

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Wyoming		
NERC Region(s).....		WSCC
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	6,348	36
Electric Utilities	6,122	29
Independent Power Producers & Combined Heat and Power	226	46
Net Generation (megawatthours).....	43,783,839	31
Electric Utilities	42,532,420	25
Independent Power Producers & Combined Heat and Power	1,251,419	44
Emissions (thousand short tons)		
Sulfur Dioxide	87	28
Nitrogen Oxide.....	89	23
Carbon Dioxide.....	49,117	20
Sulfur Dioxide/sq. mile.....	1	35
Nitrogen Oxide/sq. mile.....	1	36
Carbon Dioxide/sq. mile.....	506	35
Utility and ESP Retail Electricity Sales (megawatthours).....	12,874,060	40
Utility Retail Electricity Sales (megawatthours)	12,874,060	40
Direct Use (megawatthours).....	661,028	26
Average Retail Price (cents/kWh).....	5	50

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Wyoming			
1. Jim Bridger	Petroleum, Coal	PacifiCorp	2,120
2. Laramie River Station	Petroleum, Coal	Basin Electric Power Coop	1,650
3. Dave Johnston.....	Petroleum, Coal	PacifiCorp	762
4. Naughton.....	Gas, Coal	PacifiCorp	700
5. Wyodak	Petroleum, Coal	PacifiCorp	335
6. Neil Simpson II	Petroleum, Gas, Coal	Black Hills Corp	114
7. Fremont Canyon	Hydro	U S Bureau of Reclamation	67
8. Seminoe.....	Hydro	U S Bureau of Reclamation	52
9. Rock River I LLC	Other	SeaWest Windpower Inc	50
10. Foote Creek I	Other	Foote Creek I LLC	41

See footnotes at end of tables.

Table 3. Top Five Utilities Ranked by Retail Sales, 2002
(Megawatthours)

Utility	All Sectors	Residential	Commercial	Industrial	Other
Wyoming					
A. PacifiCorp.....	7,348,990	895,976	1,136,822	5,274,337	41,855
B. Powder River Energy Corp.....	1,768,690	164,410	684,675	918,685	920
C. Cheyenne Light Fuel & Power Co	920,334	216,888	327,785	371,718	3,943
D. High Plains Power, Inc.....	704,803	117,517	59,949	527,337	0
E. Lower Valley Energy Inc	534,277	299,728	221,829	12,139	581
Total	11,277,094	1,694,519	2,431,060	7,104,216	47,299
Percentage of Utility Sales.....	88	76	80	95	29

See footnotes at end of tables.

Table 4. Electric Power Industry Generating Capability by Primary Energy Source, 1993, 1997, and 2002
(Megawatts)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Wyoming							
Coal	5,567	5,737	5,692	0.2	93.3	93.5	89.7
Petroleum	15	10	5	-11.9	.2	.2	.1
Natural Gas	0	0	119	NM	.0	.0	1.9
Hydroelectric	287	297	300	.5	4.8	4.8	4.7
Other Renewables	0	0	6	NM	.0	.0	.1
Total Electric Utilities	5,869	6,044	6,122	.5	98.3	98.5	96.4
Coal	28	28	30	.8	.5	.5	.5
Petroleum	0	0	4	NM	.0	.0	.1
Natural Gas	50	50	58	1.7	.8	.8	.9
Other Gases	3	3	0	NM	.1	.1	.0
Other Renewables	8	0	135	37.0	.1	.0	2.1
Other	11	11	0	NM	.2	.2	.0
Total IPP's & Combined Heat and Power	99	91	226	9.6	1.7	1.5	3.6
Coal	5,595	5,765	5,722	.2	93.7	94.0	90.1
Petroleum	15	10	8	-6.2	.2	.2	.1
Natural Gas	50	50	177	15.2	.8	.8	2.8
Other Gases	3	3	0	NM	.1	.1	.0
Hydroelectric	287	297	300	.5	4.8	4.8	4.7
Other Renewables	8	0	141	37.7	.1	.0	2.2
Other	11	11	0	NM	.2	.2	.0
Total Electric Industry	5,968	6,136	6,348	.7	100.0	100.0	100.0

See footnotes at end of tables.

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1993, 1997, and 2002
(Megawatthours)

Energy Source	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Wyoming							
Coal	39,301,199	39,315,335	41,685,278	0.7	96.4	94.9	95.2
Petroleum	56,970	58,765	38,686	-4.2	.1	.1	.1
Natural Gas	8,999	10,274	205,791	41.6	.0	.0	.5
Hydroelectric	787,427	1,380,713	583,615	-3.3	1.9	3.3	1.3
Other Renewables	0	0	19,050	NM	.0	.0	.0
Total Electric Utilities	40,154,595	40,765,087	42,532,420	.6	98.5	98.4	97.1
Coal	205,893	184,458	237,883	1.6	.5	.4	.5
Petroleum	9,411	4,716	1,418	-19.0	.0	.0	.0
Natural Gas	356,541	375,288	507,289	4.0	.9	.9	1.2
Other Gases	2,072	7,124	0	NM	.0	.0	.0
Other Renewables	0	0	428,280	NM	.0	.0	1.0
Other	42,843	72,889	76,549	6.7	.1	.2	.2
Total IPP's & Combined Heat and Power	616,760	644,476	1,251,419	8.2	1.5	1.6	2.9
Coal	39,507,092	39,499,793	41,923,161	.7	96.9	95.4	95.8
Petroleum	66,381	63,481	40,104	-5.4	.2	.2	.1
Natural Gas	365,540	385,562	713,080	7.7	.9	.9	1.6
Other Gases	2,072	7,124	0	NM	.0	.0	.0
Hydroelectric	787,427	1,380,713	583,615	-3.3	1.9	3.3	1.3
Other Renewables	0	0	447,330	NM	.0	.0	1.0
Other	42,843	72,889	76,549	6.7	.1	.2	.2
Total Electric Industry	40,771,355	41,409,563	43,783,839	.8	100.0	100.0	100.0

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1993, 1997, and 2002

Fuel	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Wyoming				
Coal (2002 cents per million Btu)	89.1	82.8	78.5	-1.4
Average heat value (Btu per pound)	8,779	8,787	8,802	*
Average sulfur Content(percent)5	.5	.5	-.5
Petroleum (2002 cents per million Btu)	527.3	531.4	553.0	.5
Average heat value (Btu per gallon)	139,060	138,823	142,302	.3
Average sulfur Content(percent)0	.0	.3	NM
Gas (2002 cents per million Btu)	367.6	900.2	255.2	-4.0
Average heat value (Btu per cubic foot)	1,044	1,041	944	-1.1

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1993, 1997, and 2002
(Thousand Short Tons)

Emission Type	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)
Wyoming				
Sulfur Dioxide				
Coal	79	105	87	1.1
Petroleum	*	*	*	-22.3
Gas.....	0	0	0	NM
Other.....	*	*	0	NM
Total	79	105	87	1.1
Nitrogen Oxide				
Coal	172	102	89	-7.1
Petroleum	*	*	0	NM
Gas.....	1	1	1	3.6
Total	173	102	89	-7.1
Carbon Dioxide				
Coal	45,089	45,025	48,652	.8
Petroleum	56	52	37	-4.3
Gas.....	215	221	428	7.9
Total	45,360	45,298	49,117	.9

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Revenue per Kilowatthour by Sector, 1993, 1997, and 2001

Sector	1993	1997	2002	Annual Growth Rate 1993-2002 (Percent)	Percentage Share 1993	Percentage Share 1997	Percentage Share 2002
Wyoming							
Retail Sales (thousand megawatthours)							
Residential.....	1,906	2,007	2,232	1.8	16.0	17.0	17.3
Commercial.....	2,493	2,394	3,027	2.2	21.0	20.3	23.5
Industrial	7,363	7,211	7,453	.1	61.9	61.2	57.9
Other	122	174	162	3.2	1.0	1.5	1.3
Total	11,885	11,786	12,874	.9	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	127	128	156	2.3	22.5	24.4	25.8
Commercial.....	140	130	173	2.4	24.9	24.7	28.7
Industrial	287	256	264	-9	51.0	48.8	43.9
Other	9	10	10	.7	1.6	2.0	1.6
Total	563	525	602	.8	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	6.64	6.40	6.97	.5	NA	NA	NA
Commercial.....	5.62	5.42	5.71	.2	NA	NA	NA
Industrial	3.90	3.56	3.55	-1.0	NA	NA	NA
Other	7.37	6.01	5.93	-2.4	NA	NA	NA
Total	4.73	4.45	4.68	-1	NA	NA	NA

See footnotes at end of tables.

Table 9. Utility Retail Sales Statistics, 2002

Item	Investor-Owned	Public	Federal	Cooperative	Energy Service Providers	Total
Wyoming						
Number of Entities.....	1	29	0	5	0	35
Number of Retail Customers.....	36,922	227,219	0	21,743	0	285,884
Retail Sales (thousand megawatthours).....	920	11,012	0	942	0	12,874
Percentage of Retail Sales.....	7.15	85.53	.00	7.32	.00	100.00
Revenue from Retail Sales (million 2002 dollars).....	72	482	0	48	0	602
Percentage of Revenue.....	11.94	80.06	.00	8.00	.00	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	7.82	4.38	.00	5.12	0	4.68

IPP = Independent Power Producer.

NA = Not available.

NM = Not meaningful.

* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is "1" and values under 0.5 are shown as "**".)