

CHAPTER 113

ELECTRIC UTILITY

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113.01 PURPOSE. The purpose of this chapter is to provide for the operation of the municipally owned electric system.

113.02 POLICY DIRECTION. The Mayor and Council shall establish appropriate rules and regulations governing the operation and maintenance of the electric system. An official copy of the rules and regulations is on file in the office of the Clerk. The rules and regulations apply to all users of the municipal electric system.

113.03 SUPERINTENDENT. Subject to the approval of the Council, the Mayor shall appoint a superintendent who shall be responsible for execution of policies governing the system as established by the Council.

113.04 RATES. The rates for electric service are as follows:

1. Residential Service. Residential electric service is applicable to all domestic uses in single-family dwellings and individually metered apartments within the corporate limits of the City, including use of motors of not more than 5 horsepower individual capacity. Space heating and air conditioning shall be served under this schedule.

A. Service Available. Single-phase, 60 hertz, 120/240 volt, 400 amp max., 3-wire, single meter.

B. Monthly Rate.

Customer Charge (no KWH) \$8.00 plus

Energy Charge: First 1,000 KWH @ 5.77 cents

Over 1,000 KWH @ 4.14 cents

(Ord. 379 - Dec. 03 Supp.)

2. Rural Service. Rural electric service is applicable to all residential, farm and farm-related loads located outside the corporate limits of the City. Exceptions covered by other rates include commercial and three-phase.

A. Service Available. Single-phase, 60 hertz, 120/240 volt, 400 amp max., 3-wire, single meter.

B. Monthly Rate:

Customer Charge (no KWH) \$10.00 plus

Energy Charge: First 2,000 KWH @ 7.15 cents

Over 2,000 KWH @ 4.14 cents

(Ord. 379 - Dec. 03 Supp.)

3. Commercial Service. Commercial electric service is applicable to any commercial load within the corporate limits of the City, for all purposes and also applies to commercial loads outside the corporate limits with the exception of residential, farm and farm-related loads.

A. Service Available. Single-phase, 60 hertz, 120/240 volt, 400 amp max., 3-wire, single meter.

B. Monthly Rate:

Customer Charge (no KWH) \$8.00 plus

Energy Charge: First 2,000 KWH @ 6.89 cents

Over 2,000 KWH @ 3.99 cents

(Ord. 389 - Aug. 05 Supp.)

4. Three-Phase Service. Three-phase electric service is applicable to any three-phase load within the Lake View service area, for all purposes, and includes all three-phase users except those qualifying under the Small Seasonal Rate.

(Ord. 329 - Nov. 98 Supp.)

A. Service Available. 60 hertz, three-phase, 240/120 V, 208 Y/120 V, or 480 Y/277 V, 4-wire, or standard primary voltage available at point of delivery. Special voltages may be provided at the discretion of the utility. Utility furnishes only one transformer bank and/or one meter.

B. Monthly Rate:

Energy Charge All KWH @ 2.78 cents

Demand Charge All KW @ \$7.35

Minimum Bill \$8.00

(Ord. 379 - Dec. 03 Supp.)

C. Metered Demand. The metered demand for any month shall be the maximum kilowatt demand established by the customer for any fifteen-minute interval during the month as indicated or recorded by a demand meter.

D. Power Factor Adjustment. If the customer's average monthly power factor falls below 90%, leading or lagging, the utility may adjust the metered demand by the ratio of 90% to the measured average monthly power factor in percent.

Example: Metered Demand = 739 KW
Avg. Mo. Power Factor = 73.0%
Ratio = $90/73 = 1.2329$
Adjusted Demand = $(739)(1.2329) = 911$ KW

E. Adjusted Demand. The adjusted demand consists of the metered demand adjusted for power factor, if applicable.

F. Billing Demand. The demand to be billed shall be the adjusted demand for the month but not less than 50% of the highest adjusted demand during the preceding 11 months. After two consecutive months of minimum charges with no metered usage, a three-phase customer will be exempt from charges until the next month of metered usage.

G. Primary Metering. The utility will furnish and install primary metering when service is taken by the customer and metered at primary voltage. The customer owns and installs all necessary primary and transformers beyond point of service. A 2% discount will apply to demand and energy charges to allow for losses and investment return. If service is taken at primary voltage (that is, customer owns primary and transformers) and metered at secondary voltage, a 1% discount will apply to demand and energy charges to allow for investment return.

4.1 Small Seasonal Service. Small seasonal service is applicable to any three-phase load within the Lake View service area which meets the following criteria:

A. Does not exceed 25 KW of demand for more than three months of the calendar year.

B. Does not exceed 1,000 kWh of energy for more than three months of the calendar year.

C. Does not exceed 25 KW of demand at any time during the calendar year.

D. Does not exceed 5,000 kWh of energy at any time during the calendar year.

E. Three-phase customers' accounts will be examined during each January to determine if the customer is eligible for the Small Seasonal rate.

F. The determination of eligibility made each January shall apply for the remainder of the calendar year, or until the customer uses more than 50 KW of demand or 1,000 kWh of energy, at

which time the customer shall be classified under Three-Phase Service.

G. Monthly Rate: The monthly rate shall be the same as set forth in Section 113.04(3), Commercial Service.

(Ord. 329 - Nov. 98 Supp.)

5. Church Three-Phase Service. Church three-phase electric service is applicable to any church three-phase load within the Lake View service area.

A. Service Available. 60 hertz, three-phase, 240/120 V, 208 Y/120 V, or 480 Y/277 V, 4-wire, or standard primary voltage available at point of delivery. Special voltages may be provided at the discretion of the utility. Utility furnishes only one transformer bank and/or one meter.

B. Monthly Rate:

Energy Charge	All KWH @ \$.015 plus
Demand Charge	All KW @ \$4.25
Minimum Bill	\$7.00

C. Metered Demand. The metered demand for any month shall be the maximum kilowatt demand established by the customer for any fifteen-minute interval during the month as indicated or recorded by a demand meter.

D. Power Factor Adjustment. If the customer's average monthly power factor falls below 90%, leading or lagging, the utility may adjust the metered demand by the ratio of 90% to the measured average monthly power factor in percent.

E. Adjusted Demand. The adjusted demand consists of the metered demand adjusted for power factor, if applicable.

F. Billing Demand. The demand to be billed shall be the adjusted demand for the month but not less than 50% of the highest adjusted demand during the preceding 11 months. After two consecutive months of minimum charges with no metered usage, a three-phase customer will be exempt from charges until the next month of metered usage.

G. Primary Metering. The utility will furnish and install primary metering when service is taken by the customer and metered at primary voltage. The customer owns and installs all necessary primary and transformers beyond point of service. A 2% discount will apply to demand and energy charges to allow

for losses and investment return. If service is taken at primary voltage (that is, customer owns primary and transformers) and metered at secondary voltage, a 1% discount will apply to demand and energy charges to allow for investment return.

6. Security Light Service. Security light service is applicable to all customers for dusk-to-dawn outdoor lighting in close proximity to existing secondary circuits.

A. Conditions of Service. The utility shall furnish, install, operate and maintain the outdoor lighting equipment, electrically connected so that the power for the operation of the light does not pass through the customer's meter on the unmetered rate and does pass through the customer's meter on the metered rate. All equipment shall be located within two (2) feet of an existing 120-volt service. For other locations, the additional costs shall be paid for by the customer. The utility shall maintain the lighting equipment, including lamp replacement, at no additional cost to the customer within 24 hours after the customer notifies the utility of the need for maintenance of the lighting equipment. The lighting equipment shall remain the property of the utility. The customer shall protect the lighting equipment from deliberate damage.

B. Monthly Rate.

Mercury Vapor			High Pressure Sodium		
Size	Metered	Unmetered	Size	Metered	Unmetered
175W	\$1.95	\$4.30	100W	\$ 3.40	\$ 4.85
250W	\$2.05	\$5.20	150W	\$ 3.70	\$ 6.00
400W	\$2.80	\$7.70	250W	\$ 6.90	\$10.55
			400W	\$11.70	\$17.40

(Ord. 379 - Dec. 03 Supp.)

7. Public Authority. Public authority service is applicable to all community services including street lighting.

A. Service Available. 60 hertz, single meter, single-phase, 120/240 volt, 400 amp max., 3-wire; three-phase, 240/120 V, 208 Y/140V or 480 Y/277 V, 4-wire.

B. Monthly Rate. All KWH @ 3.39 cents.

(Ord. 379 - Dec. 03 Supp.)

8. Prompt Payment Provisions. All charges are net. If the bill is not paid or mailed and postmarked by the 20th day after the billing date, a late payment charge of 1.5 percent of the balance due shall apply. If the due date falls on a Saturday, Sunday or holiday, the deadline for the payment without penalty will be extended to the next working day.

9. Sales Tax. Sales tax is to be added to all electric bills so as to be in compliance with the provisions of the laws of Iowa.

113.05 RECONNECTION CHARGE. If a customer whose service has been disconnected, either by the customer's order or by reason of delinquency, requests a reconnection of such service within twelve months of the time of disconnection, a reconnection charge equal to the sum of the monthly minimum charges (including service charges and ratchet demand charges) for the period of disconnection shall also be collected. The minimum reconnection charge shall be equal to the sum of five months' minimum charges.

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