4,725,974	5,755,763	3.3	28.6	28.0	27.8
Commercial . .	4,243,922	5,019,969	6,708,937	4.7	29.3	29.8	32.4
Industrial . . . .	5,320,724	6,221,086	7,511,167	3.5	36.7	36.9	36.3
Other . . . . .	790,746	900,100	724,459	-0.9	5.4	5.3	3.5
Total . . . . .	14,506,585	16,867,129	20,700,326	3.6	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 .....	1	37	1	9	48
Number of Retail Customers .....	470,665	121,913	4	21,613	614,195
Retail Sales (MWh) .....	11,775,672	2,021,737	20,377	688,799	14,506,585
Percentage of Retail Sales .....	81.2	13.9	0.1	4.7	100.0
Revenue from Retail Sales (million 1998 dollars) <sup>d</sup> .....	943	151	--	53	1,148
Percentage of Revenue .....	82.2	13.2	--	4.6	100.0
1993					
Number of Utilities .....	1	41	1	9	52
Number of Retail Customers .....	518,912	143,449	8	24,538	686,907
Retail Sales (MWh) .....	13,601,266	2,534,112	65,786	665,965	16,867,129
Percentage of Retail Sales .....	80.6	15.0	0.4	3.9	100.0
Revenue from Retail Sales (million 1998 dollars) <sup>d</sup> .....	773	171	1	44	989
Percentage of Revenue .....	78.2	17.3	0.1	4.4	100.0
1998					
Number of Utilities .....	1	41	1	9	52
Number of Retail Customers .....	612,034	167,258	4	28,422	807,718
Retail Sales (MWh) .....	16,844,036	3,166,915	48,756	640,619	20,700,326
Percentage of Retail Sales .....	81.4	15.3	0.2	3.1	100.0
Revenue from Retail Sales (million 1998 dollars) <sup>d</sup> .....	837	192	1	39	1,069
Percentage of Revenue .....	78.3	18.0	0.1	3.7	100.0