

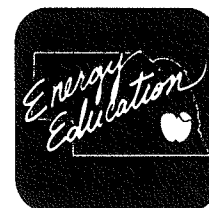
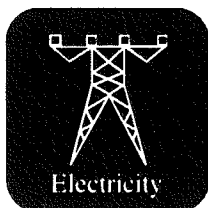
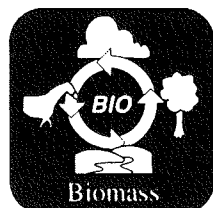
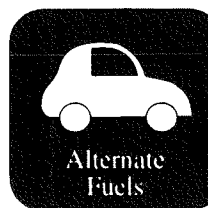
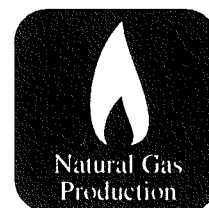
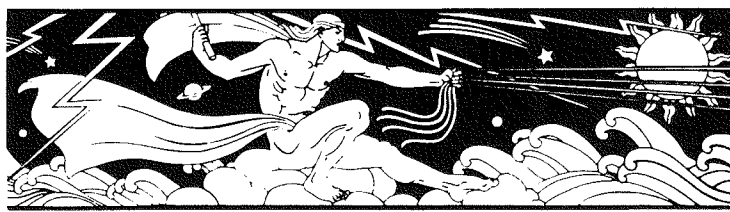
Nebraska Energy Office

Nebraska Energy Statistics

1992-1994 Update



E • N • E • R • G • Y



Nebraska Energy Office Energy Statistics, 1992-1994 Update presents the most current information available about Nebraska's energy consumption and production. This publication presents revised data for 1992 and 1993 and preliminary data for 1994. It is intended to be used with the data presented in *Nebraska Energy Office Energy Statistics, 1960-1993*. This publication is a useful reference for energy planners, policy makers and consumers.

This report is divided into six sections with appendix. The first presents an overview of energy use and trends in the state. The second section covers energy use and trends in the residential, commercial, industrial, transportation and electric utility sectors. The third section provides specific information on consumption and trends for natural gas, petroleum, electricity and coal. Section four contains production information for crude oil, natural gas and ethanol. Electricity generation and facilities are covered in section five. Section six contains miscellaneous information such as degree days, population and motor vehicle data. The appendix contains conversion factors.

This report was compiled and prepared by the Nebraska Energy Office. The statistical series presented represent those determined to be most useful. An update, rather than a full reprint of the entire data series was deemed appropriate to save on printing costs. The complete data series for each table can be obtained by contacting the Energy Office. Every effort has been made to ensure accuracy.

Suggestions or comments regarding this publication are welcome.

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Total Energy Consumption and Expenditures

Total Energy Consumption

There are two common ways to account for energy consumption: primary resource consumption and end-use energy consumption. End-use refers to the energy content of electricity and other fuels at the point of use by consumers. Approximately 70% of the primary energy used to generate and distribute electricity is lost as waste heat. This loss is referred to as associated energy losses or electric system losses throughout this report. Unless otherwise noted, total energy consumption refers to total primary energy consumption adjusted for net interstate sales of electricity.

Total energy consumption in 1994 was 561.0 trillion Btus, a 5.3% increase from 1993. This is a record peak consumption, exceeding the previous record of 554.4 trillion Btus set in 1977 by 1.2%. Petroleum use increased 2.8% from 1993, natural gas use increased 0.7%, coal use decreased 3.6%, nuclear power use decreased 6.7%, and hydroelectric power increase 32.0%. Overall, consumption of primary energy resources decreased 0.2% in 1994 from 1993. Interstate sales of electricity decreased 65.6%.

Resource Consumption by Type, Nebraska, 1992-1994

(Trillion Btu)

Year	Petroleum	Natural Gas	Coal	Nuclear	Hydro	Primary Total	Net I/S Sales	Total
1992	206.8	104.6	140.9	93.4	11.1	556.9	-51.2	505.8
1993	205.8	123.0	166.1	72.7	10.3	578.0	-45.3	532.6
1994	211.5	123.8	160.1	67.8	13.6	576.9	-15.6	561.0

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

NOTES: Primary energy consumption includes energy used in the generation of electricity whether that electricity is used in Nebraska or not. Net I/S (Interstate) Sales represents the difference between the energy in electricity sold (including associated losses and the energy input at electric utilities in Nebraska). (Negative if exports, positive if imports.) From 1960-1964 and 1992-1994, a small amount of other energy was consumed.

Energy Consumption by Fuel Type by Sector, Nebraska, 1993 and 1994

(Trillion Btu)

1993 Fuel Type	Residential	Commercial	Industrial	Transportation	Electric Utilities	Primary Total	End-Use Total
Coal	*	0.1	6.8	-	159.2	166.1	6.9
Natural Gas	47.0	33.9	37.8	2.5	1.9	123.0	121.1
Petroleum	5.3	2.8	47.5	150.0	0.2	205.8	205.6
Motor Gasoline	-	0.1	3.7	90.9	-	94.7	94.7
Aviation Fuel	-	-	-	6.8	-	6.8	6.8
Propane	4.2	0.7	5.6	0.2	-	10.8	10.8
Distillates	1.0	1.8	28.7	50.2	0.2	81.8	81.6
Other Petroleum	0.1	0.1	9.5	2.0	-	11.7	11.7
Nuclear Power	-	-	-	-	72.7	72.7	-
Hydroelectric Power	-	-	-	-	10.3	10.3	-
Other	-	-	-	-	0.1	0.1	-
Total Primary	52.3	36.8	92.1	152.5	244.3	578.0	-
Electric Sales	24.7	22.4	16.9	-	-	-	64.0
Net Interstate Sales	-	-	-	-	-45.3	-45.3	-
Total Net End-Use	77.0	59.1	109.0	152.5	-	-	397.6
Elec. System Losses	52.0	47.3	35.7	-	-	-	135.0
Total End-Use	129.0	106.3	144.7	152.5	-	532.6	532.6

Energy Consumption by Fuel Type by Sector, Nebraska, 1993 and 1994

(Trillion Btu)

1994 Fuel Type	Residential	Commercial	Industrial	Transportation	Electric Utilities	Primary Total	End-Use Total
Coal	0.1	0.1	7.9	-	152.0	160.1	8.1
Natural Gas	43.7	38.3	36.4	2.5	2.9	123.8	120.9
Petroleum	5.6	3.0	50.4	152.4	0.1	211.5	211.4
Motor Gasoline	-	0.1	3.6	89.1	-	92.8	98.4
Aviation Fuel	-	-	-	8.7	-	8.7	8.7
Propane	4.7	0.8	6.3	0.2	-	12.0	12.0
Distillates	0.9	1.9	31.4	52.4	0.1	86.7	86.6
Other Petroleum	*	0.1	9.1	2.0	-	11.3	11.3
Nuclear Power	-	-	-	-	67.8	67.8	-
Hydroelectric Power	-	-	-	-	13.6	13.6	-
Other	-	-	-	-	0.1	0.1	-
Total Primary	49.4	41.4	94.6	154.9	236.3	576.6	-
Electric Sales	25.5	24.3	18.1	-	-	-	68.0
Net Interstate Sales	-	-	-	-	-15.6	-15.6	-
Total Net End-Use	74.9	65.7	112.8	154.9	-	-	408.2
Elec. System Losses	57.3	54.6	40.8	-	-	-	152.7
Total End-Use	132.2	120.3	153.6	154.9	-	561.0	561.0

Source: State Energy Data Report, Consumption Estimates, 1960-1993. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

NOTE: * represents less than 0.05 trillion Btu.

Energy Consumption by End-Use Sector, Nebraska, 1992-1994

(Trillion Btu)

Year	Residential	Commercial	Industrial	Transportation	Total
1992	116.2	106.2	131.3	152.1	505.8
1993	129.0	106.3	144.7	152.5	532.6
1994	132.2	120.3	153.6	154.9	561.0

Sources: State Energy Data Report, Consumption Estimates, 1960-1993. Energy Information Administration. U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

In 1994, per capita energy consumption in Nebraska increased 4.7% from 1993 to 345.7 million Btu. This compares to peak per capita consumption of 356.6 million Btu in 1976. Also, per capita consumption in 1993 was 5.4% higher than the 328.1 million Btu per capita for the United States.

Per Capita Energy Consumption, Nebraska and United States, 1992-1994

Nebraska		Year	United States	
Total Energy Consumption (Trillion Btu)	Per Capita Energy Consumption (Million Btu)		Total Energy Consumption (Trillion Btu)	Per Capita Energy Consumption (Million Btu)
505.8	314.9	1992	82,127.9	322.0
532.6	330.2	1993	83,957.8	324.9
561.0	345.7	1994	85,641.0	328.1

Sources: State Energy Data Report, Consumption Estimates, 1960-1993. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. Annual Energy Review, 1994. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. Statistical Abstract of the United States, 1994. U.S. Department of Commerce, Bureau of the Census. Washington, D.C. December, 1994. 1994 Nebraska Preliminary Estimates. Nebraska Energy Office.

**Consumption per Constant Dollar of Gross Domestic Product, U.S., and
Gross State Product, Nebraska, 1992-1994**

Nebraska		Year	United States	
Total Energy Consumption (Trillion Btu)	Consumption per Gross State Product ¹		Total Energy Consumption (Trillion Btu)	Consumption per Gross Domestic Product ¹
505.8	16.0	1992	82,127.9	16.5
532.6	16.4	1993	83,957.8	16.4
561.0	17.0	1994	85,641.0	16.0

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. *Annual Energy Review, 1994*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. *Survey of Current Business*. Bureau of Economic Analysis, U.S. Department of Commerce. Washington, D.C. Various issues. 1994 Nebraska Preliminary Estimates. Nebraska Energy Office.

NOTE: ¹ Thousand Btu per 1987 dollar. 1987 dollars calculated using implicit price deflators.

Total Energy Expenditures

Expenditures on energy for 1994 were \$3,232.0 million (\$3.232 billion), an increase of 1.8% from 1993. Expenditures for natural gas, coal, and nuclear fuel decreased in 1994, down 2.2%, 1.1%, and 5.4% respectively from 1993. Expenditures for electricity and petroleum increased over 1993 levels by 1.4% and 4.2%, respectively.

Total Expenditures, Nebraska, 1992-1994
(Million Dollars)

Year	Petroleum	Natural Gas	Coal	Nuclear Fuel	Primary Total	Less Electric Utility	Electricity	Total
1992	1,621.6	418.8	110.2	53.6	2,204.3	159.2	982.0	3,027.1
1993	1,618.9	512.1	131.0	46.5	2,308.6	172.8	1,039.0	3,174.3
1994	1,641.6	500.8	129.5	44.0	2,315.9	166.8	1,083.0	3,232.0

Sources: *State Energy Price and Expenditures Report: 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Expenditures by End-Use Sector, Nebraska, 1992-1994
(Million Dollars)

Year	Residential	Commercial	Industrial	Transportation	Total
1992	645.9	533.4	543.0	1,304.9	3,027.1
1993	724.6	549.1	566.8	1,334.4	3,174.9
1994	725.2	577.7	587.2	1,341.9	3,232.0

Sources: *State Energy Price and Expenditure Report: 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Total Energy Consumption and Expenditures

Expenditures by Fuel Type and Consuming Sector, Nebraska, 1993 and 1994
(Million Dollars)

1993 Fuel Type	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total Expenditures
Coal	0.1	0.1	10.6	-	120.2	131.0
Natural Gas	239.3	148.3	119.5	-	5.0	512.1
Petroleum	33.2	13.7	236.7	1,334.4	1.0	1,618.9
Motor Gasoline	-	1.0	34.1	848.6	-	883.8
Aviation Fuel	-	-	-	30.8	-	30.8
Propane	27.2	4.9	37.0	1.1	-	70.3
Distillates	5.5	7.3	125.3	415.8	1.0	555.0
Other Petroleum	0.4	0.5	40.3	38.1	-	79.0
Nuclear Power	-	-	-	-	46.5	46.5
Other	-	-	-	-	0.1	0.1
Total Primary	272.6	162.1	366.8	1,334.4	172.8	2,308.6
Less Utility	-	-	-	-	-172.8	-172.8
Electric Expenditures	452.0	387.0	200.0	-	-	1,039.0
Total Expenditures	724.6	549.1	566.8	1,334.4	-	3,174.9

1994 Fuel Type	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total Expenditures
Coal	0.2	0.1	12.7	-	116.5	129.5
Natural Gas	218.9	162.5	113.5	-	5.9	500.8
Petroleum	33.1	14.1	252.1	1,341.9	0.4	1,641.6
Motor Gasoline	-	1.0	33.5	831.9	-	866.4
Aviation Fuel	-	-	-	36.2	-	36.2
Propane	28.1	4.8	38.2	1.4	-	72.4
Distillates	4.8	7.9	136.8	433.5	0.4	583.5
Other Petroleum	0.2	0.4	43.6	38.9	-	83.1
Nuclear Power	-	-	-	-	44.0	44.0
Other	-	-	-	-	0.1	0.1
Total Primary	252.2	176.7	378.2	1,341.9	166.8	2,315.9
Less Utility	-	-	-	-	-166.8	-166.8
Electric Expenditures	473.0	401.0	209.0	-	-	1,083.0
Total Expenditures	725.2	577.7	587.2	1,341.9	-	3,232.0

Source: *State Energy Price and Expenditures Report: 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Per capita expenditures on energy in Nebraska increased by more than \$23 to \$1,991.37 in 1994 from \$1,968.32 in 1993. Per capita expenditures were about \$80 more in Nebraska than for the United States.

Per Capita Expenditures, Nebraska and United States, 1992-1994

Nebraska		Year	United States	
Total Expenditures (Million Dollars)	Per Capita Expenditures (Dollars)		Total Expenditures (Million Dollars)	Per Capita Expenditures (Dollars)
3,027	1,884.87	1992	472,699	1,853.15
3,175	1,968.32	1993	493,337	1,908.98
3,232	1,991.37	1994	498,747	1,910.69

Sources: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. *Statistical Abstract of the United States, 1994*. U.S. Department of Commerce, Bureau of the Census. Washington, D.C. December, 1994. 1994 Preliminary Estimates. Nebraska Energy Office.

In 1994, expenditures on energy represented 7.8 cents of each dollar of gross state product, down 0.1 cent from 1993, the previous lowest level recorded. This compares with 7.4 cents for the United States.

**Expenditures per Constant Dollar of Gross Domestic Product, U.S., and
Gross State Product, Nebraska, 1992-1994**

Nebraska		Year	United States	
Total Expenditures (Million Dollars)	Expenditures Per Dollar of GSP (Cents/Dollar)		Total Expenditures (Million Dollars)	Expenditures Per Dollar of GDP (Cents/Dollar)
3,027	7.9	1992	472,699	7.9
3,175	7.9	1993	493,337	7.8
3,232	7.8	1994	498,747	7.4

Sources: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. *Survey of Current Business*. Bureau of Economic Analysis, U.S. Department of Commerce. Washington, D.C. Various issues. 1994 Preliminary Estimates. Nebraska Energy Office.

Energy Consumption, Prices and Expenditures by Consuming Sector

Overview

This section contains information on energy consumption, prices and expenditures for the residential, commercial, industrial, transportation, and electric utility sectors.

For the residential, commercial, and industrial sectors, a net total (less electrical system losses) is provided to indicate the energy actually consumed by these sectors. In addition, energy consumed in the generation, transmission, and distribution of electricity is allocated to each sector based on the electricity consumed by the sector. Thus, total consumption represents the energy consumed by the sector as well as that used to provide electricity to the sector.

Residential Sector

The residential sector consists of private households. Energy is consumed primarily for space heating, water heating, air conditioning, refrigeration, cooking, clothes drying, and lighting. Fuel used for motor vehicles by household members is included in the transportation sector.

Between 1993 and 1994, residential sector net energy use decreased 2.7%, 20.7% below the peak recorded in 1972. Total energy attributed to the residential sector in 1994 increased 2.5% over 1993. Electricity use was up 3.2% from 1993, natural gas use was down 7.0% from 1993, and petroleum use was up 9.4% from 1993.

Residential Sector Energy Consumption, Nebraska, 1992-1994
(Trillion Btu)

Year	Coal	Natural Gas	Heating Oil	Kerosene	Propane	Electricity	Net Energy	Electric System Losses	Total Energy
1992	0.1	40.6	0.8	0.1	4.5	22.4	68.4	47.8	116.2
1993	0.1	47.0	1.0	0.1	4.2	24.7	77.0	52.0	129.0
1994	0.1	43.7	0.9	0.1	4.7	25.5	74.9	57.3	132.2

Source: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 preliminary Estimates. Nebraska Energy Office.

In 1994, average energy prices for the residential increased 3.0% from the 1993 average energy price. Natural gas, heating oil, kerosene, and propane prices decreased from 1993 levels. Coal and electricity prices increased from 1993 levels.

Residential Sector Energy Prices, Nebraska, 1992-1994
(Dollars/Million Btu)

Year	Coal	Natural Gas	Heating Oil	Kerosene	Propane	Electricity	Average
1992	2.39	4.92	5.51	6.78	6.65	18.36	9.44
1993	2.44	5.09	5.65	6.95	6.45	18.33	9.41
1994	2.54	5.01	5.64	6.08	5.95	18.55	9.69

Source: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

In 1994, total residential sector expenditures on energy increased 0.1% to \$725.2 million, setting a new record for residential expenditures on energy. Expenditures for coal, propane, and electricity increased in 1994. Expenditures for natural gas, heating oil, and kerosene decreased in 1994.

Residential Sector Expenditures on Energy, Nebraska, 1992-1994

(Million Dollars)

Year	Coal	Natural Gas	Heating Oil	Kerosene	Propane	Electricity	Total
1992	0.1	199.6	4.7	0.4	30.0	411.0	645.9
1993	0.1	239.3	5.5	0.4	27.2	452.0	724.6
1994	0.2	218.9	4.8	0.2	28.1	473.0	725.2

Source: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Commercial Sector

The commercial sector consists of nonmanufacturing business establishments, including hotels,, motels, restaurants, wholesale businesses, retail stores, laundries, and other service enterprises; health, social, and educational institutions; and federal, state, and local governments. Street lights, pumps, bridges, and public services are included. Fuel used in motor vehicles for commercial purposes is included in the transportation sector. Common uses of energy in the commercial sector include, for example, space heating, water heating, refrigeration, air conditioning, and cooking.

Over the last year, commercial net energy use increased 11.2% to 65.7 trillion Btu. Total energy in the sector increased 13.2% to 120.3 trillion Btu. Electricity use was up 15.4% over 1993. Natural gas use was up 13.0% over 1993. Petroleum use was up 7.4% over 1993.

Commercial Sector Energy Consumption, Nebraska, 1992-1994

(Trillion Btu)

Year	Coal	Natural Gas	Diesel Fuel	Propane	Gasoline	Other Petroleum	Electricity	Net Total	Electric System Losses	Total
1992	0.1	33.8	1.6	0.8	0.5	0.3	22.1	59.0	47.1	106.2
1993	0.1	33.9	1.8	0.7	0.1	0.1	22.4	59.1	47.3	106.3
1994	0.1	38.3	1.9	0.8	0.1	0.1	24.3	65.7	54.6	120.3

Source: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

NOTE: Other petroleum includes kerosene and residual fuel.

1994 commercial sector energy prices for gasoline and coal increased from 1993 levels. Prices decreased for natural gas, diesel fuel, propane, electricity, and other petroleum products.

Commercial Sector Energy Prices, Nebraska, 1992-1994

(Dollars/Million Btu)

Year	Coal	Natural Gas	Diesel Fuel	Propane	Gasoline	Other Petroleum	Electricity	Average
1992	1.57	4.07	4.18	7.73	9.09	2.07	17.12	9.03
1993	1.55	4.38	4.12	6.58	9.33	2.69	17.29	9.29
1994	1.61	4.24	4.11	6.07	9.34	2.68	16.50	8.80

Source: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

NOTE: Other petroleum includes kerosene and residual fuel.

Commercial energy expenditures increased 5.2% to \$577.7 million in 1994. Electricity and natural gas are the major expenditures in this sector. Electricity expenditures increased by 3.6% and natural gas expenditures increased by 9.6% from 1993 levels.

Commercial Sector Expenditures on Energy, Nebraska, 1992-1994

(Million Dollars)

Year	Coal	Natural Gas	Diesel Fuel	Propane	Gasoline	Other Petroleum	Electricity	Total
1992	0.1	137.6	6.6	6.2	4.4	0.6	378.0	533.4
1993	0.1	148.3	7.3	4.9	1.0	0.4	387.0	549.1
1994	0.1	162.5	7.9	4.8	1.0	0.4	401.0	577.7

Source: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

NOTE: Other petroleum includes kerosene and residual fuel.

Industrial Sector

The industrial sector consists of manufacturing, construction, mining, agriculture, and forestry organizations. Energy used by this sector to transport products to market or inputs to the organizations is included in the transportation sector.

In 1994, industrial sector net energy use increased 3.5% from 1993. Total energy attributed to the industrial sector in 1994 increased 6.2% from 1993. Coal use was up 16.2% from 1993, electricity use was up 7.1% from 1993, diesel fuel use was up 9.4% from 1993, and propane use was up 12.5% from 1993. Natural gas use was down 3.7% from 1993.

Industrial Sector Energy Consumption, Nebraska, 1992-1994

(Trillion Btu)

Year	Coal	Natural Gas	Diesel Fuel	Propane	Gasoline	Other Petroleum	Electricity	Net Total	Electric System Losses	Total
1992	6.0	28.6	28.6	6.2	4.3	9.4	16.2	96.7	34.6	131.3
1993	6.8	28.7	28.7	5.6	3.7	9.5	16.9	109.0	35.7	144.7
1994	7.9	31.4	31.4	6.3	3.6	9.2	18.1	112.8	40.8	153.6

Source: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

NOTE: Other petroleum includes asphalt, road oil, kerosene, lubricants, and residual fuel.

In 1994, energy prices paid by the industrial sector decreased for natural gas, diesel fuel, propane, gasoline, and electricity. Prices increased for coal and other petroleum products.

Industrial Sector Energy Prices, Nebraska, 1992-1994

(Dollars/Million Btu)

Year	Coal	Natural Gas	Diesel Fuel	Propane	Gasoline	Other Petroleum	Electricity	Average
1992	1.57	2.98	4.70	7.73	9.09	4.74	11.90	5.64
1993	1.55	3.17	4.37	6.58	9.33	4.50	11.81	5.22
1994	1.61	3.12	4.36	6.07	9.34	4.77	11.52	5.21

Sources: *State Energy Price and Expenditures Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Note: Other petroleum includes asphalt, road oil, kerosene, lubricants and residual fuel.

Industrial sector expenditures on energy increased 3.6% in 1994 to \$587.2 million. This compares with peak expenditures of \$589.9 million in 1985.

Industrial Sector Expenditures on Energy, Nebraska, 1992-1994

(Million Dollars)

Year	Coal	Natural Gas	Diesel Fuel	Propane	Gasoline	Other Petroleum	Electricity	Total
1992	9.4	77.2	134.5	48.0	39.4	41.3	193.0	543.0
1993	10.6	119.5	125.3	37.0	34.1	40.4	200.0	566.8
1994	12.7	113.5	136.8	38.2	33.5	43.6	209.0	587.2

Sources: *State Energy Price and Expenditures Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Note: Other petroleum includes asphalt, road oil, kerosene, lubricants, and residual fuel.

Transportation Sector

The transportation sector consists of private and public vehicles that move people and commodities. Included are automobiles, trucks, buses, motorcycles, railroads, aircraft, ships, barges, and natural gas pipelines. Natural gas use reflects the fuel needed to move natural gas through pipelines to end users in the residential, commercial, industrial, and electric utility sectors.

Transportation energy use in 1994 increased 1.6% to 154.9 trillion Btu from 152.5 trillion Btu in 1993. This compares with peak consumption of 172.9 trillion Btu in 1978.

Transportation Sector Energy Consumption, Nebraska, 1992-1994

(Trillion Btu)

Year	Natural Gas	Aviation Fuel	Diesel Fuel	Propane	Gasoline	Other Petroleum	Total
1992	2.5	7.0	50.9	0.2	89.5	2.0	152.0
1993	2.5	6.8	50.2	0.2	90.9	2.0	152.5
1994	2.5	8.7	52.4	0.2	89.1	2.0	154.9

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Notes: Aviation fuel includes aviation gasoline and jet fuel. Other petroleum includes lubricants and residual fuel.

Prices of aviation fuel, diesel fuel, and propane decreased from 1993 levels. Prices for gasoline and other petroleum products increased in 1994.

Transportation Sector Energy Prices, Nebraska, 1992-1994

(Dollars/Million Btu)

Year	Aviation Fuel	Diesel Fuel	Propane	Gasoline	Other Petroleum	Average
1992	4.86	8.20	7.73	9.09	19.43	8.72
1993	4.56	8.29	6.58	9.33	18.94	8.89
1994	4.13	8.27	6.07	9.34	19.78	8.80

Sources: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Notes: Aviation fuel includes aviation and jet fuel. Other petroleum includes lubricants and residual fuel.

Transportation sector expenditures on energy increased 0.6% in 1994 to \$1,341.9 million (\$1.342 billion) from expenditures of energy of \$1,334.4 million in 1993.

Transportation Sector Expenditures on Energy, Nebraska, 1992-1994
(Million Dollars)

Year	Aviation Fuel	Diesel Fuel	Propane	Gasoline	Other Petroleum	Total
1992	34.2	417.1	1.3	814.0	38.3	1,304.9
1993	30.8	514.8	1.1	848.6	38.0	1,334.4
1994	36.2	433.5	1.4	831.9	38.9	1,341.9

Sources: *State Energy Price and Expenditure Report, 1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Electric Utility Sector

The electric utility sector consists of generation facilities which generate electricity primarily for use by the public. Energy is used for the generation, distribution, and transmission of electric power.

In 1994, energy use in the electric utility sector decreased 3.3% from 1993. This decrease was due to a 4.5% decrease in generation by coal and a 6.7% decrease in generation by nuclear power. These decreases were partially offset by small increases in generation from petroleum, natural gas, and hydro-electric power.

Electric Utility Sector Energy Consumption, Nebraska, 1992-1994
(Trillion Btu)

Year	Coal	Natural Gas	Petroleum	Nuclear Power	Hydro Power	Total
1992	134.8	1.8	0.1	93.4	11.1	241.3
1993	159.2	1.8	0.2	72.7	10.3	244.3
1994	152.0	2.9	0.1	67.8	13.6	236.3

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Coal and nuclear fuel prices were slightly higher in 1994 than in 1993. Coal prices remain 40% below the peak price paid in 1984. Natural gas and petroleum prices decreased from 1993 to 1994.

Electric Utility Sector Energy Prices, Nebraska, 1992-1994
(Dollars/Million Btu)

Year	Coal	Natural Gas	Petroleum	Nuclear Power	Average
1992	0.75	2.38	4.65	0.57	0.69
1993	0.76	2.73	4.20	0.64	0.74
1994	0.77	2.05	4.02	0.65	0.71

Sources: *State Energy Price and Expenditure Report, 1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Electric utility expenditures on energy decreased 3.5% in 1994 to \$166.8 million. This compares with peak expenditures of \$191.7 million in 1984.

Electric Utility Sector Expenditures on Energy, Nebraska, 1992-1994
(Million Dollars)

Year	Coal	Natural Gas	Petroleum	Nuclear Power	Total
1992	100.6	4.3	0.7	53.6	159.2
1993	120.2	5.0	1.0	46.5	172.8
1994	116.5	5.9	0.4	44.0	166.8

Sources: *State Energy Price and Expenditure Report, 1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Energy Resource Statistics

Natural Gas

Natural gas use in Nebraska for 1994 was 126 billion cubic feet, no change from consumption in 1993. Natural gas use has shown a general decline in Nebraska since annual consumption peaked at 230 billion cubic feet in 1973.

Natural Gas Consumption by Sector, Nebraska, 1992-1994

(Billion Cubic Feet)

Year	Residential	Commercial	Industrial	Transportation	Electric Utility	Total
1992	41	34	26	3	2	107
1993	48	35	39	3	2	126
1994	44	39	37	3	3	126

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. *1994 Natural Gas Monthly.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

The residential natural gas price increased 3.3%, the commercial price increased 7.8%, the industrial price increased 6.2%, and the electric utility price increased 14.9% in 1994 from 1993 price levels. Natural gas prices rose for the sixth consecutive year, but remain lower than 1984 prices.

Natural Gas Prices by Sector, Nebraska, 1992-1994

(Dollars/Thousand Cubic Feet)

Year	Residential	Commercial	Industrial	Electric Utility	Average
1992	4.64	3.87	2.76	1.86	3.87
1993	4.82	3.98	2.92	2.28	4.01
1994	4.98	4.29	3.10	2.62	4.16

Sources: *State Energy Price and Expenditure Report, 1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. *1994 Natural Gas Monthly.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

Expenditures on natural gas decreased from \$512.1 million in 1993 to \$500.8 million in 1994. Expenditures on natural gas peaked at \$567.2 million in 1984.

Expenditures on Natural Gas by Sector, Nebraska, 1992-1994

(Million Dollars)

Year	Residential	Commercial	Industrial	Electric Utility	Total
1992	199.6	137.6	77.2	4.3	418.8
1993	239.3	148.3	119.5	5.0	512.1
1994	218.9	162.5	113.5	5.9	500.8

Sources: *State Energy Price and Expenditure Report, 1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. *1994 Preliminary Estimates.* Nebraska Energy Office.

Natural Gas Deliveries to Residential Consumers, Nebraska, Monthly 1992-1994

(Million Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	6,858	5,956	4,706	3,760	2,020	1,311	1,047	983	1,096	2,030	4,561	7,085	41,413
1993	9,013	6,132	7,668	5,098	2,360	1,495	1,119	999	1,217	1,998	4,336	6,820	48,255
1994	8,455	8,562	6,098	4,020	2,328	1,179	1,014	935	1,037	1,523	6,820	6,076	44,396

Source: *Natural Gas Monthly.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

Natural Gas Prices to Residential Consumers, Nebraska, Monthly 1992-1994

(Dollars/Thousand Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	4.57	4.28	4.26	4.41	4.91	5.47	5.90	6.24	6.16	5.78	5.15	4.90	4.82
1993	4.75	4.57	4.53	4.80	5.54	6.02	6.49	6.75	6.43	5.73	4.98	4.77	4.96
1994	4.86	4.72	4.97	5.09	5.39	6.10	6.32	6.54	6.26	5.60	4.85	4.57	5.01

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Natural Gas Deliveries to Commercial Consumers, Nebraska, Monthly 1992-1994**

(Million Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	4,332	3,760	2,970	2,411	1,781	1,330	2,366	2,393	1,710	2,508	3,988	4,941	34,490
1993	5,781	3,804	4,609	3,117	1,628	1,387	1,324	1,827	1,333	2,163	3,494	4,259	34,726
1994	5,471	5,456	4,090	2,741	1,934	2,284	2,501	3,614	1,834	2,240	2,606	4,174	38,945

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Natural Gas Prices to Commercial Consumers, Nebraska, Monthly 1992-1994**

(Dollars/Thousand Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	4.12	3.87	3.76	3.69	3.75	3.98	3.69	3.78	3.93	4.21	4.27	4.31	3.99
1993	4.33	4.19	4.15	4.23	4.57	4.12	4.54	4.18	4.79	4.21	4.16	4.27	4.27
1994	4.48	4.36	4.52	4.55	5.34	3.80	3.72	3.69	3.79	4.04	3.95	4.07	4.24

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Natural Gas Deliveries to Industrial Consumers, Nebraska, Monthly 1992-1994**

(Million Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	2,243	2,350	2,015	2,172	1,710	2,197	1,917	1,966	2,111	2,226	2,529	3,015	26,451
1993	2,540	1,800	3,309	4,550	2,813	2,819	3,258	2,711	3,429	3,301	3,913	4,234	38,677
1994	3,062	2,867	3,400	3,314	2,666	2,995	2,975	2,765	2,895	2,712	3,447	3,862	36,960

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Natural Gas Prices to Industrial Consumers, Nebraska, Monthly 1992-1994**

(Dollars/Thousand Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	3.03	2.61	2.42	2.39	2.45	2.60	2.65	2.96	3.00	3.62	3.41	3.36	2.92
1993	3.15	2.95	2.88	3.08	3.83	2.50	2.83	2.79	3.13	3.11	3.14	3.48	3.09
1994	3.56	3.61	3.68	3.17	3.07	2.75	2.78	2.69	2.71	2.53	2.81	2.95	3.12

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Natural Gas Deliveries to Electric Utilities, Nebraska, Monthly 1992-1994**

(Million Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	97	76	213	211	111	139	153	85	280	210	191	136	1,902
1993	104	48	111	148	137	114	454	399	82	120	60	98	1,875
1994	94	49	204	553	413	741	235	155	168	159	152	139	3,062

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

Natural Gas Prices to Electric Utilities, Nebraska, Monthly 1992-1994

(Dollars/Thousand Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	2.80	2.58	2.02	1.54	2.31	2.10	2.12	2.50	2.27	2.46	2.32	2.84	2.28
1993	2.88	2.61	2.46	2.45	2.87	2.26	2.35	3.01	2.87	2.58	2.86	3.14	2.66
1994	3.11	3.14	2.58	2.10	1.93	1.86	2.12	2.11	2.03	1.51	1.86	1.93	2.02

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Natural Gas Deliveries to All Consumers, Nebraska, Monthly 1992-1994**

(Million Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	13,529	12,142	9,903	8,555	5,622	4,977	5,483	5,428	5,197	6,974	11,269	15,177	104,256
1993	17,438	11,784	15,697	12,914	6,938	5,815	6,155	5,936	6,061	7,581	11,803	15,412	123,534
1994	17,082	16,935	13,792	10,627	7,342	7,200	6,726	7,468	5,934	6,634	9,374	14,251	123,365

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Average Natural Gas Prices to All Consumers, Nebraska, Monthly 1992-1994**

(Dollars/Thousand Cubic Feet)

Table Discontinued Data is no longer published by EIA-DOE.													
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Average City Gate Price of Natural Gas, Nebraska, Monthly 1992-1994

(Dollars/Thousand Cubic Feet)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	2.71	2.36	2.46	2.47	3.07	3.28	3.18	3.23	3.47	3.55	3.15	3.09	2.91
1993	2.92	2.78	2.78	3.19	3.94	3.49	3.37	3.51	6.24	4.28	3.96	3.96	3.46
1994	2.73	2.92	3.17	2.95	3.94	3.85	3.38	3.50	3.28	3.22	2.65	2.38	2.98

Source: *Natural Gas Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

Average Consumption by a residential customer in 1994 decreased 11.1% to 104 thousand cubic feet. Similarly the average residential natural gas bill in 1994 decreased 8.9% from 1993 to \$521. The average residential natural gas bill peaked at \$622 in 1984.

Average Annual Consumption, Cost and Number of Customers, Residential and Commercial Sectors, Nebraska, 1992-1994

Year	Residential				Commercial		
	Consumption (mcf)	Cost (dollars)	Customers ('000)		Consumption (mcf)	Cost (dollars)	Customers ('000)
1992	99	477	419		562	2,237	61
1993	117	572	413		573	2,441	61
1994	104	521	428		628	2,663	62

Source: *Natural Gas Annual 1994*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. November 1995.

Petroleum

Petroleum use in Nebraska for 1994 was 39,229 thousand barrels (39.23 million barrels), an increase of 2.7% from 1993. Petroleum use peaked at 46,268 thousand barrels in 1978 before falling sharply between 1979 and 1981 due to a rapid increase in prices.

Petroleum Consumption by Product, Nebraska, 1992-1994

(Thousand Barrels)

Year	Motor Gasoline	Distillate Fuel	Jet Fuel	Aviation Gasoline	Kerosene	Propane	Residual Fuel	Other*	Total
1992	17,955	14,091	1,198	81	20	3,225	187	1,678	38,435
1993	18,024	14,049	1,157	72	24	2,984	278	1,592	38,180
1994	17,663	14,877	1,477	69	20	3,316	223	1,585	39,229

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

*NOTE: Other includes asphalt, road oil, lubricants, and other specialty products.

Petroleum Consumption by Sector, Nebraska, 1992-1994

(Thousand Barrels)

Year	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total
1992	1,401	624	8,960	27,426	25	38,435
1993	1,349	557	8,707	27,525	42	38,180
1994	1,455	593	9,276	27,890	16	39,229

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Petroleum product prices in Nebraska decreased in 1994 for distillate fuel, jet fuel, aviation gasoline, kerosene, and propane. Prices of gasoline and residual fuel increased in 1994.

Petroleum Product Prices, Nebraska, 1992-1994

(Dollars/Gallon)

Year	Gasoline	Distillate Fuel	Jet Fuel	Aviation Gasoline	Kerosene	Propane	Residual Fuel
1992	1.18	0.99	0.68	1.05	0.84	0.67	0.30
1993	1.14	0.95	0.63	1.03	0.81	0.63	0.29
1994	1.17	0.94	0.58	0.99	0.77	0.56	0.34

Sources: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Expenditures on petroleum products increased to \$1,641.6 million (\$1.64 billion) in 1994, a 1.4% increase from 1993. Peak expenditures for petroleum products were \$1,697.7 in 1990.

Expenditures on Petroleum Products, Nebraska, 1992-1994

(Million Dollars)

Year	Motor Gasoline	Distillate Fuel	Jet Fuel	Aviation Gasoline	Kerosene	Propane	Residual Fuel	Other*	Total
1992	857.8	563.5	30.7	3.5	0.7	85.5	2.3	77.6	1,621.6
1993	883.8	555.0	27.8	3.0	0.8	70.3	4.0	74.4	1,618.9
1994	866.4	583.5	33.4	2.8	0.5	72.4	3.3	79.3	1,641.6

Sources: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

*NOTE: Other includes asphalt, road oil, lubricants, and other specialty products.

Expenditures on Petroleum Products by Sector, Nebraska, 1992-1994

(Million Dollars)

Year	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total
1992	35.1	17.7	263.3	1,304.9	0.7	1,621.6
1993	33.2	13.7	236.7	1,334.4	1.0	1,618.9
1994	33.1	14.1	252.1	1,341.9	0.4	1,641.6

Sources: *State Energy Price and Expenditure Report, 1993.* Energy Information Administration. U.S. Department of Energy. Washington, D.C.
December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Gasoline Available for Sale, Nebraska, Monthly 1992-1994

(Thousand Gallons)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	29,636	27,780	29,624	34,041	35,847	37,732	37,131	37,475	37,604	37,585	32,716	36,177	413,348
1993	26,188	31,206	34,549	35,040	37,176	44,653	48,039	50,154	46,389	45,965	44,007	47,776	491,142
1994	37,960	36,969	40,878	43,800	46,121	47,907	49,490	49,480	45,577	45,687	44,418	44,223	532,510

Source: Nebraska Department of Roads *Monthly Fuel Consumption Report.*

Gasohol - 10% ethanol/90% gasoline - use in Nebraska of 223,097 thousand (223 million) gallons in 1994 was a 20.3% decrease from 1993. This is 40% below the record total of 371,792 thousand gallons used in 1992. This decrease is primarily the result of the end of the 2¢ tax credit at the pump for gasohol on December 31, 1992.

Gasohol Available for Sale, Nebraska, Monthly 1992-1994

(Thousand Gallons)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	29,791	28,096	30,370	31,374	32,231	32,186	31,352	31,963	30,519	31,576	30,278	32,056	371,792
1993	29,705	21,675	25,844	25,279	22,860	21,764	22,320	21,435	21,399	20,384	22,911	24,237	279,813
1994	17,088	17,806	20,207	17,842	17,892	18,481	18,904	17,055	18,162	19,143	20,099	20,418	223,097

Source: Nebraska Department of Roads *Monthly Fuel Consumption Report.*

NOTE: For purposes of the Nebraska motor vehicle fuels tax, gasohol is defined as gasoline containing a minimum of 10% agricultural ethyl alcohol which is at least 99% pure.

Highway Diesel Available for Sale, Nebraska, Monthly 1992-1994

(Thousand Gallons)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	21,310	18,091	18,336	24,254	20,085	17,266	16,609	17,610	17,688	19,079	17,013	16,805	224,146
1993	21,866	16,647	17,245	22,270	20,398	22,431	19,794	24,835	24,381	21,067	24,718	24,824	260,476
1994	23,289	18,677	23,290	24,368	21,492	23,444	23,352	23,174	28,866	24,720	26,358	24,792	285,822

Source: Nebraska Department of Roads *Monthly Fuel Consumption Report.*

Aviation Fuel Available for Sale, Nebraska, Monthly 1992-1994

(Thousand Gallons)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	2,292	1,859	2,210	2,063	2,047	2,406	2,723	2,520	2,286	2,545	2,143	2,838	27,932
1993	2,329	2,104	2,695	2,495	2,332	2,644	2,398	2,764	2,315	2,192	2,155	2,347	28,770
1994	2,536	2,685	2,796	2,529	2,784	3,036	3,264	3,565	3,252	3,196	3,222	3,023	35,888

Source: Form ELA-782C: *Monthly Report of Petroleum Products Sold into States for Consumption.* Filed by prime suppliers.

NOTE: Aviation fuel includes jet fuel and aviation gasoline.

Propane Available for Sale, Nebraska, Monthly 1992-1994

(Thousand Gallons)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	9,965	7,098	5,507	3,981	3,193	3,887	6,332	6,729	7,191	13,504	20,818	16,441	104,646
1993	12,043	11,646	8,743	4,774	2,340	2,607	2,868	7,329	8,180	13,704	13,281	9,980	97,495
1994	20,076	17,430	9,781	5,469	4,638	8,637	7,263	11,486	12,957	17,974	10,628	14,753	140,592

Source: Form ELA-782C: Monthly Report of Petroleum Products Sold into States for Consumption. Filed by prime suppliers.

Unleaded Gasoline Prices at Self-Service Pumps, Nebraska, Monthly 1992-1994

(Cents/Gallon)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	104.5	107.7	109.7	112.9	117.8	120.1	118.0	119.7	120.3	117.4	119.3	112.3	115.0
1993	113.2	111.0	113.5	115.1	116.1	116.3	113.0	108.9	111.2	118.8	114.8	108.4	113.4
1994	101.7	112.1	109.4	111.0	113.4	116.2	117.6	126.5	118.0	112.5	114.1	109.7	113.5

Sources: Monthly Price Survey. AAA Cornhusker Motor Club. Omaha, Nebraska. Monthly. Annual Averages. Nebraska Energy Office.

Unleaded Gasohol Prices at Self-Service Pumps, Nebraska, Monthly 1992-1994

(Cents/Gallon)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	100.2	104.4	106.5	107.5	114.8	117.1	114.3	117.0	117.6	116.4	116.8	109.5	111.8
1993	112.6	110.9	114.7	114.4	115.4	116.1	112.3	108.3	110.5	118.2	113.8	107.4	112.9
1994	101.0	111.9	109.1	110.8	115.4	116.0	118.5	126.7	117.9	112.3	113.8	110.4	113.6

Sources: Monthly Price Survey. AAA Cornhusker Motor Club. Omaha, Nebraska. Monthly. Annual Averages. Nebraska Energy Office.

Diesel Fuel Prices at Full-Service Pumps, Nebraska, Monthly 1992-1994

(Cents/Gallon)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	111.8	113.8	117.8	117.2	117.6	118.9	123.5	123.1	121.6	124.4	125.0	118.4	119.4
1993	116.2	116.9	117.5	120.5	118.9	121.9	116.8	112.2	115.8	131.2	133.1	121.9	120.2
1994	116.9	122.3	121.9	126.4	121.4	118.6	121.2	122.5	128.9	121.9	133.0	122.4	123.1

Sources: Comparative Fuel Report. Household Goods Carriers Bureau. Arlington, Virginia. Monthly. Annual Averages. Nebraska Energy Office.

Sales of Distillate Fuel Oil by End Use, Nebraska, 1992-1994

(Thousand Gallons)

Year	Residential	Commercial	Industrial	Oil Company	Farm	Electric Utility	Railroad	On-Highway	Military	Off-Highway	Total
1992	6,251	11,604	6,630	29	194,423	674	126,990	242,727	327	10,325	599,980
1993	7,332	13,368	5,734	9	195,278	1,272	107,504	257,871	395	14,265	603,029
1994	6,437	14,475	4,040	78	221,032	1,879	100,192	281,594	770	10,052	640,551

Source: Fuel Oil and Kerosene Sales. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Annual.

Electricity

Electricity use in Nebraska increased to 19,911 million kilowatthours in 1994, a 6.2% increase from record consumption in 1993. Electricity use increased 3.4% in the residential sector, 8.6% in the commercial sector, and increased 7.2% in the industrial sector.

Prices for electricity increased 1.1% in the residential sector in 1994, decreased by 4.6% in the commercial sector and decreased by 2.5% in the industrial sector.

Expenditures for electricity increased to \$1,083.0 million in 1994, 4.2% more the previous peak of \$1,039.0 million set in 1993.

Electricity Consumption, Prices, and Expenditures by Sector, Nebraska, 1992-1994

Year	Consumption (Million Kilowatthours)				Prices (Cents/Kilowatthour)				Expenditures (Million Dollars)			
	Residen- tial	Com- mercial	Indus- trial	Total	Residen- tial	Com- mercial	Indus- trial	Average	Residen- tial	Comm- ercial	Indus- trial	Total
1992	6,561	6,470	4,752	17,783	6.27	5.84	4.06	5.52	411.0	378.0	193.0	982.0
1993	7,226	6,560	4,963	18,749	6.26	5.90	4.03	5.54	452.0	387.0	200.0	1,039.0
1994	7,473	7,121	5,317	19,911	6.33	5.63	3.93	5.44	473.0	401.0	209.0	1,083.0

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. *State Energy Price and Expenditure Report, 1993.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Electricity Sales to Residential Consumers, Nebraska, Monthly 1992-1994

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	687	594	530	514	461	481	626	613	547	470	564	721	6,808
1993	702	629	628	530	449	506	699	754	552	456	530	680	7,115
1994	754	675	587	503	499	659	760	719	635	512	504	657	7,464

Source: *Electric Power Monthly.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

Electricity Sales to Commercial Consumers, Nebraska, Monthly 1992-1994

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	526	502	485	485	517	551	610	616	646	522	553	623	6,636
1993	564	525	530	501	494	558	619	658	617	538	522	574	6,700
1994	587	535	527	496	560	646	658	696	733	565	535	581	7,119

Source: *Electric Power Monthly.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

Electricity Sales to Industrial Consumers, Nebraska, Monthly 1992-1994

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	344	335	338	343	362	390	371	396	384	380	380	372	4,395
1993	389	387	399	390	409	451	435	483	425	438	433	411	5,050
1994	412	401	411	405	450	482	449	502	471	460	449	425	5,317

Source: *Electric Power Monthly.* Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

Electricity Sales to All Consumers, Nebraska, Monthly 1992-1994

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1,557	1,431	1,353	1,341	1,339	1,422	1,607	1,624	1,578	1,372	1,497	1,717	17,838
1993	1,655	1,541	1,558	1,421	1,352	1,515	1,752	1,895	1,595	1,433	1,485	1,665	18,867
1994	1,754	1,610	1,525	1,404	1,509	1,787	1,867	1,917	1,838	1,537	1,485	1,663	19,896

Source: *Electric Power Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.Residential Customers' Average Annual Cost, Price and Consumption,
Nebraska's Three Largest Electric Utilities

Year	Consumption (Kilowatthours)			Cost (Dollars)			Price (Cents/Kilowatthour)		
	LES	NPPD	OPPD	LES	NPPD	OPPD	LES	NPPD	OPPD
1992	7,864	9,463	9,546	470	652	634	5.97	6.90	6.64
1993	8,709	10,452	10,395	532	698	706	6.11	6.68	6.80
1994	9,024	10,508	10,710	565	724	720	6.26	6.89	6.72

Sources: *Annual Report*. Lincoln Electric System (LES). Lincoln, Nebraska. Annual. *Annual Report*. Nebraska Public Power District (NPPD). Columbus, Nebraska. Annual. *Annual Report*. Omaha Public Power District. Omaha, Nebraska. Annual.

Coal

Coal use in Nebraska for 1994 was 9,300 thousand (9.3 million) short tons, a 3.8% decrease from 1993. Coal use for electricity generation accounted for 95.5% of the coal used in Nebraska in 1994.

Coal Consumption by Sector, Nebraska, 1992-1994

(Thousand Short Tons)

Year	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total
1992	3	3	325	0	7,881	8,212
1993	2	3	364	0	9,297	9,666
1994	3	4	414	0	8,879	9,300

Sources: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Coal prices recorded increases in 1994 over 1993 levels. Residential prices increased 1.3%, commercial/industrial prices increased 3.9% and electric utility prices increased 1.35% in 1994. The 1994 electric utility price of \$13.18 per ton remained far below the peak price of \$22.84 paid in 1978.

Coal Prices by Sector, Nebraska, 1992-1994

(Dollars/Ton)

Year	Residential	Commercial, Industrial, & Transportation	Electric Utilities
1992	15.33	28.96	12.83
1993	16.50	29.03	13.01
1994	16.71	30.16	13.18

Source: *State Energy Price and Expenditure Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Expenditures on coal in Nebraska decreased to \$129.5 million in 1994, a 1.1% decrease from 1993 expenditures. This compares to peak expenditures of \$164 million in 1984.

Expenditures for Coal by Sector, Nebraska, 1992-1994

(Million Dollars)

Year	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total
1992	0.1	0.1	9.4	0.0	100.6	110.2
1993	0.1	0.1	10.6	0.0	120.2	131.0
1994	0.2	0.1	12.7	0.0	116.5	129.5

Sources: *State Energy Price and Expenditures Report, 1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. December, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

Coal shipped into Nebraska to electric power plants was nearly all low sulfur coal from Wyoming. In 1994, 99.9% of the coal used in Nebraska power plants came from Wyoming.

Coal Shipped into Nebraska by State of Origin, 1992-1994.

(Thousand Tons)

Table Discontinued Nearly all (99%+) is from Wyoming.
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Crude Oil, Natural Gas Production and Ethanol Consumption**Crude Oil**

Petroleum production in Nebraska for 1994 was 4,217,322 barrels, a decrease of 13.4% from 1993 production of 4,868,255 barrels. This is the lowest production level in Nebraska since 1960. Petroleum production in 1994 from Nebraska was equivalent to 10.8% of the petroleum consumed in the state, though it should be noted that petroleum produced in Nebraska is exported.

Crude Oil Production, Wellhead Price, Producing Wells and Proven Reserves, Nebraska, 1992-1994

Year	Production (Thousand Barrels)	Wellhead Price (Dollars per Barrel)	Producing Wells (As of December 31)	Proven Reserves (Million Barrels)
1992	5,474	17.51	1,660	26.0
1993	4,868	14.90	1,582	20.0
1994	4,217	13.60	1,489	22.0

Sources: *Nebraska Oil Activity Summary, Annual Report*. Nebraska Oil and Gas Conservation Commission. Sidney, Nebraska. Annual. *Petroleum Marketing Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly. *U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves: 1994 Annual Report*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. October, 1995.

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Crude Oil Production, Nebraska, Monthly 1992-1994

(Thousand Barrels)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	487.1	454.3	477.8	465.9	475.6	449.5	457.5	449.0	442.5	451.0	428.8	434.7	5,473.6
1993	423.1	380.5	424.2	411.1	426.4	416.2	419.3	410.8	393.8	428.8	377.9	386.7	4,898.6
1994	377.4	335.2	368.9	330.1	365.5	346.8	357.9	355.2	346.1	351.9	337.2	345.0	4,217.1

Source: *Nebraska Oil Activity Monthly Summary*. Nebraska Oil and Gas Conservation Commission. Sidney, Nebraska. Monthly.

Production of Crude Oil by County, Nebraska, 1992-1994

(Thousand Barrels)

Year	Banner	Chase	Cheyenne	Dundy	Frontier	Furnas	Garden	Harlan	Hayes
1992	389.4	2.5	751.1	123.3	62.8	28.4	2.1	16.6	149.5
1993	347.0	2.2	783.5	110.1	54.9	24.6	1.8	11.8	125.8
1994	308.5	1.8	682.8	101.5	54.7	20.0	1.1	12.4	119.5

Year	Hitchcock	Kimball	Lincoln	Morrill	Red Willow	Richardson	Scottsbluff	Sioux	Total
1992	1,525.8	1,357.6	3.1	149.4	785.7	38.2	84.6	3.8	5,474.2
1993	1,340.4	1,123.6	1.9	134.8	690.2	38.1	76.1	1.4	4,868.3
1994	1,170.8	911.8	1.6	135.6	574.8	42.1	77.3	0.0	4,216.3

Source: *Nebraska Oil Activity Annual Summary*. Nebraska Oil and Gas Conservation Commission. Sidney, Nebraska. Annual.**Natural Gas**

Natural gas production in Nebraska for 1994 was 2,898,059 thousand (2.9 billion) cubic feet, an increase of 37.1% from 1993 production of 2,114,246 thousand (2.1 billion) cubic feet. Production in 1994 was the highest reported in Nebraska since 1979. Natural gas production in 1994 in Nebraska was equivalent to 2.3% of the natural gas consumed in Nebraska in 1994.

Production of Natural Gas, Wellhead Price, Producing Wells and Proven Reserves, Nebraska, 1992-1994

Year	Production (Million Cubic Feet)	Wellhead Price (Cents/Thousand Cubic Feet)	Producing Wells (As of December 31)	Proven Reserves* (Billion Cubic Feet)
1992	1,177	178.0	22	93.0
1993	2,114	181.0	69	96.0
1994	2,898	160.0	76	67.0

Sources: *Nebraska Oil Activity Summary, Annual Report*. Nebraska Oil and Gas Conservation Commission. Sidney, Nebraska. Annual. *Natural Gas Annual 1994, Volume 1*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. November, 1995. *U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves: 1994 Annual Report*. Energy Information Administration, U.D. Department of Energy. Washington, D.C. October, 1995.

NOTE: Nebraska reserves are included with a group of states, including Arizona, Illinois, Indiana, Iowa, Maryland, Minnesota, Missouri, Oregon, South Dakota, Tennessee, Virginia and Washington.

Natural Gas Production by County, Nebraska, 1992-1994

(Million Cubic Feet)

Year	Banner	Cheyenne	Dundy	Kimball	Morrill	Scottsbluff	Sioux	Total
1992	37.9	800.1	0.3	302.7	24.8	6.4	4.2	1,176.5
1993	33.5	1,642.8	0.0	407.8	25.2	4.9	0.0	2,114.2
1994	32.5	2,401.1	0.0	438.5	20.7	5.3	0.0	2,898.1

Source: *Nebraska Oil Activity Annual Summary*. Nebraska Oil and Gas Conservation Commission. Sidney, Nebraska. Annual.**Well Drilling**

There were 36 drilling permits issued in 1994 for exploratory wells, a decrease of 33.3% from the 54 permits in 1993. Thirty permits were issued for development wells in 1994, a 56.5% decrease from the 69 issued in 1993.

Exploratory Well Permits Issued, Nebraska, 1992-1994

(Number of Permits)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1	4	4	2	1	1	5	9	10	4	10	7	58
1993	3	6	5	2	1	0	12	3	7	7	5	3	54
1994	2	2	4	1	4	1	2	3	5	4	2	6	36

Source: *Nebraska Oil Activity Monthly Summary*. Nebraska Oil and Gas Conservation Commission. Sidney, Nebraska. Monthly.**Development Well Permits Issued, Nebraska, 1992-1994**

(Number of Permits)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	4	5	9	3	2	1	4	3	7	8	1	5	52
1993	2	3	5	5	3	3	5	14	6	16	5	2	69
1994	2	5	3	0	1	3	4	1	1	1	0	9	30

Source: *Nebraska Oil Activity Monthly Summary*. Nebraska Oil and Gas Conservation Commission. Sidney, Nebraska. Monthly.**Stripper Wells, Stripper Wells Abandoned, Stripper Well Production and Percentage of Total Crude Oil Production, Nebraska, 1991-1993**

Year	Stripper Wells	Stripper Wells Abandoned	Stripper Well Production (Thousand Barrels)	Percent of Total Crude Oil Production
1991	1,190	43	1,871.5	32.1
1992	1,209	48	2,023.4	37.0
1993	1,274	65	2,214.6	45.5

Source: *Basic Petroleum Data Book, Petroleum Industry Statistics*. American Petroleum Institute. Washington, D.C. May, 1994.**Ethanol**

Ethanol production in Nebraska in 1994 was approximately 90-100 million gallons, up from 46 million gallons in 1993. In 1994, gasohol recorded a 29.5% market share of gasoline sales in Nebraska. This is down from the record market share of 47.4% set in 1992, primarily because of the end of the 2¢ per gallon pump credit on gasohol on December 31, 1992.

Ethanol Fuel Available for Sale and Market Share, Nebraska, 1992-1994

Year	Gasohol Available for Sale (Thousand Gallons)	Market Share (Percentage)
1992	371,792	47.4
1993	279,813	36.3
1994	223,097	29.5

Source: *Monthly Motor Fuel Consumption*. Nebraska Department of Roads. Monthly.**Unleaded Gasoline Price, F.O.B., Omaha, Nebraska, Monthly 1992-1994**

(Dollars/Gallon)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	0.544	0.569	0.608	0.640	0.684	0.700	0.657	0.653	0.681	0.667	0.616	0.589	0.634
1993	0.582	0.587	0.660	0.650	0.660	0.620	0.670	0.680	0.680	0.610	0.560	0.460	0.618
1994	0.480	0.510	0.520	0.560	0.560	0.590	0.630	0.680	0.580	0.520	0.560	0.500	0.558

Source: *Unpublished Computer Printout*. Nebraska Ethanol Committee. Lincoln, Nebraska. Monthly.

Ethanol Price, F.O.B., Omaha, Nebraska, Monthly 1992-1994

(Dollars/Gallon)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Ave.
1992	1.22	1.24	1.29	1.32	1.37	1.41	1.35	1.36	1.41	1.38	1.33	1.26	1.33
1993	1.14	1.23	1.20	1.21	1.19	1.14	1.09	1.12	1.12	1.18	1.11	1.16	1.16
1994	1.13	1.16	1.13	1.12	1.12	1.19	1.25	1.32	1.26	1.21	1.22	1.18	1.19

Source: *Unpublished Computer Printout. Nebraska Ethanol Committee. Lincoln, Nebraska. Monthly.***Electricity Generation**

Generation of electricity in Nebraska decreased 3.4% to 21,947 gigawatthours (million kilowatthours) in 1994. Coal accounted for 63.8%, nuclear power 29.2%, hydro-electric power 6.0% and natural gas, petroleum, and other 1.3% of the power generated. Nebraska remained a net exporter of electricity.

Electricity Generated by Fuel Type, Nebraska, 1992-1994

(Million Kilowatthours)

Year	Coal	Petroleum	Natural Gas	Nuclear Power	Hydro Power	Other	Total
1992	12,403	10	145	8,749	1,075	7	22,390
1993	14,740	18	153	6,805	1,002	5	22,724
1994	14,002	19	258	6,405	1,311	11	21,947

Source: *Electric Power Annual. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Annual.*

Generation by coal was 14,002 gigawatthours in 1994, a decrease of 5.0% from the 14,470 gigawatthours in 1993. Generation by nuclear power decreased by 5.9% in 1994 to 6,405 gigawatthours from 1993. Generation from hydro-electric power increased 30.8% in 1994 to 1,311 gigawatthours. Generation from natural gas, petroleum and other increased 63.6% in 1994 to 288 gigawatthours.

Electricity Generation by Natural Gas, Nebraska, Monthly 1992-1994

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	6	5	17	16	8	11	13	7	21	15	15	11	145
1993	8	4	9	11	11	10	38	31	7	11	5	8	153
1994	8	4	18	48	34	63	19	13	13	14	12	12	258

Source: *Electric Power Monthly. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.***Electricity Generation by Coal, Nebraska, Monthly 1992-1994**

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1,219	1,162	1,095	974	967	843	1,177	1,174	886	800	803	1,303	12,403
1993	1,343	1,232	1,404	1,203	1,023	1,168	1,217	1,137	1,120	1,320	1,188	1,385	14,740
1994	1,359	1,340	1,157	635	851	1,262	1,364	1,404	1,147	1,172	967	1,344	14,002

Source: *Electric Power Monthly. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.*

Electricity Generation by Hydro Power, Nebraska, Monthly 1992-1994

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	71	74	96	95	102	110	123	120	91	80	51	62	1,075
1993	69	73	83	64	82	84	76	73	95	105	104	94	1,002
1994	92	86	101	89	122	121	139	129	101	112	105	114	1,311

Source: *Electric Power Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Electricity Generation by Nuclear Power, Nebraska, Monthly 1992-1994**

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	880	411	570	433	818	865	643	702	699	905	900	923	8,749
1993	919	796	390	198	312	279	350	858	802	568	567	766	6,805
1994	908	785	590	895	800	339	349	349	341	339	348	362	6,405

Source: *Electric Power Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Electricity Generation by Petroleum, Nebraska, Monthly 1992-1994**

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1	1	0	0	1	1	1	1	0	1	2	1	10
1993	2	1	1	2	2	1	6	1	1	0	0	1	18
1994	5	2	1	1	2	3	1	1	1	0	1	1	19

Source: *Electric Power Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Total Electricity Generation, Nebraska, Monthly 1992-1994**

(Million Kilowatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	2,178	1,653	1,778	1,519	1,895	1,830	1,957	2,004	1,699	1,802	1,773	2,302	22,390
1993	2,341	2,106	1,888	1,478	1,429	1,544	1,688	2,101	2,025	2,005	1,865	2,254	22,724
1994	2,372	2,218	1,807	1,669	1,811	1,789	1,873	1,896	1,605	1,639	1,434	1,834	21,947

Source: *Electric Power Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.**Operable Electric Generating Capacity by Energy Source,
Nebraska, December 1994**

(Megawatts)

No Changes from 1993 Data.

Source: *Inventory of Power Plants in the United States, 1994*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Annual.**Operable Electric Generating Capacity by Year of Initial Operation,
by Energy Type, Nebraska, 1919-1994**

(Megawatts)

No Changes from 1993 Data.

Source: *Inventory of Power Plants in the United States, 1994*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Annual.

Operable Electric Generating Units, Nebraska, December 1994

No new electric units came on line and no units were retired from service during 1994.

Source: *Inventory of Power Plants in the United States, 1994. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Annual.*

Nuclear power generation by Nebraska Public Power District's Cooper Station was 2,227 gigawatthours. Generation from Omaha Public Power District's Fort Calhoun Station was 4,118 gigawatthours. It should be noted that by contract 50% of the production of Cooper Station belongs to the Iowa Power and Light Company.

Nuclear Power Generation, Fort Calhoun Station, Monthly 1992-1994
(Gigawatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	307	-3	-2	-4	245	319	99	218	271	359	349	362	2,521
1993	361	325	321	198	312	279	350	351	249	-2	11	336	3,092
1994	347	278	362	349	357	339	348	349	341	339	348	362	4,118

Source: *Electric Power Monthly. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.*

Nuclear Power Generation, Cooper Station, Monthly 1992-1994
(Gigawatthours)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	573	414	572	437	572	546	544	484	428	545	550	561	6,228
1993	558	471	69	0	0	0	0	507	552	571	556	430	3,713
1994	562	508	168	546	444	0	0	0	0	0	0	0	2,227

Source: *Electric Power Monthly. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.*

Hydro Power Generation, Nebraska, 1992-1994
(Megawatthours)

Plant	1992	1993	1994
Central Nebraska Public Power and Irrigation District			
Jeffrey Canyon	87,341	89,562	84,379
Johnson No. 1	54,484	63,908	54,187
Johnson No. 2	65,431	68,577	65,809
Kingsley	45,854	47,103	111,379
Nebraska Public Power District			
Columbus	120,151	114,912	106,668
Kearney	36	16	17
Minnechaduza	135	118	0
Monroe	23,919	24,486	21,536
North Platte	84,131	84,310	86,977
Spencer	9,432	13,117	12,390
Spalding	579	426	38
U.S. Corps of Engineers			
Gavins Point	583,953	495,128	768,503
Total	1,075,446	1,001,663	1,311,883

Source: *Electric Power Monthly. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.*

Coal Plant Generation, Nebraska, 1992-1994
(Megawatthours)

Plant	1992	1993	1994
Fremont	272,296	254,667	300,854
Grand Island	382,774	507,108	519,539
Hastings	244,750	365,448	427,149
Nebraska Public Power District			
Gentleman	5,439,630	6,836,456	6,754,637
Sheldon	959,057	1,090,836	1,285,150
Omaha Public Power District			
Nebraska City	2,752,288	3,241,132	2,630,509
North Omaha	2,351,353	2,444,136	2,084,177
Nebraska Total	12,402,148	14,739,783	14,002,015
Lincoln Electric System			
Laramie River ⁽¹⁾	1,448,742	1,336,458	1,220,897

Source: *Electric Power Monthly*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. Monthly.

NOTE: ⁽¹⁾ Lincoln Electric System ownership share of Laramie River plant in Wyoming

Purchases of electricity from the Western Area Power Administration represented approximately 12.0% of the electricity used in Nebraska in 1994. This electricity was obtained by municipalities, state agencies and public utility districts in Nebraska at a cost of 1.78 cents per kilowatthour.

**Electricity Purchased from the Western Area Power Administration,
Total Cost and Price per Kwh, Nebraska, Fiscal Year 1992-1994**

Year	Megawatts Purchased	Total Cost (\$)	Average Price (¢ per Kwh)
1992	2,096,373	33,332,203	1.59
1993	2,166,067	36,296,611	1.68
1994	2,384,147	42,401,401	1.78

Source: *Western Area Power Administration Annual Reports*.

Miscellaneous Statistics

Overview

This section includes other data such as heating and cooling degree days, population, motor vehicle registrations, motor vehicle mileage and irrigation acreage which have an impact on energy consumption in Nebraska.

Heating Degree Days Weighted by Population, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1009	790	696	473	182	68	36	52	118	402	946	1231	6003
1993	1458	1267	922	548	217	62	15	15	202	449	944	1083	7182
1994	1390	1241	731	457	139	18	21	19	83	343	751	1131	6324
Ave. ⁽¹⁾	1312	1064	821	433	183	35	10	15	106	415	845	1206	6444

Source: *Monthly State, Regional and National heating Degree Days Weighted by Population.* National Oceanic and Atmospheric Administration. Asheville, N.C. Monthly.

NOTE: ⁽¹⁾ Average based on the years 1975-1994.

Heating Degree Days, Chadron, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1083	837	771	560	232	49	19	55	168	433	940	1399	6546
1993	1366	1295	871	549	223	121	36	34	323	618	1030	1028	7494
1994	1228	1171	704	540	143	17	9	3	82	419	872	1009	6197
Ave. ⁽¹⁾	1282	1051	864	534	249	55	7	13	151	494	926	1221	6847

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Chadron, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	0	33	91	113	142	27	9	0	0	415
1993	0	0	0	0	23	68	94	119	6	1	0	0	311
1994	0	0	0	4	66	182	256	334	111	0	0	0	953
Ave. ⁽¹⁾	0	0	0	3	26	141	291	249	81	3	0	0	795

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Grand Island, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	947	778	686	433	170	23	10	25	92	381	959	1223	5727
1993	1468	1271	928	550	177	45	0	9	170	460	911	1028	7017
1994	1358	1280	730	453	126	9	1	9	93	335	745	1130	6269
Ave. ⁽¹⁾	1295	1061	810	428	157	19	2	8	106	406	839	1190	6321

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Grand Island, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	13	55	103	172	156	87	13	0	0	599
1993	0	0	0	0	21	146	269	273	27	23	0	0	759
1994	0	0	0	20	110	274	209	234	159	1	0	0	1007
Ave. ⁽¹⁾	0	0	1	15	55	226	354	292	115	7	0	0	1065

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Holdrege, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	988	798	678	459	185	59	16	43	112	383	957	1318	5996
1993	1474	1254	916	579	212	66	0	14	191	444	942	1021	7113
1994	1305	1254	720	497	148	11	1	0	101	319	803	1078	6237
Ave. ⁽¹⁾	1259	1029	809	444	172	26	3	9	104	396	837	1159	6247

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Holdrege, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	8	47	79	171	130	72	6	0	0	513
1993	0	0	0	0	17	114	237	239	24	16	0	0	647
1994	0	0	0	15	75	254	214	240	112	4	0	0	914
Ave. ⁽¹⁾	0	0	1	12	42	202	326	269	108	7	0	0	967

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Lincoln, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	941	784	654	405	150	11	0	12	90	355	926	1128	5456
1993	1395	1182	885	525	164	49	0	4	169	471	890	1050	6784
1994	1362	1205	704	433	146	9	3	10	100	348	729	1129	6178
Ave. ⁽¹⁾	1307	1068	782	403	135	14	1	5	95	381	806	1182	6178

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Lincoln, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	9	71	152	250	182	111	12	0	0	787
1993	0	0	0	0	22	157	343	317	24	18	0	0	881
1994	0	0	0	28	88	273	246	225	140	3	0	0	1003
Ave. ⁽¹⁾	0	0	1	18	59	244	390	340	140	14	0	0	1207

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, McCook, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1086	754	640	400	158	43	8	40	78	360	931	1258	5756
1993	1378	1209	825	530	175	55	0	9	195	412	912	980	6680
1994	1180	1171	657	446	114	3	3	0	70	325	749	992	5710
Ave. ⁽¹⁾	1214	981	776	438	182	27	2	9	100	399	813	1117	6060

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, McCook, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	6	56	97	217	156	80	3	0	0	615
1993	0	0	0	0	24	153	246	257	32	13	0	0	725
1994	0	0	0	20	92	315	227	309	113	2	0	0	1078
Ave. ⁽¹⁾	0	0	0	10	41	207	356	294	115	7	0	0	1030

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Norfolk, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1001	812	717	492	176	21	13	42	119	426	949	1259	6027
1993	1460	1308	962	545	167	52	0	11	188	473	952	1097	7215
1994	1472	1305	742	487	115	14	0	12	75	309	759	1209	6499
Ave. ⁽¹⁾	1370	1125	858	453	157	22	2	11	119	437	883	1268	6705

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Norfolk, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	9	61	114	130	131	60	12	0	0	517
1993	0	0	0	0	25	141	263	259	23	20	0	0	731
1994	0	0	0	27	103	271	215	198	143	2	0	0	959
Ave. ⁽¹⁾	0	0	1	17	58	213	336	270	102	6	0	0	1001

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, North Platte, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1010	797	714	436	219	45	18	60	113	466	970	1310	6158
1993	1436	1311	862	578	204	73	2	24	218	513	975	1066	7262
1994	1263	1151	724	517	131	5	3	8	90	395	820	1106	6213
Ave. ⁽¹⁾	1312	1053	841	490	218	42	4	15	142	476	903	1219	6715

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, North Platte, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	13	31	54	130	116	60	1	0	0	405
1993	0	0	0	0	15	88	212	194	24	6	0	0	539
1994	0	0	0	10	63	213	183	251	111	0	0	0	831
Ave. ⁽¹⁾	0	0	0	6	25	147	290	239	76	2	0	0	785

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Omaha Eppley, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	999	816	656	425	154	11	2	26	114	359	881	1141	5584
1993	1403	1192	904	514	140	34	0	1	171	448	895	1097	6799
1994	1448	1174	702	432	120	8	0	5	83	302	698	1116	6088
Ave. ⁽¹⁾	1335	1080	796	409	138	15	1	7	101	392	813	1217	6303

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Omaha Eppley, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	7	63	150	198	136	90	11	0	0	655
1993	0	0	0	0	35	188	322	297	21	6	0	0	869
1994	0	0	0	28	108	287	262	248	151	9	0	0	1093
Ave. ⁽¹⁾	0	0	2	19	71	234	370	301	119	9	0	0	1125

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, O'Neill, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1048	882	807	611	214	54	44	67	148	459	1013	1356	6703
1993	1535	1371	968	613	243	87	4	24	248	508	1028	1144	7773
1994	1507	1371	813	573	176	20	15	13	132	402	860	1232	7114
Ave. ⁽¹⁾	1390	1133	896	493	190	35	8	13	137	456	929	1288	6968

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, O'Neill, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	0	40	53	94	133	45	11	0	0	376
1993	0	0	0	0	8	100	194	213	17	8	0	0	540
1994	0	0	0	5	85	203	195	187	106	0	0	0	781
Ave. ⁽¹⁾	0	0	0	10	44	180	314	265	93	0	0	0	911

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Pawnee City, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	915	740	568	362	119	6	0	8	90	306	848	1029	4991
1993	1308	1071	796	531	117	37	0	2	125	406	821	944	6158
1994	1294	1078	625	372	75	5	0	0	75	257	559	976	5316
Ave. ⁽¹⁾	1200	954	673	337	89	7	1	2	71	302	702	1074	5411

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Pawnee City, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	1	15	88	138	307	197	119	21	0	0	886
1993	0	0	0	0	44	250	342	403	31	13	0	0	1083
1994	0	0	0	30	83	326	366	383	160	14	0	0	1362
Ave. ⁽¹⁾	0	0	3	27	101	292	434	376	163	19	1	0	1414

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Scottsbluff, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1042	783	731	48	194	45	22	57	107	465	1019	1430	6333
1993	1362	1323	841	567	204	121	3	23	237	568	1061	1078	7388
1994	1147	1066	751	521	121	13	10	14	84	483	868	1095	6173
Ave. ⁽¹⁾	1226	987	823	507	233	49	4	11	136	478	888	1183	6527

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Scottsbluff, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	7	36	79	140	131	39	0	0	0	432
1993	0	0	0	0	18	71	159	142	10	0	0	0	400
1994	0	0	0	0	51	203	213	279	86	0	0	0	832
Ave. ⁽¹⁾	0	0	0	3	24	151	299	237	71	1	0	0	786

See notes and sources after Valentine Cooling Degree Days.

Heating Degree Days, Valentine, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	1115	867	800	515	211	70	49	75	141	447	1039	1370	6699
1993	1462	1354	896	630	244	100	5	31	253	561	1076	1116	7728
1994	1435	1339	822	558	149	36	13	22	111	489	841	1139	6954
Ave. ⁽¹⁾	1381	1133	922	544	237	54	9	21	165	518	957	1302	7242

See notes and sources after Valentine Cooling Degree Days.

Cooling Degree Days, Valentine, Nebraska, Monthly 1992-1994

(Degree Days)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	0	0	0	14	41	54	74	125	63	6	0	0	377
1993	0	0	0	0	2	73	163	179	28	5	0	0	450
1994	0	0	0	9	67	156	183	227	97	0	0	0	739
Ave. ⁽¹⁾	0	0	0	7	34	150	296	236	79	3	0	0	804

Source: *Climatological Data, Nebraska*. National Oceanic and Atmospheric Administration. Asheville, N.C. Monthly.NOTE: ⁽¹⁾ Averages are calculated based on the years 1975-1994.

Motor Vehicle Registrations, Nebraska, 1992-1994

Year	Autos	Farm Trucks	Other Trucks	Motorcycles	All Other*	Total
1992	895,461	140,095	269,195	19,582	296,302	1,620,635
1993	940,667	149,403	288,608	18,882	301,757	1,699,317
1994	955,138	148,664	272,685	19,084	264,975	1,660,536

Source: *Annual Registration Report*. Nebraska Department of Motor Vehicles. Lincoln, Nebraska. Annual.

NOTE: * All other includes buses, trailers, dealers, government and mobile homes.

Motor Vehicle Miles Traveled, Nebraska, Monthly 1992-1994

(Million Miles)

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total
1992	974	1,044	1,097	1,174	1,272	1,372	1,433	1,426	1,291	1,270	1,139	1,082	14,574
1993	939	985	1,106	1,207	1,286	1,411	1,444	1,474	1,318	1,291	1,172	1,144	14,777
1994	984	1,064	1,204	1,243	1,341	1,457	1,521	1,527	1,372	1,340	1,240	1,171	15,464

Source: *Total Vehicle Miles by Month*. Transportation Planning Division, Nebraska Department of Roads. Lincoln, Nebraska. Monthly.

Total Population, Nebraska, 1992-1994

(Thousands)

Year	Population
1992	1,606
1993	1,613
1994	1,623

Source: *Statistical Abstract of the United States, 1994*. Bureau of the Census, U.S. Department of Commerce. Washington, D.C. Annual.

Population by Age, Nebraska, 1970, 1980 and 1990

No new data.

Sources: *Census of Population, 1970, 1970 and 1990*. Bureau of the Census. U.S. Department of the Census. Washington, D.C.

Irrigation Wells Registered and Acres Irrigated, Nebraska, 1992-1994

Year	Wells Registered	Acres Irrigated
1992	74,714	8,100,000
1993	75,771	8,100,000
1994	76,363	8,100,000

Source: *Nebraska Agricultural Statistics*. Nebraska Department of Agriculture. Lincoln, Nebraska. Annual.

Average Cost of Electricity for Irrigation by System, Nebraska, 1992-1994
(Cents/Kilowatthour)

System	1992	1993	1994
Burt	14.9	47.6	12.1
Butler	47.4	19.1	15.4
Cedar-Knox	17.6	39.0	8.1
Cherry-Todd	7.1	7.2	6.8
Chimney Rock	7.3	7.9	7.2
Cornhusker	26.5	17.5	13.5
Cuming	13.4	19.0	12.3
Custer	7.4	15.3	7.2
Dawson	9.3	21.6	10.1
Elkhorn	14.9	16.0	10.8
Howard Greeley	18.9	20.5	14.6
KBR	9.2	10.2	9.7
Loup Valleys	11.5	19.4	9.5
McCook	10.0	14.7	8.5
Niobrara Electric	6.0	6.6	5.6
Niobrara Valley	8.8	9.4	8.2
North Central	10.2	12.1	8.8
Northeast Nebraska	21.4	59.3	10.1
Northwest	9.5	10.1	8.0
Panhandle	8.9	9.9	4.2
Polk	34.5	19.0	11.6
Roosevelt	8.2	9.0	7.7
Rural Electric	7.0	7.0	6.6
Seward	17.5	12.8	10.7
South Central	11.1	28.7	9.4
Southwest	10.8	13.3	8.5
Stanton	18.2	18.9	14.0
Twin Valleys	9.7	26.0	9.2
Wheat Belt	8.7	8.8	7.4
Wyrulec	8.3	8.1	7.2
York	14.8	25.4	9.6
Average	9.7	11.8	8.3

Source: *Irrigation Survey*. Nebraska Rural Electric Association. Lincoln, Nebraska. Annual.

Consumer Price Index:
All Items, Fuel and Other Utilities, Motor Fuel and Energy, 1992-1994
(1982-84 = 100)

Year	All Items	Fuel and Other Utilities	Motor Fuel	Energy
1992	140.3	117.8	99.0	103.0
1993	144.5	121.3	98.0	104.2
1994	148.2	122.8	98.5	104.6

Source: *Economic Indicators*. Prepared for the Joint Economic Committee of Economic Advisors. United States Government Printing Office. Washington, D.C. Monthly.

Conversion Factors

Units of Measure

Coal

1 metric ton	contains	1,000 kilograms or 2,204.62 pounds
1 long ton	contains	2,240 pounds
1 short ton	contains	2,000 pounds

Crude Oil

1 barrel	contains	42 gallons
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Source: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995.

Approximate Heat Content of Petroleum Products

Product	Million Btu per Barrel	Btu per Gallon
Asphalt	6.636	158,000
Aviation Gasoline	5.048	120,190
Crude Oil	4.800	138,095
Distillate Fuel Oil	5.825	138,690
Jet Fuel, Kerosene Type	5.670	135,000
Kerosene	5.670	135,000
Lubricants	6.065	144,405
Motor Gasoline	5.253	125,071
Propane	3.836	91,333
Residual Fuel Oil	6.287	149,690
Road Oil	6.636	158,000

Source: *State Energy Data Report, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995.

Approximate Heat Rates for Electricity, 1992-1994

(Btu/Kilowatthour)

Year	Consumption	Fossil Fuel Steam-Electric Power Plant Generation	Nuclear Power Plant Generation
1992	3,412	10,302	10,678
1993	3,412	10,280	10,682
1994	3,412	10,280	10,682

Source: *State Energy Data Book, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

NOTES: The heat content of a kilowatthour of electricity for consumption is 3,412 Btu regardless of the generation process. The heat content for a fossil fuel steam-electric power plant is assumed to be the average at all such U.S. power plants. This factor is also applied to convert hydroelectricity for distribution.

Conversion Factors for Natural Gas and Coal Consumed in Nebraska, 1992-1994

Year	Natural Gas (Btu/Cubic Foot)		Coal (Thousand Btu/Short Ton)		
	Utility	Non-Utility	Residential Commercial	Industrial	Electric Utility
1992	0.959	0.979	20.436	18.448	17.105
1993	0.976	0.975	21.706	18.730	17.123
1994	0.976	0.975	21.706	18.730	17.123

Source: *State Energy Data Book, Consumption Estimates, 1960-1993*. Energy Information Administration, U.S. Department of Energy. Washington, D.C. July, 1995. 1994 Preliminary Estimates. Nebraska Energy Office.

The Energy Office Logo found on the back cover is from the "Creative Genius of Energy" floor mosaic by Hildreth Meiere located between the vestibule and foyer inside the north door of the State Capitol in Lincoln, Nebraska.

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