

Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Nevada		
NERC Region(s).....		WECC
Primary Energy Source.....		Gas
Net Summer Capacity (megawatts)	9,648	34
Electric Utilities.....	6,771	30
Independent Power Producers & Combined Heat and Power.....	2,876	31
Net Generation (megawatthours).....	31,860,022	38
Electric Utilities.....	19,686,302	34
Independent Power Producers & Combined Heat and Power.....	12,173,720	23
Emissions (thousand metric tons)		
Sulfur Dioxide	8	45
Nitrogen Oxide.....	31	36
Carbon Dioxide.....	16,620	38
Sulfur Dioxide (lbs/MWh)	0.6	45
Nitrogen Oxide (lbs/MWh)	2.1	28
Carbon Dioxide (lbs/MWh).....	1,150	35
Total Retail Sales (megawatthours).....	34,586,260	33
Full Service Provider Sales (megawatthours)	33,329,949	33
Deregulated Sales (megawatthours)	1,256,311	16
Direct Use (megawatthours)	893,050	31
Average Retail Price (cents/kWh).....	9.63	17

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capacity, 2006

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
Nevada			
1. Mohave	Coal	Southern California Edison Co	1,580
2. Hoover Dam	Hydroelectric	U S Bureau of Reclamation	1,039
3. Chuck Lenzie Generating Station.....	Gas	Nevada Power Co	935
4. Bighorn Electric Generating Station	Gas	Reliant Energy Wholesale Generation LLC	570
5. Silverhawk	Gas	Nevada Power Co	560
6. Reid Gardner.....	Coal	Nevada Power Co	555
7. North Valmy.....	Coal	Sierra Pacific Power Co	522
8. Clark	Gas	Nevada Power Co	519
9. Tracy.....	Gas	Sierra Pacific Power Co	500
10. Apex Generating Station	Gas	Mirant Las Vegas LLC	494

See footnotes at end of tables.

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2006
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
1. Nevada Power Company	Investor-Owned	21,100,871	9,033,142	4,618,229	7,441,314	8,186
2. Sierra Pacific Power Co.....	Investor-Owned	8,183,648	2,214,195	2,982,752	2,986,701	-
3. Colorado River Comm of Nevada.....	Public	1,594,336	-	770,454	823,882	-
4. Avista Energy Inc.....	Other Provider	811,662	-	-	811,662	-
5. Wells Rural Electric Co.....	Cooperative	710,881	46,777	45,119	618,985	-
Total Sales, Top Five Providers		32,401,398	11,294,114	8,416,554	12,682,544	8,186
Percent of Total State Sales		94	94	94	93	100

See footnotes at end of tables.

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatts)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Electric Utilities.....	4,944	5,556	5,388	5,384	5,323	5,389	5,611^R	6,771	97.0	70.2
Coal.....	2,692	2,717	2,747	2,658	2,657	2,657	2,657	2,657	52.8	27.5
Petroleum.....	79 ^R	50 ^R	46	43	45	45	45	45	1.6	0.5
Natural Gas	1,142 ^R	1,743 ^R	1,547	1,636	1,576	1,642	1,862 ^R	3,023	22.4	31.3
Hydroelectric	1,031	1,046	1,048	1,048	1,045	1,045	1,047 ^R	1,047	20.2	10.9
Independent Power Producers and Combined Heat and Power	154	749	1,495	1,472	2,185	3,281	3,103^R	2,876	3.0	29.8
Natural Gas	-	517	1,343	1,293	2,007	3,137	2,917 ^R	2,688	-	27.9
Hydroelectric	4	4	4	4	6	2	- ^R	-	0.1	-
Other Renewables.....	150	228	148	168	172	142	185	188	2.9	2.0
Other	-	-	-	7	-	-	-	-	-	-
Total Electric Industry.....	5,098	6,306	6,883	6,856	7,508	8,670	8,714	9,648	100.0	100.0
Coal.....	2,692	2,717	2,747	2,658	2,657	2,657	2,657	2,657	52.8	27.5
Petroleum.....	79 ^R	50 ^R	46	43	45	45	45	45	1.6	0.5
Natural Gas	1,142 ^R	2,260 ^R	2,890	2,929	3,583	4,779	4,779	5,711	22.4	59.2
Hydroelectric	1,034	1,050	1,052	1,052	1,051	1,047	1,047	1,047	20.3	10.9
Other Renewables.....	150	228	148	168	172	142	185	188	2.9	2.0
Other	-	-	-	7	-	-	-	-	-	-

See footnotes at end of tables.

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 1990, 1995, and 2001 Through 2006
(Megawatthours)

Energy Source	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Nevada										
Electric Utilities.....	19,286,260	19,997,354	27,896,065	25,008,568	24,634,871	24,246,391	24,112,225	19,686,302	96.2	61.8
Coal.....	15,053,277	13,971,824	17,736,970	16,413,025	17,085,959	18,257,265	18,384,261	7,253,521	75.1	22.8
Petroleum.....	284,108	26,549	911,611	25,472	16,793	95,766	20,500	17,347	1.4	0.1
Natural Gas.....	2,217,027	4,076,540	6,742,903	6,310,687	5,784,181	4,288,157	4,005,084	10,357,808	11.1	32.5
Hydroelectric.....	1,731,848	1,922,441	2,504,581	2,259,384	1,747,938	1,605,203	1,702,380	2,057,626	8.6	6.5
Independent Power Producers and Combined Heat and Power.....	764,425	3,966,640	5,979,901	7,080,367	8,560,017	13,421,044	16,101,527	12,173,720	3.8	38.2
Petroleum.....	-	4	17	-	-	-	-	-	-	-
Natural Gas.....	-	2,367,213	4,770,870	5,899,973	7,468,598	12,098,047	14,726,368	10,815,564	-	33.9
Other Gases.....	-	-	-	44,909	16,941	15,572	112,451	14,444	-	*
Hydroelectric.....	3,233	19,093	9,141	8,202	8,767	9,920	-	-	-	*
Other Renewables.....	761,192	1,553,696	1,199,873	1,127,283	1,065,711	1,297,504	1,262,707	1,343,711	3.8	4.2
Other.....	-	26,634	-	-	-	-	-	-	-	-
Total Electric Industry.....	20,050,685	23,963,994	33,875,966	32,088,935	33,194,888	37,667,435	40,213,752	31,860,022	100.0	100.0
Coal.....	15,053,277	13,971,824	17,736,970	16,413,025	17,085,959	18,257,265	18,384,261	7,253,521	75.1	22.8
Petroleum.....	284,108	26,553	911,628	25,472	16,793	95,766	20,500	17,347	1.4	0.1
Natural Gas.....	2,217,027	6,443,753	11,513,773	12,210,660	13,252,779	16,386,204	18,731,452	21,173,372	11.1	66.5
Other Gases.....	-	-	-	44,909	16,941	15,572	112,451	14,444	-	*
Hydroelectric.....	1,735,081	1,941,534	2,513,722	2,267,586	1,756,705	1,615,123	1,702,380	2,057,626	8.7	6.5
Other Renewables.....	761,192	1,553,696	1,199,873	1,127,283	1,065,711	1,297,504	1,262,707	1,343,711	3.8	4.2
Other.....	-	26,634	-	-	-	-	-	-	-	-

See footnotes at end of tables.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 1990, 1995, and 2001 Through 2006

Fuel, Quality	1990	1995	2001	2002	2003	2004	2005	2006
Nevada								
Coal (cents per million Btu)	149	131	126	134	142	136	154	173
Average heat value (Btu per pound)	11,122	11,075	11,210	11,284	11,120	11,118	11,176	11,495
Average sulfur Content (percent)	0.53	0.48	0.51	0.53	0.50	0.54	0.53	0.54
Petroleum (cents per million Btu)	314	337	585	600	601	473	990	1,270
Average heat value (Btu per gallon)	148,233	146,667	151,667	139,110	138,548	149,914	141,760	140,610
Average sulfur Content (percent)	0.81	0.59	0.30	0.30	0.26	0.86	0.34	0.31
Natural Gas (cents per million Btu)	196	166	803	438	511	556	723	653
Average heat value (Btu per cubic foot)	1,031	1,029	1,020	1,034	1,040	1,036	1,033	1,040

See footnotes at end of tables.

Table 7. Electric Power Industry Emissions Estimates, 1990, 1995, and 2001 Through 2006
(Thousand Metric Tons)

Emission Type	1990	1995	2001	2002	2003	2004	2005	2006
Nevada								
Sulfur Dioxide								
Coal.....	48	46	45	45	47	49	48	8
Petroleum.....	1	*	4	*	*	*	*	*
Natural Gas.....	*	*	*	*	*	*	*	*
Other.....	-	-	-	-	-	-	-	*
Total.....	50	46	50	45	47	50	48	8
Nitrogen Oxide								
Coal.....	65	67	32	35	34	35	36	15
Petroleum.....	*	*	1	*	*	*	*	*
Natural Gas.....	3	7	11	8	8	8	8	15
Other.....	-	*	-	-	*	*	*	1
Total.....	69	74	44	43	42	43	44	31
Carbon Dioxide								
Coal.....	14,908	14,468	16,934	15,078	16,671	17,400	17,810	7,331
Petroleum.....	255	24	1,057	21	15	80	19	16
Natural Gas.....	1,326	3,364	5,883	5,907	6,272	7,457	8,092	9,238
Geothermal.....	19	35	31	29	27	33	32	34
Total.....	16,509	17,891	23,905	21,034	22,985	24,969	25,954	16,620

See footnotes at end of tables.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 1990, 1995, and 2001 Through 2006

Sector	1990	1995	2001	2002	2003	2004	2005	2006	Percentage Share	
									1990	2006
Nevada										
Retail Sales (thousand megawatthours)										
Residential.....	5,540	6,655	9,607	9,702	10,340	10,673	11,080	11,978	33.9	34.6
Commercial.....	3,866	4,731	6,693	7,538	8,168	8,275	8,516	8,975	23.6	26.0
Industrial.....	6,263	8,496	11,239	11,373	11,624	12,364	12,897	13,625	38.3	39.4
Other.....	684	777	628	592	NA	NA	NA	NA	4.2	NA
Transportation.....	NA	NA	NA	NA	NA	NA	8	8	NA	*
All Sectors.....	16,352	20,659	28,167	29,204	30,132	31,312	32,501	34,586	100.0	100.0
Retail Revenue (million dollars)										
Residential.....	316	473	872	915	932	1,034	1,130	1,327	35.9	39.9
Commercial.....	239	319	565	683	718	752	808	908	27.2	27.3
Industrial.....	294	429	738	824	849	895	994	1,094	33.4	32.8
Other.....	31	39	39	39	NA	NA	NA	NA	3.5	NA
Transportation.....	NA	NA	NA	NA	NA	NA	1	1	NA	*
All Sectors.....	880	1,260	2,213	2,460	2,499	2,681	2,932	3,330	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential.....	5.70	7.11	9.08	9.43	9.02	9.69	10.20	11.08	NA	NA
Commercial.....	6.19	6.75	8.45	9.06	8.79	9.08	9.48	10.12	NA	NA
Industrial.....	4.70	5.05	6.56	7.25	7.30	7.24	7.71	8.03	NA	NA
Other.....	4.49	5.00	6.15	6.54	NA	NA	NA	NA	NA	NA
Transportation.....	NA	NA	NA	NA	NA	NA	9.34	9.89	NA	NA
All Sectors.....	5.38	6.10	7.86	8.42	8.29	8.56	9.02	9.63	NA	NA

See footnotes at end of tables.

Table 9. Retail Electricity Sales Statistics, 2006

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Number of Entities	2	8	1	8	NA	1	2	22
Number of Retail Customers	1,105,807	27,330	6	35,599	NA	18	NA	1,168,760
Retail Sales (thousand megawatthours)	29,285	2,259	28	1,758	NA	1,256	NA	34,586
Percentage of Retail Sales	84.67	6.53	0.08	5.08	NA	3.63	NA	100.00
Revenue from Retail Sales (million dollars)	3,000	137	*	112	NA	77	3	3,330
Percentage of Revenue	90.11	4.12	0.01	3.35	NA	2.32	0.08	100.00
Average Retail Price (cents/kWh)	10.25	6.08	0.83	6.35	NA	6.15	0.22	9.63

Table 9 Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Table 10. Supply and Disposition of Electricity, 1990, 1995, and 2001 Through 2006
(Million Kilowatthours)

Category	1990	1995	2001	2002	2003	2004	2005	2006
Nevada								
Supply								
Generation								
Electric Utilities	19,286	19,997	27,896	25,009	24,635	24,246	24,112	19,686
Independent Power Producers	764	1,611	3,535	4,653	5,324	11,022	13,955	9,546
Combined Heat and Power, Electric	-	2,356	2,445	2,428	3,236	2,399	2,146	2,282
Electric Power Sector Generation Subtotal	20,051	23,964	33,876	32,089	33,195	37,667	40,214	31,515
Combined Heat and Power, Industrial	-	*	-	-	-	-	-	345
Industrial and Commercial Generation Subtotal	-	*	-	-	-	-	-	345
Total Net Generation	20,051	23,964	33,876	32,089	33,195	37,667	40,214	31,860
Total International Imports	2	-	-	85	250	203	404	157
Total Supply	20,053	23,964	33,876	32,174	33,445	37,870	40,618	32,017
Disposition								
Retail Sales								
Full Service Providers	16,352	20,659	28,167	29,204	30,132	31,311	32,326	33,330
Energy-Only Providers	-	-	-	-	-	2	175	1,256
Total Electric Industry Retail Sales	16,352	20,659	28,167	29,204	30,132	31,312	32,501	34,586
Direct Use	35	213	224	229	232	233	587	893
Total International Exports	-	-	-	-	-	15	43	67
Estimated Losses	1,226	1,568	1,177	1,377	1,288	1,658	1,669	2,096
Total Disposition	17,613	22,441	29,568	30,811	31,652	33,218	34,800	37,643
Net Interstate Trade	2,440	1,523	4,308	1,363	1,793	4,652	5,818	-5,625
Net Trade Index (ratio)	1.14	1.07	1.15	1.04	1.06	1.14	1.17	0.85

R = Revised.

NA = Not applicable; NM = Not meaningful.

W = Withheld to avoid disclosure of individual company data.

- = Data not available.

* = 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 *.)

Totals may not equal sum of components because of independent rounding.

Table 10 Notes: Estimated Losses are reported at the utility level, and then allocated to States based on the utility's retail sales by State. Reported losses may include electricity unaccounted for by the utility. Net Interstate Trade represents the difference between the amount of electricity produced in the State and consumed in the State. Positive values indicate a State that is a net interstate exporter of electricity; negative values indicate a State that is a net interstate importer of electricity. The Net Trade Index represents a State's electricity self-sufficiency. Values greater than 1 indicate that, on an annual net basis, the State supplied electricity consumed outside the State; values less than 1 indicate that, on an annual net basis, the State consumed electricity produced outside the State.

General Notes: Table 4 "Other Renewables" includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. The "Other" category includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. However, Table 5 "Other Renewables" includes only biogenic municipal solid waste, in addition to wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind. In Table 5 "Other" includes Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies. In Table 7, "Other Renewables" emissions include biogenic municipal solid waste, and other renewable waste.

Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.