Table 1. 2006 Summary Statistics

Item	Value	U.S. Rank
Nebraska		
NERC Region(s)		**MRO**
Primary Energy Source		**Coal**
Net Summer Capacity (megawatts)	**7,071**	**37**
Electric Utilities	7,056	29
Independent Power Producers & Combined Heat and Power	16	51
Net Generation (megawatthours)	**31,669,969**	**39**
Electric Utilities	31,599,046	32
Independent Power Producers & Combined Heat and Power	70,923	51
Emissions (thousand metric tons)		
Sulfur Dioxide	65	29
Nitrogen Oxide	61	30
Carbon Dioxide	22,293	35
Sulfur Dioxide (lbs/MWh)	4.5	21
Nitrogen Oxide (lbs/MWh)	4.3	6
Carbon Dioxide (lbs/MWh)	1,552	19
Total Retail Sales (megawatthours)	**27,276,292**	**36**
Full Service Provider Sales (megawatthours)	27,276,292	36
Direct Use (megawatthours)	**72,863**	**46**
Average Retail Price (cents/kWh)	**6.07**	**46**

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)
Nebraska			
1. Gerald Gentleman	Coal	Nebraska Public Power District	1,365
2. Cooper	Nuclear	Nebraska Public Power District	760
3. North Omaha	Coal	Omaha Public Power District	663
4. Nebraska City	Coal	Omaha Public Power District	646
5. Fort Calhoun	Nuclear	Omaha Public Power District	478
6. Cass County	Gas	Omaha Public Power District	320
7. Sarpy County	Gas	Omaha Public Power District	314
8. Rokeby	Gas	Lincoln Electric System	251
9. Beatrice	Gas	Nebraska Public Power District	237
10. Sheldon	Coal	Nebraska Public Power District	225

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
Nebraska						
1. Omaha Public Power District	Public	9,625,860	3,375,561	3,580,906	2,669,393	-
2. Nebraska Public Power District	Public	3,101,018	779,304	1,026,716	1,294,998	-
3. Lincoln Electric System	Public	3,056,537	1,088,033	1,428,071	540,433	-
4. Loup River Public Power Dist	Public	1,043,048	219,070	193,165	630,813	-
5. Southern Public Power District	Public	832,033	224,708	30,370	576,955	-
Total Sales, Top Five Providers		17,658,496	5,686,676	6,259,228	5,712,592	-
Percent of Total State Sales		65	61	70	64	-

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
Nebraska										
Electric Utilities	**5,452**	**5,529**	**6,010**	**6,052**	**6,667**	**6,722**	**7,007**	**7,056**	**99.8**	**99.8**
Coal	3,094	3,112	3,181	3,196	3,196	3,196	3,196	3,196	56.7	45.2
Petroleum	370[R]	331[R]	708	638	637	638	639	641	6.8	9.1
Natural Gas	565[R]	666[R]	721	811	1,317	1,374	1,589	1,630	10.4	23.1
Nuclear	1,254	1,254	1,234	1,234	1,233	1,232	1,238	1,238	23.0	17.5
Hydroelectric	168	167	162	167	268	266	269	272	3.1	3.9
Other Renewables	-	-	4	6	16	16	76	78	-	1.1
Independent Power Producers and Combined Heat and Power	**8**	**10**	**18**	**17**	**17**	**16**	**16**	**16**	**0.2**	**0.2**
Coal	8	10	8	8	8	8	8	8	0.2	0.1
Petroleum	-	-	1	1	1	1	1	1	-	*
Natural Gas	-	-	5	4	4	2	2	2	-	*
Other Renewables	-	-	5	5	5	4	4	4	-	0.1
Total Electric Industry	**5,460**	**5,539**	**6,028**	**6,069**	**6,684**	**6,738**	**7,023**	**7,071**	**100.0**	**100.0**
Coal	3,102	3,122	3,189	3,204	3,204	3,204	3,204	3,204	56.8	45.3
Petroleum	370[R]	331[R]	709	639	638	639	640	642	6.8	9.1
Natural Gas	565[R]	666[R]	726	815	1,320	1,376	1,591	1,632	10.4	23.1
Nuclear	1,254	1,254	1,234	1,234	1,233	1,232	1,238	1,238	23.0	17.5
Hydroelectric	168	167	162	167	268	266	269	272	3.1	3.9
Other Renewables	-	-	9	10	21	21	80	83	-	1.2

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
Nebraska										
Electric Utilities	**21,630,677**	**25,279,277**	**30,411,669**	**31,550,226**	**30,367,879**	**31,944,127**	**31,391,643**	**31,599,046**	**100.0**	**99.8**
Coal	12,658,464	16,079,519	20,193,542	19,899,803	20,907,970	20,414,960	20,772,590	20,632,855	58.5	65.1
Petroleum	12,981	26,679	25,154	18,410	47,971	21,004	30,026	18,914	0.1	0.1
Natural Gas	307,841	245,305	340,050	404,106	369,409	288,576	794,533	752,584	1.4	2.4
Other Gases	-	-	-	101	206	142	6	-	-	-
Nuclear	7,511,298	7,485,448	8,726,113	10,122,242	7,996,902	10,241,254	8,801,841	9,002,656	34.7	28.4
Hydroelectric	1,140,093	1,426,058	1,124,122	1,097,486	980,110	913,021	871,473	893,386	5.3	2.8
Other Renewables	-	16,268	2,630	8,078	65,311	65,170	121,174	298,651	-	0.9
Other	-	-	58	-	-	-	-	-	-	-
Independent Power Producers and Combined Heat and Power	**2,910**	**25,023**	**73,543**	**68,268**	**88,105**	**64,582**	**73,091**	**70,923**	*****	**0.2**
Coal	2,686	24,900	45,164	44,104	46,203	42,125	45,581	49,693	*	0.2
Petroleum	-	-	3,035	2,139	881	853	1,209	575	-	*
Natural Gas	224	123	8,681	9,032	11,669	8,825	8,221	6,045	*	*
Other Renewables	-	-	16,663	12,993	29,352	12,779	18,080	14,610	-	*
Total Electric Industry	**21,633,587**	**25,304,300**	**30,485,212**	**31,618,494**	**30,455,984**	**32,008,709**	**31,464,734**	**31,669,969**	**100.0**	**100.0**
Coal	12,661,150	16,104,419	20,238,706	19,943,907	20,954,173	20,457,085	20,818,171	20,682,548	58.5	65.3
Petroleum	12,981	26,679	28,189	20,549	48,852	21,857	31,234[R]	19,489	0.1	0.1
Natural Gas	308,065	245,428	348,731	413,138	381,078	297,401	802,754	758,629	1.4	2.4
Other Gases	-	-	-	101	206	142	6	-	-	-
Nuclear	7,511,298	7,485,448	8,726,113	10,122,242	7,996,902	10,241,254	8,801,841	9,002,656	34.7	28.4
Hydroelectric	1,140,093	1,426,058	1,124,122	1,097,486	980,110	913,021	871,473	893,386	5.3	2.8
Other Renewables	-	16,268	19,293	21,071	94,663	77,949	139,254	313,261	-	1.0
Other	-	-	58	-	-	-	-	-	-	-

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
Nebraska								
Coal (cents per million Btu)	75	75	57	58	60	66	71	80
Average heat value (Btu per pound)	8,561	8,594	8,585	8,654	8,673	8,574	8,570	8,514
Average sulfur Content (percent)	0.35	0.33	0.31	0.30	0.29	0.32	0.31	0.30
Petroleum (cents per million Btu)	703	224	656	555	457	712	1,343	1,534
Average heat value (Btu per gallon)	138,043	103,081	138,571	138,043	138,040	136,976	138,119	138,124
Average sulfur Content (percent)	0.27	2.68	0.15	0.17	0.12	0.17	0.04	0.02
Natural Gas (cents per million Btu)	201	166	428	417	564	654	824	743
Average heat value (Btu per cubic foot)	946	998	1,020	1,002	998	995	990	984

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
Nebraska								
Sulfur Dioxide								
Coal	47	57	64	62	63	68	67	65
Petroleum	*	*	*	*	*	*	*	*
Natural Gas	*	-	*	-	-	-	*	*
Total	47	57	64	62	63	68	67	65
Nitrogen Oxide								
Coal	78	86	44	43	46	44	46	41
Petroleum	*	*	*	*	*	*	*	*
Natural Gas	*	*	1	1	1	*	11	19
Other	-	-	*	*	1	1	1	1
Total	78	86	45	44	48	46	58	61
Carbon Dioxide								
Coal	13,129	16,648	20,810	20,172	21,096	20,775	21,233	21,087
Petroleum	13	26	29	20	44	21	29	18
Natural Gas	188	161	253	261	248	181	817	1,188
Other Renewables	-	-	*	-	-	-	-	-
Total	13,330	16,835	21,092	20,453	21,388	20,977	22,079	22,293

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
Nebraska										
Retail Sales (thousand megawatthours)										
Residential	6,800	7,597	8,638	8,956	8,852	8,757	9,309	9,294	38.1	34.1
Commercial	5,086	5,986	7,232	7,384	8,583	8,501	8,848	9,006	28.5	33.0
Industrial	4,618	5,802	7,328	7,563	8,421	8,618	8,819	8,977	25.8	32.9
Other	1,364	1,508	1,525	1,758	NA	NA	NA	NA	7.6	NA
All Sectors	17,868	20,892	24,723	25,661	25,857	25,876	26,976	27,276	100.0	100.0
Retail Revenue (million dollars)										
Residential	423	484	562	603	608	610	665	689	42.5	41.6
Commercial	292	333	396	415	499	497	529	558	29.3	33.7
Industrial	194	223	276	294	352	369	391	409	19.4	24.7
Other	87	88	99	112	NA	NA	NA	NA	8.8	NA
All Sectors	996	1,128	1,333	1,424	1,458	1,475	1,584	1,656	100.0	100.0
Average Retail Prices (cents/KWh)										
Residential	6.23	6.37	6.50	6.73	6.87	6.96	7.14	7.41	NA	NA
Commercial	5.73	5.56	5.48	5.62	5.81	5.84	5.98	6.19	NA	NA
Industrial	4.19	3.84	3.76	3.89	4.18	4.28	4.43	4.56	NA	NA
Other	6.39	5.86	6.51	6.37	NA	NA	NA	NA	NA	NA
All Sectors	5.57	5.40	5.39	5.55	5.64	5.70	5.87	6.07	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	
Nebraska								
Number of Entities	NA	151	1	10	NA	NA	NA	162
Number of Retail Customers	NA	947,972	15	22,643	NA	NA	NA	970,630
Retail Sales (thousand megawatthours)	NA	26,441	166	669	NA	NA	NA	27,276
Percentage of Retail Sales	NA	96.94	0.61	2.45	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars)	NA	1,596	3	57	NA	NA	NA	1,656
Percentage of Revenue	NA	96.40	0.17	3.43	NA	NA	NA	100.00
Average Retail Price (cents/kWh)	NA	6.04	1.72	8.48	NA	NA	NA	6.07

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
Nebraska								
Supply								
Generation								
Electric Utilities	21,631	25,279	30,412	31,550	30,368	31,944	31,392	31,599
Combined Heat and Power, Electric	-	-	8	8	21	*	8	4
Electric Power Sector Generation Subtotal	**21,631**	**25,279**	**30,420**	**31,558**	**30,389**	**31,944**	**31,400**	**31,604**
Combined Heat and Power, Commercial	-	-	17	17	20	22	19	17
Combined Heat and Power, Industrial	3	25	48	44	46	42	46	50
Industrial and Commercial Generation Subtotal	**3**	**25**	**65**	**61**	**67**	**65**	**65**	**66**
Total Net Generation	**21,634**	**25,304**	**30,485**	**31,618**	**30,456**	**32,009**	**31,465**	**31,670**
Total International Imports	**-**	**-**	**-**	**-**	**2**	**-**	*****	*****
Total Supply	**21,634**	**25,304**	**30,485**	**31,618**	**30,458**	**32,009**	**31,465**	**31,670**
Disposition								
Retail Sales								
Full Service Providers	17,868	20,892	24,723	25,661	25,857	25,876	26,976	27,276
Total Electric Industry Retail Sales	**17,868**	**20,892**	**24,723**	**25,661**	**25,857**	**25,876**	**26,976**	**27,276**
Direct Use	**3**	**25**	**70**	**71**	**72**	**72**	**75**	**73**
Total International Exports	**-**	**-**	**-**	**-**	**-**	**3**	**4**	**1**
Estimated Losses	**1,340**	**1,586**	**1,404**	**2,099**	**1,847**	**2,118**	**2,321**	**2,437**
Total Disposition	**19,211**	**22,504**	**26,196**	**27,831**	**27,775**	**28,069**	**29,376**	**29,788**
Net Interstate Trade	**2,423**	**2,801**	**4,289**	**3,787**	**2,683**	**3,940**	**2,089**	**1,882**
Net Trade Index (ratio)	**1.13**	**1.12**	**1.16**	**1.14**	**1.10**	**1.14**	**1.07**	**1.06**

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.