

# CITY COUNCIL ELECTRIC WORK SESSION AGENDA

**Date:** February 21, 2022

**Time:** 6:30 p.m.

**Location:** City Hall  
417 Broadway  
Larned, KS

## **Contributors:**

**Greg Wright, Priority Power (PP)**

**Don Augustine, Midwest Energy (MWE)**

**Aaron Rome, Midwest Energy (MWE)**

<b>Item</b>	
Midwest Energy Contract Discussions	MWE
Electric Capacity and Wholesale Solar Generation	MWE & PP
Rate Comparisons and Structure	PP
Net Metering	PP
Crypto Mining Issues and Rate Models	PP
Economic Development Incentive Rates	PP
Electric Vehicle Stations	PP
Adjournment	PP

**AGENDA ITEM**  
**City Council Work Session**  
**Larned City Hall, 417 Broadway**  
**February 21, 2022**  
**6:30 pm**

TO: The Honorable Mayor and Members of the City Council

FROM: Bradley Eilts, City Manager

RE: Greg Wright with Priority Power

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**Background and Analysis:** Greg Wright has been the City of Larned's energy consultant for a number of years, first with his own company, Energy Management Group, and now with Priority Power which merged with EMG. The merger provides us with greater assets to draw from with the same personalized service and advice.

Mr. Wright will be at the Work Session to discuss several electrical issues of importance to Larned. Don Augustine with Midwest Energy will be at the meeting to talk about the Midwest Energy contract discussions for electrical distribution services. In addition, Aaron Rome with Midwest Energy will be there to discuss electric capacity.

This Work Session will focus on electrical issues including:

1. Midwest Energy Contract for Distribution Services
2. Wholesale solar project update and electrical capacity issues
3. Crypto mining, rate options, and models
4. Net metering issues
5. Rate comparisons
6. Economic Development (Jobs) incentive rates
7. EV charging stations and impact on system

Work Sessions provide a good opportunity for the Council to discuss issues, ideas, and concerns between and with each other in an open session. No decisions can be made by the Council at Work Sessions and while open to the public, public comments are reserved for Regular and Special City Council Meetings.

**Financial Considerations:** None for this action.

**Action Required:** Hold Work Session on electrical issues.

**ELECTRIC WORK SESSION**

**MIDWEST ENERGY CURRENT CONTRACT  
AND  
MONTHLY CHARGES**

MWE Bill Breakdown

MWE Monthly Charges plus projects

	Labor	Payroll Overhead	Transportation	Materials	Materials Overhead	Administrative Fee	Total
July	12,539.14	7,966.06	3,342.21	1,361.08	-	2,520.86	27,729.35
August	20,594.76	12,003.22	9,131.82	1,305.36	342.63	4,337.78	47,715.57
September	15,778.37	12,617.67	5,046.88	-	-	3,344.29	36,787.21
October	19,748.03	16,821.33	9,047.39	9,991.87	1,701.52	5,731.01	63,041.15
November	8,122.50	12,015.53	4,331.16	1,658.79	643.78	2,677.18	29,448.94
December	7,199.15	7,705.24	2,469.13	-	-	1,737.35	19,110.87
	83,981.95	69,129.05	33,368.59	14,317.10	2,687.93	20,348.47	223,833.09

MWE Monthly Charges Only

	Labor	Payroll Overhead	Transportation	Materials	Administrative Fee	Total
July	10,396.59	5,660.96	1,710.39	-	1,776.79	19,544.73
August	13,185.10	7,702.81	3,199.61	-	2,408.75	26,496.27
September	14,512.35	11,593.42	4,165.59	-	3,027.14	33,298.50
October	12,177.00	10,446.56	3,301.59	1,670.40	2,759.56	30,355.11
November	7,844.50	11,785.17	4,080.46	-	2,371.01	26,081.14
December	7,199.15	7,705.24	2,469.13	-	1,737.35	19,110.87
	65,314.69	54,894.16	18,926.77	1,670.40	14,080.60	154,886.62

	Payroll		
	Labor	Overhead	Total
July	12,539.14	7,966.06	20,505.20
August	20,594.76	12,003.22	32,597.98
September	15,778.37	12,617.67	28,396.04
October	19,748.03	16,821.33	36,569.36
November	8,122.50	12,015.53	20,138.03
December	7,199.15	7,705.24	14,904.39
	<u>83,981.95</u>	<u>69,129.05</u>	<u>153,111.00</u>

2021	254,370.29
2020	314,677.61
2019	349,964.78
2018	340,407.35
2017	316,772.18

\*2021 had a payout of \$31,745.85

CONTRACT FOR SERVICES

THIS Contract for Services is made effective as of 6<sup>th</sup> day of January, 2022, by and between Midwest Energy, Inc., ("MWE") and the City of Larned ("Larned").

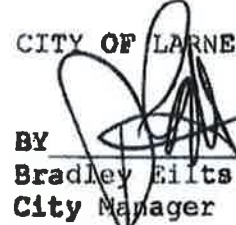
1. Description of Services. Beginning on January 15<sup>th</sup>, 2022, MWE will provide to Larned the following services, to-wit: Construction, operation, maintenance support and emergency response support for electric lines and services owned by the City of Larned, Kansas.
2. Payment. Payment shall be made to MWE as mutually agreed upon between the parties.
3. Term. This Contract will be in affect for three (3) months from the effective date and may be terminated by the either party upon thirty (30) days written notice.
4. Indemnification. Larned agrees to indemnify and hold MWE harmless from all claims, losses, expenses, fees including attorneys' fees, costs and judgments that may be asserted against MWE arising out of any negligence or willful act of any Party other than MWE occurring on or after the 15<sup>th</sup> day of January, 2022.

WHEREUPON, the parties have hereunto set their hands  
the day and year first above written.

MIDWEST ENERGY, INC.

BY   
Fred M. Taylor  
VP Operations

CITY OF LARNED

BY   
Bradley Eilts  
City Manager

# **ELECTRIC WORK SESSION**

## **CITY ORDINANCES ON ELECTRIC RATES**

**ORD 13.20.020 – 13.20.095**



13.20.020 - Residential service (Schedule CLR).

- A. Availability. Residential service shall be available to all residential consumers who live in single-family dwelling units located inside the City limits of the City of Larned, including those residential customers conducting home occupations as defined in the zoning regulations of the City of Larned. Each residential single-family dwelling unit shall be provided service through a single meter for domestic use billed at residential rates, except those dwellings in which a qualified home occupation or small commercial business is operated may be served by two meters billed separately. A single-family dwelling with two or more meters in which dwelling a qualified home occupation is the only nondomestic use shall be billed residential rates on each meter; provided, however, any dwelling in which a qualified home occupation is operated with energy consumption exceeding two thousand (2,000) kilowatt-hours in a single month shall be billed at the City's small commercial rate for such month and the next succeeding twelve (12) months. Such commercial rate will continue to apply until such time the customer submits a written appeal to the City Manager and shows to the satisfaction of the City Manager the home-operated business is no longer being conducted in said residence. In all such instances of energy consumption exceeding two thousand (2,000) kwh in a single month and the home occupation use is separately metered, only the meter serving the business will be billed at the small commercial rate and the other meter serving the domestic use of said premises shall be billed at the residential service (Schedule CLR) rate.
- B. Service. The service provided shall be such phase and voltage as the utility has immediately available to the site. Those residential consumers who had three-phase service prior to April 1, 1973, will continue to be served as long as they have three-phase equipment installed. Bills for consumers served by one single phase and one three-phase meter at a common location may be computed from the following rate schedule applied to the summation of the metered consumptions.
- C. Rates—CLR:
1. Minimum rate for the first ten (10) kWh/month shall be as follows:
    - a. Six dollars and thirty-three cents (\$6.33) per month from the date of publication of the ordinance from which this chapter is derived through December 31, 2014;
    - b. Six dollars and thirty-eight cents (\$6.38) per month for the period effective January 1, 2015 through December 31, 2015; and
    - c. Six dollars and forty-three cents (\$6.43) per month for the period effective January 1, 2016 until further action by the Governing Body.
  2. The rate applying to the next forty (40) kWh/month shall be as follows:
    - a. \$0.1032 per kWh from the date of publication of the ordinance from which this chapter is derived through December 31, 2014;
    - b. \$0.1082 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.1132 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  3. The rate applying to the next nine hundred fifty (950) kWh/month shall be as follows:
    - a. \$0.0952 per kWh from the date of publication of the ordinance from which this chapter is derived through December 31, 2014;
    - b. \$0.1002 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.1052 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  4. The rate applying to the next one thousand (1,000) kWh/month shall be as follows:

- a. \$0.0862 per kWh from the date of publication of the ordinance from which this chapter is derived through December 31, 2014;
  - b. \$0.0912 per kWh for the period effective January 1, 2015 through December 31, 2015; and
  - c. \$0.0962 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
5. The rate applying to all usage in excess of two thousand (2,000) kWh/month shall be as follows:
- a. \$0.0842 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. \$0.0892 per kWh for the period effective January 1, 2015 through December 31, 2015; and
  - c. \$0.0942 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

(Ord. 1323 § 1, 1998; Ord. 1219 § 1, 1990; Ord. 1138 § 2, 1984)

(Ord. No. 1552, § 1, 9-26-13)

#### 13.20.030 - Residential total electric service (Schedule CRH).

- A. **Availability.** Residential total electric service shall be available to all single-family dwelling units located within the City limits having all electric fixtures and appliances, including electric heating equipment, with service taken through a single meter and for domestic use. Each dwelling unit shall be metered separately. Apartment complexes and mobile home courts shall comply with the metering regulations of Section 13.20.260. Apartment complexes and mobilehome courts qualifying for single metering shall be billed as a commercial user. Rooming houses with more than three units available for rent shall be considered commercial.
- B. **Service.** The service provided shall be such phase and voltage as the utility has immediately available to the site. Those residential consumers who had three-phase service prior to April 1, 1973, will continue to be served for as long as they have three-phase equipment installed. Bills for consumers served by one single phase and one three-phase meter at a common location may be computed from the following rate schedule applied to the summation of the metered consumptions.
- C. **Rates—CRH:**
  - 1. Minimum rate for the first fifty (50) kWh/month shall be as follows:
    - a. Ten dollars and fifty-six cents (\$10.56) per month from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. Ten dollars and eighty-one cents (\$10.81) per month for the period effective January 1, 2015 through December 31, 2015; and
    - c. Eleven dollars and six cents (\$11.06) per month for the period effective January 1, 2016 until further action by the Governing Body.
  - 2. The rate applying to the next four hundred fifty (450) kWh/month shall be as follows:
    - a. \$0.0932 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.0982 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.1032 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  - 3. The rate applying to the next one thousand five hundred (1,500) kWh/month shall be as follows:
    - a. \$0.0832 per kWh from the date of publication of the ordinance codified in this chapter through December

31, 2014;

- b. \$0.0882 per kWh for the period effective January 1, 2015 through December 31, 2015; and
  - c. \$0.0932 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
4. The rate applying to all usage in excess of two thousand (2,000) kWh/month shall be as follows:
- a. \$0.0782 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. \$0.0832 per kWh for the period effective January 1, 2015 through December 31, 2015; and
  - c. \$0.0882 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

(Ord. 1219 § 2, 1990; Ord. 1138 § 3, 1984)

(Ord. No. 1552, § 2, 9-26-13)

13.20.040 - Rural residential (Schedule RLR).

- A. Availability. Rural residential service shall be available under the same rules as residential service, but shall apply only to locations outside the corporate limits of the City.
- B. Service. Service hereunder shall be the same as specified in Section 13.24.030(B) but at the rates specified in the following schedule.
- C. Rates—RLR:

- 1. Minimum rate for the first ten (10) kWh/month shall be as follows:
  - a. Fourteen dollars and thirteen cents (\$14.13) per month from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. Fourteen dollars and eighteen cents (\$14.18) per month for the period effective January 1, 2015 through December 31, 2015; and
  - c. Fourteen dollars and twenty-three (\$14.23) per month for the period effective January 1, 2016 until further action by the Governing Body.
- 2. The rate applying to the next forty (40) kWh/month shall be as follows:
  - a. \$0.1072 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. \$0.1122 per kWh for the period effective January 1, 2015 through December 31, 2015; and
  - c. \$0.1172 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
- 3. The rate applying to the next nine hundred fifty (950) kWh/month shall be as follows:
  - a. \$0.1002 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. \$0.1052 per kWh for the period effective January 1, 2015 through December 31, 2015; and
  - c. \$0.1102 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
- 4. The rate applying to the next one thousand (1,000) kWh/month shall be as follows:
  - a. \$0.0902 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. \$0.0952 per kWh for the period effective January 1, 2015 through December 31, 2015; and

- c. \$0.1002 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
- 5. The rate applying to all usage in excess of two thousand (2,000) kWh/month shall be as follows:
  - a. \$0.0872 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. \$0.0922 per kWh for the period effective January 1, 2015 through December 31, 2015; and
  - c. \$0.0972 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

(Ord. 1219 § 3, 1990; Ord. 1138 § 4, 1984)

(Ord. No. 1552, § 3, 9-26-13)

#### 13.20.050 - Rural residential total electric service (Schedule RRH).

- A. Rural residential total electric service shall be available under the same rules as residential total electric service, but shall apply only to locations outside the corporate limits of the City.
- B. Service. The service hereunder shall be the same as specified in Section 13.24.030(B) but at the rates specified in the following schedule.
- C. Rates—RRH.
  - 1. Minimum rate for the first fifty (50) kWh/month shall be as follows:
    - a. Eighteen dollars and thirty-six cents (\$18.36) per month from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. Eighteen dollars and sixty-one cents (\$18.61) per month for the period effective January 1, 2015 through December 31, 2015; and
    - c. Eighteen dollars and eighty-six (\$18.86) per month for the period effective January 1, 2016 until further action by the Governing Body.
  - 2. The rate applying to the next four hundred fifty (450) kWh/month shall be as follows:
    - a. \$0.0972 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.1022 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.1072 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  - 3. The rate applying to the next one thousand five hundred (1,500) kWh/month shall be as follows:
    - a. \$0.0882 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.0932 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.0982 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  - 4. The rate applying to all usage in excess of two thousand (2,000) kWh/month shall be as follows:
    - a. \$0.0832 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.0882 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.0932 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

(Ord. 1219 § 4, 1990; Ord. 1138 § 5, 1984)

13.20.055 - Net metering services to certain single-family dwellings.

- A. Availability. A residential net metering service shall be available to all single-family dwellings that have completed the net metering policy application and have been accepted to interconnect a renewable resource generator onto the City system. An application will have been submitted and accepted prior to taking service under this schedule. Customer must have installed a separate meter to measure the amount of energy consumed at the location and the amount of energy produced by the renewable generation. All costs for the City to install metering will be paid by the customer.
- B. Service. Service shall be as designated in residential service [Section] 13.20.020 except the additional requirement of metering on the output of the renewable generation as stated above. Metering on the output hereunder shall be at the rates specified in the following schedule.
  - 1. Customer Charge. Fifteen dollars (\$15.00) per billing month.
  - 2. Demand Rate. Fifteen (15) minute average peak demand within the billing period. Thirteen dollars (\$13.00)/kW per billing month.
  - 3. Energy Charge.

First fifty (50) kWhs/month at thirty-six cents (\$0.036).

Next nine hundred fifty (950) kWhs/month at twenty-eight cents (\$0.028).

Next one thousand (1,000) kWhs/month [at] nineteen cents (\$0.019)

All over two thousand (2,000) [kWhs/month at] seventeen cents (\$0.017).

- 4. Customer Demand Charge. Thirteen dollars (\$13.00) per billing month.

13.20.060 - City small commercial (Schedule CSC).

- A. Availability. City small commercial service shall be available to any separately metered customer within the City whose electric service is for nonresidential use, applicable to all business and commercial enterprises, offices, shops, hotels, schools and institutions (excluding businesses in the home operated solely by phone or mail by the resident only) for lighting and small power. Residential use may be included where a business is operated in the home on the same meter as the household. The metering of apartment houses and mobilehome courts shall comply with Section 13.20.260. Each meter is to be considered a separate customer. "Commercial" is defined as any business user where value is not added to a product through manufacturing or processing or where storage of bulk materials is not the primary function, or pumping of oil or other materials is not involved as the primary function.
- B. Service. The service provided shall be such phase and voltage as the utility has immediately available to the site. Single phase service shall not be utilized where motors aggregate over fifteen (15) hp, except at the utility's option. All motors over one and one-half hp shall have a nominal rating of two hundred thirty (230) volts or higher.
- C. Rates—CSC.
  - 1. Minimum rate for the first fifty (50) kWh/month shall be as follows:

- a. Seventeen dollars and twenty-six cents (\$17.26) per month from the date of publication of the ordinance codified in this chapter through December 31, 2014;
  - b. Seventeen dollars and fifty-one cents (\$17.51) per month for the period effective January 1, 2015 through December 31, 2015; and
  - c. Seventeen dollars and seventy-six (\$17.76) per month for the period effective January 1, 2016 until further action by the Governing Body.
2. The rate applying to the next one thousand nine hundred fifty (1,950) kWh/month shall be as follows:
    - a. \$0.1012 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.1062 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.1112 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  3. The rate applying to the next three thousand (3,000) kWh/month shall be as follows:
    - a. \$0.0922 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.0972 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.1022 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  4. The rate applying to the next five thousand (5,000) kWh/month shall be as follows:
    - a. \$0.0852 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.0902 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.0952 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  5. The rate applying to the next ten thousand (10,000) kWh/month shall be as follows:
    - a. \$0.0802 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.0852 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.0902 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
  6. The rate applying to all usage in excess of twenty thousand (20,000) kWh/month shall be as follows:
    - a. \$0.0742 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
    - b. \$0.0792 per kWh for the period effective January 1, 2015 through December 31, 2015; and
    - c. \$0.0842 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

(Ord. 1219 § 5, 1990; Ord. 1138 § 6, 1984)

(Ord. No. 1552, § 5, 9-26-13)

#### 13.20.070 - Rural small commercial (Schedule RSC).

- A. Availability. Rural small commercial service shall be available to any separate metered customer outside the limits of the City whose electric service is for nonresidential use, applicable to all business and commercial enterprises, offices, shops, hotels, schools, and institutions (excluding businesses in the home operated solely by

phone or mail by the resident only) for lighting and small power. Residential use may be included where a business is operated in the home, on the same meter as the household. The metering of apartment houses and mobilehome courts shall comply with Section 13.20.260. Each meter is considered a separate customer.

B. Service. The service provided shall be such phase and voltage as the utility has immediately available to the site. Single phase service shall not be utilized where motors aggregate over fifteen (15) hp, except at the utility's option. All motors over one and one-half hp shall have a nominal rating of two hundred thirty (230) volts or higher.

C. Rates—RSC.

1. Minimum rate for the first fifty (50) kWh/month shall be as follows:

- a. Eighteen dollars and eighty-six cents (\$18.86) per month from the date of publication of the ordinance codified in this chapter through December 31, 2014;
- b. Nineteen dollars and eleven cents (\$19.11) per month for the period effective January 1, 2015 through December 31, 2015; and
- c. Nineteen dollars and thirty-six cents (\$19.36) per month for the period effective January 1, 2016 until further action by the Governing Body.

2. The rate applying to the next one thousand nine hundred fifty (1,950) kWh/month shall be as follows:

- a. \$0.1102 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
- b. \$0.1152 per kWh for the period effective January 1, 2015 through December 31, 2015; and
- c. \$0.1202 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

3. The rate applying to the next three thousand (3,000) kWh/month shall be as follows:

- a. \$0.0972 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
- b. \$0.1022 per kWh for the period effective January 1, 2015 through December 31, 2015; and
- c. \$0.1072 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

4. The rate applying to the next five thousand (5,000) kWh/month shall be as follows:

- a. \$0.0912 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
- b. \$0.0962 per kWh for the period effective January 1, 2015 through December 31, 2015; and
- c. \$0.1012 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

5. The rate applying to the next ten thousand (10,000) kWh/month shall be as follows:

- a. \$0.0852 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
- b. \$0.0902 per kWh for the period effective January 1, 2015 through December 31, 2015; and
- c. \$0.0952 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

6. The rate applying to all usage in excess of twenty thousand (20,000) kWh/month shall be as follows:

- a. \$0.0772 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
- b. \$0.0822 per kWh for the period effective January 1, 2015 through December 31, 2015; and

c. \$0.0872 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

(Ord. 1219 § 6, 1990; Ord. 1138 § 7, 1984)

(Ord. No. 1552, § 6, 9-26-13)

13.20.080 - Large commercial (Schedule LC).

- A. Availability. Large commercial service shall be available to any customer who is classified and qualified to receive service under Schedule CSC of Section 13.20.060, except that the highest fifteen (15) minute electric demand in any billing period must be fifteen (15) kw or more. That billing demand shall be the maximum kilowatt load used by the customer for any period of fifteen (15) minutes during the period for which the bill is rendered as indicated or recorded by the demand meter.
- B. Service. The service provided shall be such phase and voltage as the utility has immediately available to the site. Single phase service shall not be utilized where motors aggregate over fifteen (15) hp, except at the option of the utility. All motors over one and one-half hp shall have a nominal rating of two hundred thirty (230) volts or higher.
- C. Rates—LC. The rates for service furnished either within or without the boundaries of the City shall be:
1. Demand (Fifteen (15) Minutes).
    - a. The first ten (10) kw per month for a minimum of sixty dollars (\$60.00).
    - b. Additional usage over ten (10) kw shall be charged at a rate of eight dollars and fifty cents (\$8.50) per kw of usage.
    - c. These demand rates shall take effect as of publication of the ordinance codified in this chapter and shall remain in effect until further action by the Governing Body.
  2. Energy.
    - a. The rate applying to the first one hundred thousand (100,000) kWh/month shall be as follows:
      - i. \$0.0572 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
      - ii. \$0.0622 per kWh for the period effective January 1, 2015 through December 31, 2015; and
      - iii. \$0.0672 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
    - b. The rate applying to all monthly usage in excess of one hundred thousand (100,000) kWh/month shall be as follows:
      - i. \$0.0532 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
      - ii. \$0.0582 per kWh for the period effective January 1, 2015 through December 31, 2015; and
      - iii. \$0.0632 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

Such rates are applicable to all commercial users who elect, by signing an annual contract, or extension thereof, to qualify hereunder, or, at the City's option, to all users using an average of forty-eight thousand (48,000) kWh or more per year.

Determination of Demand. Kilowatt demand will be determined by suitable demand instruments, or at the City's option, by demand tests and shall be the highest kilowatt demand measured in any fifteen (15) minute period during the month.



(Ord. 1219 § 7, 1990; (Ord. 1138 § 8, 1984)

(Ord. No. 1552, § 7, 9-26-13)

13.20.090 - Industrial (IN).

- A. Availability. Industrial service shall be available to any industrial business within or without the boundaries of the City as herein defined. "Industrial" is defined as any business user whose primary function is manufacturing or processing, where value is added to the raw materials, or is the storage of bulk, materials, or is the pumping of oil or other materials.
- B. Service. The service provided shall be such phase and voltage as the utility has immediately available to the site. Single phase service shall not be utilized where motors aggregate over fifteen (15) hp, except at the option of the utility. All motors over one and one-half hp shall have a nominal rating of two hundred thirty (230) volts or higher.
- C. Rates—IN.
  - 1. Demand (Fifteen (15) Minutes).
    - a. The first twenty (20) kw per month for a minimum of one hundred dollars (\$100.00).
    - b. Additional usage over twenty (20) kw shall be charged at a rate of six dollars and forty cents (\$6.40) per kw of usage.
    - c. These demand rates shall take effect as of publication of the ordinance codified in this chapter and shall remain in effect until further action by the Governing Body.
  - 2. Energy.
    - a. The rate applying to the first one hundred thousand (100,000) kWh/month shall be as follows:
      - i. \$0.0572 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
      - ii. \$0.0622 per kWh for the period effective January 1, 2015 through December 31, 2015; and
      - iii. \$0.0672 per kWh for the period effective January 1, 2016 until further action by the Governing Body.
    - b. The rate applying to all monthly usage in excess of one hundred thousand (100,000) kWh/month shall be as follows:
      - i. \$0.0532 per kWh from the date of publication of the ordinance codified in this chapter through December 31, 2014;
      - ii. \$0.0582 per kWh for the period effective January 1, 2015 through December 31, 2015; and
      - iii. \$0.0632 per kWh for the period effective January 1, 2016 until further action by the Governing Body.

Such rates are applicable to all industrial users who elect, by signing an annual contract, or extension thereof, to qualify hereunder.

A credit of two percent on the entire charge shall be granted for primary metering. A two percent credit shall also be granted for customer ownership and installation of transformers and service entrance.

(Ord. 1219 § 8, 1990; Ord. 1138 § 9, 1984)

(Ord. No. 1552, § 8, 9-26-13)

13.20.095 - Net metering services to certain commercial customers.

- A. Availability. A commercial Net Metering Service shall be available to all commercial and industrial customers that have completed the Net Metering Policy application and have been accepted to interconnect a renewable resource generator onto the city system. An application will have been submitted and accepted prior to taking service under this schedule. Customer must have installed a separate meter to measure the amount of energy consumed at the location and the amount of energy produced by the renewable generation. All costs for the city to install metering will be paid by the customer.
- B. Service. Service shall be as designated in subsection B of Residential Service ordinance Section 13.20.020 except the additional requirement of metering on the output of the renewable generation as stated above. Metering on the output hereunder shall be at the rates specified in the following schedule.
1. Customer Charge — one hundred dollars (\$100.00) per Billing Month;
  2. Demand Rate — fifteen (15) minute average peak demand within the billing period. Thirteen dollars and fifty cents (\$13.50)/kW per billing month;
  3. Customer must generate at least ten (10) percent of customer's needs; and
  4. Energy Charge — four cents (\$0.040) per kilowatt hour (kWh).

(Ord. No. 1590, §§ 2, 3, 3-5-18)