

CHAPTER 53: ELECTRIC

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§ 53.01 RESIDENTIAL.

(A) *Availability.* Available for single phase residential service not exceeding a 400 amp service furnished through one meter and subject to the established rules and regulations of the city.

(B) *Character of service.* Single phase, 60 hertz at 120/240 volts.

(C) *Monthly rate and minimum charges.* The monthly rate and minimum charges shall be amended from time to time by Council resolution or ordinance.

(D) *Controlled water heating credit.* All electric water heaters at the option of the Utility shall be controlled. Where an individual contract is in force between the customer and the Utility under the interruptible rate, the customer will receive its water heating power at the interruptible rate. All other customers having electric hot water heaters will receive a credit as may be amended from time to time by Council resolution or ordinance, except that such credit shall not exceed the energy charges for any individual month.

(Res. 99-22, passed 11-22-99)

§ 53.02 COMMERCIAL SERVICE.

(A) *Availability.* Available to any customer for general service through one meter where monthly kilowatt hour use has not exceeded 6000 kilowatt hours in each of the two successive monthly billing periods in the past 12 months and subject to the established rules and regulations of the city.

(B) *Character of service.* Single phase or three phase, 60 hertz, available secondary voltages in the area.

(C) *Month rate and minimum charge.* The monthly rate and minimum charge shall be as may be adopted from time to time by Council resolution or ordinance.
(Res. 99-22, passed 11-22-99)

§ 53.03 LARGE POWER.

(A) *Availability.* Available to any customer for general service through one meter where monthly kilowatt hour usage exceeds 6000 kilowatt hours in each of two successive monthly billing periods and subject to the rules and regulations of the city.

(B) *Character of service.* Three phase, 60 hertz, at available voltages.

(C) *Monthly rate and minimum charge.* The monthly rate and minimum charge shall be as may be amended from time to time by Council resolution or ordinance.

(D) *Billing demand and power factor adjustment.* The billing demand for the month shall be the maximum recorded 15 minute integrated demand in kilowatts adjusted, at the option of the city, to reflect the average power factor differing from 90% lagging. The billing demand shall be computed by multiplying the maximum measured kilowatts of demand by 90 and dividing the result by the average actual power factor for the month. No credit is given for leading power factor. The average power factor at the option of the city may be determined by any of the instruments and methods standard for this purpose.

(Res. 99-22, passed 11-22-99)

§ 53.04 MUNICIPAL.

(A) *Availability.* Available to any municipally owned facilities at a secondary voltage available at the location.

(B) *Character of service.* Single phase or three phase.

(C) *Monthly rate.* The monthly rate shall be as may be amended from time to time by Council resolution or ordinance.

(Res. 99-22, passed 11-22-99)

§ 53.05 INTERRUPTIBLE RATE.

(A) *Availability.* Available to customers taking service concurrently under another rate schedule. This rate is for interruptible service which is remotely controlled by the city electric utility.

(B) *Character of service.* Single phase or three phase, 60 hertz, at available secondary voltage. Service under this schedule will be available at all times except when interrupted by the Utility during times of peak system demand or system emergencies. Individual contracts will be required between the customer and the city for this service. The individual contracts will spell out the type of load that is allowed as well as the limited amount of hours that the city will interrupt. One condition of the individual contracts will be that the customer will hold the city harmless for any damage to their property caused by load management interruption of service.

(C) *Energy charge.* The energy charge shall be as may be amended from time to time by Council resolution or ordinance.

(Res. 99-22, passed 11-22-99)

§ 53.06 STREET LIGHTING.

(A) *Availability.* Available for all municipally owned street lighting.

(B) *Character of service.* Single phase.

(C) *Monthly rate.* The monthly rate shall be as may be amended from time to time by Council resolution or ordinance.

(Res. 99-22, passed 11-22-99)

§ 53.07 SECURITY LIGHTING.

(A) *Availability.* Available to all customers for security lighting and limited to light fixtures as identified under monthly charge.

(B) *Character of service.* Provide all energy and maintenance.

(C) *Monthly rate.* The monthly rate shall be as may be amended from time to time by Council resolution or ordinance.

(Res. 99-22, passed 11-22-99)

§ 53.08 POWER ADJUSTMENT CLAUSE (ALL CLASSES OF SERVICE).

(A) The rate charged each customer shall be increased by 1 mill per kilowatt hour for each mill or major fraction thereof by which the city's average cost of power purchased and transported exceeds 26 mills per kilowatt hour.

(B) The average cost of power purchased is defined as the total cost of power purchased plus the cost of wheeling to the city limits divided by the amount of power purchased during the same time period. The amount of power purchased will be adjusted for line loss. The line loss will be determined by the ratio of the power purchased and generated to the power sold during the preceding calendar year. (Res. 99-22, passed 11-22-99)

§ 53.09 MUNICIPAL UTILITY'S LOAD MANAGEMENT.

The city operates a Load Management System that interrupts certain loads in order to manage the peak demand. Certain loads are required to be under Load Management, other loads the city reserves the right to place them under Load Management at their option. The following loads are subject to management:

(A) *Residential hot water heating.* All residential hot water heating shall be under Load Management.

(B) *Residential central air conditioning.* All residential central air conditioning shall be under Load Management and the city reserves the right to interrupt the power as a condition of the sale.

(C) *Residential individual unit air conditioning.* The city reserves the right to mandate Load Management, on individual air conditioning units.

(D) *Commercial air conditioning.* The city reserves the right to place any commercial air conditioning under Load Management as a condition of the sale of electricity.

(E) All electrical power that is subject to individual interruptible contracts under the interruptible rate shall be placed under Load Management. (Res. 99-22, passed 11-22-99)

§ 53.10 PUBLIC SAFETY, CULTURAL AND RECREATIONAL REBATE.

A rebate as may be amended from time to time by Council resolution or ordinance is available to qualified municipal departments or private non-profit organizations that provide a public safety, park, recreational or cultural benefit to the city. In return for this rebate, the Electric Utility is authorized to publically acknowledge and be recognized for providing the rebate. (Res. 99-22, passed 11-22-99)

§ 53.11 POWER PRODUCTION AND CO-GENERATION.

(A) *Applicability.* This section applies to any generation of electricity by a customer of the city that interconnects with the city's electrical distribution system, whether through wind, solar, or other means of electrical generation.

(B) *Policy.* Detailed instructions and procedures for power production and co-generation are contained in the *Small Power Production and Co-Generation Policy of the City of Benson*. (Res. 11-15, passed 9-6-11)

(C) *Qualifying facility.* In order to interconnect and operate in parallel with the city's distribution system, the source of electrical generation must be classified as a "qualifying facility" as defined by the Public Utilities Regulatory Policies Act as amended by the Energy Policy Act of 2005. Customer owned generation that does not satisfy qualifying facility requirements may be interconnected, but will not be allowed to operate in parallel with the city's electric system without approval by the city and Missouri River Energy Services.

(D) *Application.* Owners of qualifying facilities and non-qualifying sources of electrical generation must apply for interconnection with the city. Application procedures are detailed in the *Small Power Production and Co-Generation Policy of the City of Benson*. Necessary forms for application are available upon request from the Municipal Utility office.

(E) *Interconnection procedure.* If the owner of a qualifying facility applies for interconnection and is approved by the city, that owner may interconnect with and operate in parallel with the city's distribution system. Owners of qualifying facilities must follow the procedure for interconnection as detailed in the *Small Power Production and Co-Generation Policy of the City of Benson*.

(F) *Responsibilities of customer.*

(1) Facilities and/or systems must be constructed in accordance with Minnesota law and must meet or exceed all applicable codes and ordinances in effect at the time of installation of the qualifying facility.

(2) Unless otherwise specified, the customer is responsible for the costs of interconnection to the city's distribution system.

(3) The customer must obtain all environmental and other permits required by governing authorities prior to the construction of a qualifying facility or other source of electrical generation. The customer shall also maintain these applicable permits and compliance with these permits during the term of the agreement with the city.

(4) Other responsibilities of customer may be detailed further in the *Small Power Production and Co-Generation Policy of the City of Benson*.

(G) *Compliance with safety, protection and operation guidelines.* The owner of a qualifying facility or non-qualifying source of electrical generation must comply with all of the city's safety, protection, and operation guidelines, including but not limited to those detailed in the *Small Power Production and Co-Generation Policy of the City of Benson*.

(H) *Disconnection of the unit.* The city may disconnect either a qualifying facility or other source of electrical generation as reasonably necessary, including for non-compliance to an agreement; system emergency, imminent danger to the public or city personnel, or routine maintenance, repairs and modifications to the city system.

(Ord. 1136.11, passed 9-6-11)