

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Nevada		
NERC Region(s).....		WSCC
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	6,856	35
Electric Utilities	5,384	33
Independent Power Producers & Combined Heat and Power	1,472	35
Net Generation (megawatthours).....	32,088,935	36
Electric Utilities	25,008,568	35
Independent Power Producers & Combined Heat and Power	7,080,367	28
Emissions (thousand short tons)		
Sulfur Dioxide	49	35
Nitrogen Oxide	46	34
Carbon Dioxide	24,726	35
Sulfur Dioxide/sq. mile.....	0	42
Nitrogen Oxide/sq. mile.....	0	43
Carbon Dioxide/sq. mile.....	225	44
Utility and ESP Retail Electricity Sales (megawatthours).....	29,204,272	34
Utility Retail Electricity Sales (megawatthours)	29,204,272	34
Direct Use (megawatthours).....	145,166	38
Average Retail Price (cents/kWh).....	8.42	12

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Nevada			
1. Mohave.....	Gas, Coal	Southern California Edison Co	1,580
2. Hoover Dam.....	Hydro	U S Bureau of Reclamation	1,039
3. Clark.....	Gas	Nevada Power Co	700
4. Reid Gardner.....	Petroleum, Coal	Nevada Power Co	556
5. North Valmy	Petroleum, Coal	Sierra Pacific Power Co	522
6. Tracy	Petroleum, Gas	Sierra Pacific Power Co	491
7. El Dorado Energy	Gas	El Dorado Energy LLC	450
8. Tri Center Naniwa Ene	Gas	Naniwa Energy LLC	300
9. Fort Churchill.....	Petroleum, Gas	Sierra Pacific Power Co	226
10. Sun Peak Project.....	Gas	Nevada Sun-Peak Ltd Partners	222

See footnotes at end of tables.

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
Nevada					
A. Nevada Power Company	17,599,820	7,240,325	3,662,436	6,293,991	403,068
B. Sierra Pacific Power Company	8,198,264	1,856,931	2,687,871	3,641,288	12,174
C. Colorado River Commission	1,431,642	0	676,849	754,793	0
D. Wells Rural Electric Company	654,482	45,958	44,594	556,224	7,706
E. Valley Electric Assn, Inc	340,748	202,510	138,164	0	74
Total	28,224,956	9,345,724	7,209,914	11,246,296	423,022
Percentage of Utility Sales.....	97	96	96	99	71

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
Nevada							
Coal	2,717	2,806	2,658	-0.2	47.3	43.9	38.8
Petroleum	48	45	43	-1.4	.8	.7	.6
Natural Gas	202	502	414	8.3	3.5	7.9	6.0
Dual Fired	1,237	1,243	1,222	-.1	21.5	19.4	17.8
Hydroelectric	1,031	1,046	1,048	.2	18.0	16.4	15.3
Total Electric Utilities	5,235	5,642	5,384	.3	91.2	88.3	78.5
Natural Gas	89	154	1,071	31.9	1.5	2.4	15.6
Dual Fired	205	363	222	.9	3.6	5.7	3.2
Hydroelectric	4	4	4	.0	.1	.1	.1
Other Renewables	208	228	168	-2.3	3.6	3.6	2.5
Other	0	0	7	NM	.0	.0	.1
Total IPP's & Combined Heat and Power	506	749	1,472	12.6	8.8	11.7	21.5
Coal	2,717	2,806	2,658	-.2	47.3	43.9	38.8
Petroleum	48	45	43	-1.4	.8	.7	.6
Natural Gas	291	656	1,485	19.9	5.1	10.3	21.7
Dual Fired	1,442	1,606	1,444	.0	25.1	25.1	21.1
Hydroelectric	1,035	1,050	1,052	.2	18.0	16.4	15.3
Other Renewables	208	228	168	-2.3	3.6	3.6	2.5
Other	0	0	7	NM	.0	.0	.1
Total Electric Industry	5,741	6,391	6,856	2.0	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
Nevada							
Coal	15,627,860	15,250,606	16,413,025	0.5	66.5	56.4	51.1
Petroleum	246,506	31,156	25,472	-22.3	1.0	.1	.1
Natural Gas	1,986,014	5,020,560	6,310,687	13.7	8.5	18.6	19.7
Hydroelectric	1,959,953	2,567,451	2,259,384	1.6	8.3	9.5	7.0
Total Electric Utilities	19,820,333	22,869,773	25,008,568	2.6	84.3	84.6	77.9
Petroleum	80,475	789	0	NM	.3	.0	.0
Natural Gas	2,047,184	2,537,255	5,899,973	12.5	8.7	9.4	18.4
Other Gases	0	0	44,909	NM	.0	.0	.1
Hydroelectric	12,227	19,523	8,202	-4.3	.1	.1	.0
Other Renewables	1,540,055	1,596,001	1,127,283	-3.4	6.6	5.9	3.5
Other	2,198	8,183	0	NM	.0	.0	.0
Total IPP's & Combined Heat and Power	3,682,138	4,161,751	7,080,367	7.5	15.7	15.4	22.1
Coal	15,627,860	15,250,606	16,413,025	.5	66.5	56.4	51.1
Petroleum	326,981	31,945	25,472	-24.7	1.4	.1	.1
Natural Gas	4,033,198	7,557,815	12,210,660	13.1	17.2	28.0	38.1
Other Gases	0	0	44,909	NM	.0	.0	.1
Hydroelectric	1,972,180	2,586,974	2,267,586	1.6	8.4	9.6	7.1
Other Renewables	1,540,055	1,596,001	1,127,283	-3.4	6.6	5.9	3.5
Other	2,198	8,183	0	NM	.0	.0	.0
Total Electric Industry	23,502,471	27,031,524	32,088,935	3.5	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)
Nevada				
Coal (2002 cents per million Btu)	163.7	143.1	133.9	-2.2
Average heat value (Btu per pound).....	11,012	11,169	10,177	-9
Average sulfur Content(percent)5	.5	.5	.9
Petroleum (2002 cents per million Btu)	399.4	521.7	600.2	4.6
Average heat value (Btu per gallon).....	148,546	138,761	140,174	-6
Average sulfur Content(percent)8	.0	.3	-9.7
Gas (2002 cents per million Btu).....	265.0	217.7	438.4	5.8
Average heat value (Btu per cubic foot).....	1,029	1,029	1,020	-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)
Nevada				
Sulfur Dioxide				
Coal	52	51	49	-0.6
Petroleum	1	*	*	-32.7
Gas.....	*	*	*	12.1
Total	53	51	49	-9
Nitrogen Oxide				
Coal	62	39	39	-5.0
Petroleum	*	*	*	-26.9
Gas.....	3	8	7	9.2
Other.....	*	*	0	NM
Total	65	47	46	-3.8
Carbon Dioxide				
Coal	17,251	16,711	18,332	.7
Petroleum	283	34	24	-24.0
Gas.....	2,268	4,370	6,370	12.2
Total	19,801	21,115	24,726	2.5

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
Nevada							
Retail Sales (thousand megawatthours)							
Residential.....	6,281	7,801	9,702	4.9	33.9	32.2	33.2
Commercial.....	4,298	5,454	7,538	6.4	23.2	22.5	25.8
Industrial.....	7,181	10,034	11,373	5.2	38.8	41.4	38.9
Other.....	740	930	592	-2.4	4.0	3.8	2.0
Total.....	18,499	24,219	29,204	5.2	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	455	543	915	8.1	37.6	38.9	37.2
Commercial.....	312	354	683	9.1	25.8	25.4	27.8
Industrial.....	403	462	824	8.3	33.3	33.1	33.5
Other.....	40	37	39	-4	3.3	2.6	1.6
Total.....	1,211	1,395	2,460	8.2	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	7.25	6.95	9.43	3.0	NA	NA	NA
Commercial.....	7.26	6.49	9.06	2.5	NA	NA	NA
Industrial.....	5.62	4.61	7.25	2.9	NA	NA	NA
Other.....	5.42	3.94	6.54	2.1	NA	NA	NA
Total.....	6.54	5.76	8.42	2.8	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
Nevada						
Number of Entities.....	1	14	0	5	0	20
Number of Retail Customers.....	650,358	317,383	0	12,762	0	980,503
Retail Sales (thousand megawatthours).....	17,600	10,669	0	936	0	29,204
Percentage of Retail Sales.....	60.26	36.53	.00	3.20	.00	100.00
Revenue from Retail Sales (million 2002 dollars).....	1,570	850	0	41	0	2,460
Percentage of Revenue.....	63.81	34.53	.00	1.65	.00	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	8.92	7.96	.00	4.34	0	8.42

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 ".5").