

Table 1. 2002 Summary Statistics

Item	Value	U.S. Rank
Nebraska		
NERC Region(s).....		WSCC/MAPP
Primary Energy Source		Coal
Net Summer Capability (megawatts).....	6,069	37
Electric Utilities	6,052	30
Independent Power Producers & Combined Heat and Power	17	50
Net Generation (megawatthours).....	31,618,493	37
Electric Utilities	31,550,226	31
Independent Power Producers & Combined Heat and Power	68,267	50
Emissions (thousand short tons)		
Sulfur Dioxide.....	68	32
Nitrogen Oxide.....	47	32
Carbon Dioxide.....	22,788	36
Sulfur Dioxide/sq. mile.....	1	36
Nitrogen Oxide/sq. mile.....	1	41
Carbon Dioxide/sq. mile.....	296	41
Utility and ESP Retail Electricity Sales (megawatthours).....	25,661,061	36
Utility Retail Electricity Sales (megawatthours)	25,661,061	36
Direct Use (megawatthours).....	60,256	40
Average Retail Price (cents/kWh).....	5.55	45

See footnotes at end of tables.

Table 2. Ten Largest Plants by Generating Capability, 2002

Plant	Energy Sources	Operating Company	Net Capability (MW)
Nebraska			
1. Gerald Gentleman.....	Gas, Coal	Nebraska Public Power District	1,365
2. Cooper.....	Nuclear	Nebraska Public Power District	758
3. North Omaha	Gas, Coal	Omaha Public Power District	663
4. Nebraska City	Petroleum, Coal	Omaha Public Power District	646
5. Fort Calhoun.....	Nuclear	Omaha Public Power District	476
6. Sarpy County	Petroleum, Gas	Omaha Public Power District	314
7. Rokeby	Petroleum, Gas	Lincoln Electric System	265
8. Sheldon.....	Gas, Coal	Nebraska Public Power District	225
9. Lon Wright.....	Gas, Coal	Fremont City of	120
10. Jones Street	Petroleum	Omaha Public Power District	118

See footnotes at end of tables.

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

Utility	All Sectors	Residential	Commercial	Industrial	Other
Nebraska					
A. Omaha Public Power District.....	8,772,187	3,136,085	3,264,938	2,289,572	81,592
B. Lincoln Electric System.....	2,926,216	1,057,046	1,053,336	542,708	273,126
C. Nebraska Public Power District	2,913,867	784,530	834,515	1,110,503	184,319
D. Loup River Public Power Dist.....	992,939	221,889	135,447	585,688	49,915
E. Southern Public Power District	787,825	228,488	30,090	357,979	171,268
Total	16,393,034	5,428,038	5,318,326	4,886,450	760,220
Percentage of Utility Sales.....	64	61	72	65	43

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
Nebraska							
Coal	3,103	3,152	3,196	0.3	56.2	54.6	52.7
Petroleum	250	262	298	2.0	4.5	4.5	4.9
Natural Gas	13	5	2	-19.7	.2	.1	.0
Dual Fired	725	925	1,149	5.3	13.1	16.0	18.9
Nuclear	1,254	1,250	1,234	-.2	22.7	21.7	20.3
Hydroelectric	168	167	167	.0	3.0	2.9	2.8
Other Renewables	0	0	6	NM	.0	.0	.1
Total Electric Utilities	5,512	5,760	6,052	1.0	99.8	99.8	99.7
Coal	8	7	8	-.5	.2	.1	.1
Petroleum	0	0	1	NM	.0	.0	.0
Natural Gas	0	1	1	NM	.0	.0	.0
Dual Fired	0	0	2	NM	.0	.0	.0
Other Renewables	0	4	5	NM	.0	.1	.1
Total IPP's & Combined Heat and Power	8	12	17	8.3	.2	.2	.3
Coal	3,111	3,159	3,204	.3	56.4	54.7	52.8
Petroleum	250	262	299	2.0	4.5	4.5	4.9
Natural Gas	13	6	3	-14.4	.2	.1	.1
Dual Fired	725	925	1,152	5.3	13.1	16.0	19.0
Nuclear	1,254	1,250	1,234	-.2	22.7	21.7	20.3
Hydroelectric	168	167	167	.0	3.0	2.9	2.8
Other Renewables	0	4	10	NM	.0	.1	.2
Total Electric Industry	5,520	5,772	6,069	1.1	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
Nebraska							
Coal	14,739,783	17,209,080	19,899,803	3.4	64.8	60.5	62.9
Petroleum	19,035	31,059	18,410	-.4	.1	.1	.1
Natural Gas	152,922	205,991	404,106	11.4	.7	.7	1.3
Other Gases.....	0	0	101	NM	.0	.0	.0
Nuclear	6,805,133	9,268,857	10,122,242	4.5	29.9	32.6	32.0
Hydroelectric.....	1,001,663	1,672,419	1,097,486	1.0	4.4	5.9	3.5
Other Renewables.....	5,750	624	8,078	3.8	.0	.0	.0
Total Electric Utilities	22,724,286	28,388,030	31,550,226	3.7	99.8	99.8	99.8
Coal	36,428	39,557	44,104	2.1	.2	.1	.1
Petroleum	0	0	2,139	NM	.0	.0	.0
Natural Gas	143	5,309	9,032	58.6	.0	.0	.0
Other Renewables.....	0	16,370	12,993	NM	.0	.1	.0
Total IPP's & Combined Heat and Power	36,570	61,236	68,267	7.2	.2	.2	.2
Coal	14,776,211	17,248,637	19,943,907	3.4	64.9	60.6	63.1
Petroleum	19,035	31,059	20,549	.9	.1	.1	.1
Natural Gas	153,065	211,300	413,138	11.7	.7	.7	1.3
Other Gases.....	0	0	101	NM	.0	.0	.0
Nuclear	6,805,133	9,268,857	10,122,242	4.5	29.9	32.6	32.0
Hydroelectric.....	1,001,663	1,672,419	1,097,486	1.0	4.4	5.9	3.5
Other Renewables.....	5,750	16,994	21,071	15.5	.0	.1	.1
Total Electric Industry.....	22,760,856	28,449,266	31,618,493	3.7	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)
Nebraska				
Coal (2002 cents per million Btu)	84.1	60.1	58.1	-4.0
Average heat value (Btu per pound).....	8,561	8,595	8,593	*
Average sulfur Content(percent)4	.3	.3	-1.8
Petroleum (2002 cents per million Btu)	276.1	462.8	554.8	8.1
Average heat value (Btu per gallon).....	107,947	137,568	138,150	2.8
Average sulfur Content(percent)	6.0	.0	.2	-32.7
Gas (2002 cents per million Btu).....	304.0	295.1	416.6	3.6
Average heat value (Btu per cubic foot).....	976	998	977	*

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)
Nebraska				
Sulfur Dioxide				
Coal	58	62	68	1.6
Petroleum	*	*	*	-9.2
Total	58	62	68	1.6
Nitrogen Oxide				
Coal	76	48	47	-5.2
Petroleum	*	*	*	7.4
Gas.....	*	*	*	6.1
Other.....	0	*	0	NM
Total	76	49	47	-5.2
Carbon Dioxide				
Coal	16,925	19,728	22,471	3.2
Petroleum	20	33	21	1.0
Gas.....	108	160	296	11.8
Total	17,053	19,921	22,788	3.3

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
Nebraska							
Retail Sales (thousand megawatthours)							
Residential.....	7,226	7,989	8,956	2.4	38.5	35.4	34.9
Commercial.....	5,471	6,500	7,384	3.4	29.2	28.8	28.8
Industrial	4,963	6,580	7,563	4.8	26.5	29.1	29.5
Other	1,089	1,514	1,758	5.5	5.8	6.7	6.8
Total	18,749	22,582	25,661	3.5	100.0	100.0	100.0
Retail Sales Revenue (million 2002 dollars)							
Residential.....	503	524	603	2.0	43.5	42.6	42.3
Commercial.....	346	365	415	2.0	29.9	29.7	29.1
Industrial	223	244	294	3.1	19.3	19.9	20.6
Other	85	96	112	3.1	7.3	7.8	7.9
Total	1,157	1,229	1,424	2.3	100.0	100.0	100.0
Average Revenue per Kilowatthour (2002 cents/kWh)							
Residential.....	6.96	6.56	6.73	-4	NA	NA	NA
Commercial.....	6.32	5.61	5.62	-1.3	NA	NA	NA
Industrial	4.50	3.71	3.89	-1.6	NA	NA	NA
Other	7.79	6.36	6.37	-2.2	NA	NA	NA
Total	6.17	5.44	5.55	-1.2	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
Nebraska						
Number of Entities	0	155	0	7	0	162
Number of Retail Customers	0	905,366	0	16,569	0	921,935
Retail Sales (thousand megawatthours).....	0	25,183	0	478	0	25,661
Percentage of Retail Sales.....	.00	98.14	.00	1.86	.00	100.00
Revenue from Retail Sales (million 2002 dollars)	0	1,389	0	35	0	1,424
Percentage of Revenue.....	.00	97.56	.00	2.44	.00	100.00
Revenue per Kilowatthour (2002 cents/kWh).....	.00	5.52	.00	7.26	0	5.55

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 "**".)