

RESOLUTION NO. 2016-37

A RESOLUTION ESTABLISHING A SCHEDULE OF ELECTRICAL RATES TO BE CHARGED CUSTOMERS FOR ENERGY AND POWER FROM THE ELECTRIC DISTRIBUTION SYSTEM OF THE CITY; TO REPEAL CONFLICTING RATES AND SCHEDULES; AND TO PROVIDE FOR AN EFFECTIVE DATE.

BE IT RESOLVED by the Mayor and City Council of the City of Wayne, Nebraska, that pursuant to Section 82-83 (bb) Rates of the Wayne Municipal Code, the following schedule of rates to be charged customers for energy and power from the electric distribution system is hereby approved:

RATES:

Summer Rates:

The summer rates shall apply to the customer's use from the day meters are read for billing purposes in mid-May through the day meters are read for billing purposes in mid-September.

Winter Rates:

The winter rates shall apply to the customer's use from the day meters are read for billing purposes in mid-September through the day meters are read for billing purposes in mid-May.

Terms and Conditions:

1. Service will be furnished under the City's General Terms and Conditions.
2. The rates set forth herein may be increased by the amount of any new or increased governmental tax imposed and levied on transmission, distribution, production, or sale of electrical power.

SECTION I: RESIDENTIAL (ER)

A. Monthly rate for Summer Period:

| | | |
|------------------------------------------|---------------------|-----------------|
| | <u>NET</u> | |
| Customer Service Charge, per month | \$12.57 | \$13.39 |
| Plus Energy Charge of: | | |
| First 700 kWh, per kWh..... | \$.1154 | \$.1229 |
| Over 700 kWh, per kWh..... | \$.1195 | \$.1273 |

B. Monthly rate for Winter Period:

| | <u>NET</u> | |
|------------------------------------------|---------------------|-----------------|
| Customer Service Charge, per month | \$12.57 | \$13.39 |
| Plus Energy Charge of: | | |
| First 700 kWh, per kWh..... | \$.0988 | \$.1052 |
| Over 700 kWh, per kWh..... | \$.0471 | \$.0502 |

C. Minimum Monthly Bill:
The Customer Service Charge

SECTION II: GENERAL SERVICE (EC)

A. Monthly rate for Summer Period:

| | <u>NET</u> | |
|------------------------------------------|---------------------|-----------------|
| Customer Service Charge, per month | \$27.15 | \$28.91 |
| Plus Energy Charge of: | | |
| First 1,300 kWh, per kWh..... | \$.1173 | \$.1249 |
| Over 1,300 kWh, per kWh..... | \$.1224 | \$.1304 |

B. Monthly Rate for Winter Period:

| | | |
|------------------------------------------|---------------------|-----------------|
| Customer Service Charge, per month | \$27.15 | \$28.91 |
| Plus Energy Charge of: | | |
| First 1,300 kWh, per kWh..... | \$.1019 | \$.1085 |
| Over 1,300 kWh, per kWh..... | \$.0489 | \$.0521 |

C. Minimum Monthly Bill:
The Customer Service Charge, and for special installations, \$1.00 per kVA of requested transformer capacity.

In case of equipment having abnormally low utilization factors or unusual operating characteristics, special minimum charges may be prescribed by the City.

SECTION III: GENERAL SERVICE DEMAND (GSD)

A. Monthly rate for Summer Period:

| | <u>NET</u> | |
|-----------------------------------------|--------------------|----------------|
| Customer Service Charge, per month | | |
| · Single phase..... | \$35.78 | \$38.11 |
| · Three phase..... | \$44.04 | \$46.90 |
| Demand Charge: | | |
| Per kW per month of billing demand..... | \$17.41 | \$18.54 |

Plus Energy Charge of:
 For all usage, per kWh~~\$.06~~ **\$.0639**

B. Monthly rate for Winter Period:

Customer Service Charge, per month
 · Single phase~~\$35.78~~ **\$38.11**
 · Three phase~~\$44.04~~ **\$46.90**

Demand Charge:
 Per kW per month of billing demand~~\$ 7.45~~ **\$ 7.93**

Plus Energy Charge of:
 For all usage, per kWh~~\$.06~~ **\$.0639**

C. Minimum Monthly Bill:

Customer Service Charge, plus billing demand

D. Applicable: To any existing or new customers that have a peak demand of 50 kW for three consecutive months, but not exceeding 1,000 kW. For monitoring purposes, a demand meter may be installed by the City when the customer's demand is believed to exceed 25 kW. The customer will remain on this rate for a minimum of 12 months, once established.

E. Power Factor Adjustment: For loads of 100 kW or more, or at the option of the City for loads of less than 100 kW, power factor adjustments will be made in the billing demand, when the power factor, as determined by test, at the time of the customer's maximum use is less than 90%. If the power factor, as measured by the electric department, is lower than 90%, the monthly demand charge will be multiplied by the ratio 90% bears to the measured power factor, or at the City's option, the power factor may be corrected at the customer's expense. The adjusted measured demand then becomes a billing demand.

F. Billing Demand: The billing demand for any month shall be the adjusted measured demand, but not less than 60% of the highest summer month of the past 11 months.

G. Primary Voltage Metering: Where service is taken under this rate schedule at a primary voltage, the following discounts shall apply.

- 4% of the total charge where metering is at primary voltage and transformers are owned by the customer.
- 2% of the total charge where metering is at secondary voltage and transformers are owned by the customer.
- 1% of the total charge where metering is at primary voltage and

transformers are owned by the City.

- H. Applicable: All GSD customers will be reviewed annually in October to determine their status in this rate class. (Not applicable to resale, stored, or auxiliary service).

SECTION IV: SUPPLEMENTAL SERVICE (SS)

- A. Monthly rate for Summer Period:

| | | |
|------------------------------------------|--------------------|----------------|
| | <u>NET</u> | |
| Customer Service Charge, per month | \$68.16 | \$72.59 |
| Demand Charge: | | |
| Per kW of billing demand | \$16.40 | \$17.47 |
| Plus Energy Charge, per kWh: | | |
| For all usage, per kWh | \$.0653 | \$.0695 |

- B. Monthly rate for Winter Period:

| | | |
|------------------------------------------|--------------------|----------------|
| Customer Service Charge, per month | \$68.16 | \$72.59 |
| Demand Charge: | | |
| Per kW of billing demand | \$8.68 | \$9.24 |
| Plus Energy Charge, per kWh: | | |
| For all usage, per kWh | \$.0653 | \$.0695 |

- C. Minimum Monthly Bill:

The Customer Service Charge, plus billing demand charges.

- D. Power Factor Adjustment: For loads of 500 kW or more, or at the option of the City, power factor adjustments will be made in the billing demand, when the average power factor is less than 90%. If the average power factor, as determined by the electric department, is lower than 90%, the monthly demand charge will be multiplied by the ratio 90% bears to the average power factor, or at the City's option, the power factor may be corrected at the customer's expense. The adjusted measured demand then becomes the billing demand.

- E. Billing Demand: The billing demand for any month shall be the adjusted measured demand, but not less than 60% of the highest summer month of the past 11 months.

- F. Primary Voltage Metering: Where service is taken under this rate schedule at a primary voltage, the following discounts shall apply.

- 4% of the total charge where metering is at primary voltage and transformers are owned by the customer.
- 2% of the total charge where metering is at secondary voltage and transformers are owned by the customer.
- 1% of the total charge where metering is at primary voltage and transformers are owned by the City.

SECTION V: LARGE POWER (LP)

A. Monthly rate for Summer Period:

| | <u>NET</u> | |
|------------------------------------------|--------------------|----------------|
| Customer Service Charge, per month | \$61.18 | \$65.16 |
| Demand Charge: | | |
| Per kW of billing demand | \$20.39 | \$21.72 |
| Plus Energy Charge, per kWh: | | |
| For all usage, per kWh | \$.0506 | \$.0539 |

B. Monthly rate for Winter Period:

| | | |
|------------------------------------------|--------------------|----------------|
| Customer Service Charge, per month | \$61.18 | \$65.16 |
| Demand Charge: | | |
| Per kW of billing demand | \$10.76 | \$11.46 |
| Plus Energy Charge, per kWh: | | |
| For all usage, per kWh | \$.0506 | \$.0539 |

C. Minimum Bill:

The Customer Service Charge, plus billing demand charges.

D. Power Factor Adjustment: For loads of 1,000 kW or more, or at the option of the City, power factor adjustments will be made in the billing demand, when the power factor, as determined by test, at the time of the customer's maximum use is less than 90%. If the power factor, as measured by the electric department, is lower than 90%, the monthly demand charge will be multiplied by the ratio 90% bears to the measured power factor, or at the City's option, the power factor may be corrected at the customer's expense. The adjusted measured demand then becomes a billing demand.

E. Billing Demand: The billing demand for any month shall be the adjusted measured demand, but not less than 60% of the highest summer month of the past 11 months.

- F. Primary Voltage Metering: Where service is taken under this rate schedule at a primary voltage, the following discounts shall apply.
- 4% of the total charge where metering is at primary voltage and transformers are owned by the customer.
 - 2% of the total charge where metering is at secondary voltage and transformers are owned by the customer.
 - 1% of the total charge where metering is at primary voltage and transformers are owned by the City.
- G. Applicable: All LP customers will be reviewed annually in October to determine their status in this rate class. (Not applicable to resale, stand-by, or auxiliary service).

SECTION VI: MUNICIPAL SERVICE (CC)

- A. Monthly Rate:

All kWh, per kWh.....~~\$1.009~~ **\$.1075**

- B. Available:

To any customer meeting City criteria for service under this schedule, and to any electrical load in which the City has the sole investment and interest. This rate shall be applicable to street lighting.

SECTION VII: DUSK-TO-DAWN LIGHTING

- A. Monthly Rate:

1. For installation on an existing pole and connected to existing secondary conductors on each pole:

| <u>Mercury Vapor Luminaire</u> | <u>High Pressure Sodium</u> | <u>Net</u> | |
|------------------------------------|---------------------------------|--------------------|-------------------------|
| 175 watt | 100 watt | \$8.50 | per unit \$ 9.05 |
| 250 watt | 150 watt | \$11.01 | per unit \$11.73 |
| 400 watt | 200 or 250 watt | \$14.33 | per unit \$15.26 |
| 400 watt | | \$19.30 | per unit \$20.55 |

2. Where an extension of existing overhead facilities is required, and where such extension is acceptable to the City, the monthly rate shall be increased as follows:

| | | |
|-----------------------------------------------------------|-------------------|---------------|
| · each additional pole installed and | \$1.81 | \$1.93 |
| each additional span of secondary conductors installed | \$1.25 | \$1.33 |

3. For installation on decorative metal poles, including secondary wiring:

| <u>Mercury Vapor Luminaire</u> | <u>High Pressure Sodium</u> | <u>Net</u> | |
|------------------------------------|---------------------------------|--------------------|-------------------------|
| 175 watt | 100 or 150 watt | \$14.03 | per unit \$14.94 |
| | | | 9' to 11' poles |
| 175 watt | 100 watt | \$19.45 | per unit \$20.71 |
| | | | 18' to 22' poles |
| 250 watt | 150 or 200 watt | \$21.50 | per unit \$22.90 |
| | | | 18' to 22' poles |
| 400 watt | 200 or 250 watt | \$24.00 | per unit \$25.56 |
| | 24' to 30' poles | | |
| | 400 watt | \$31.97 | per unit \$34.05 |
| | | | 30' to 40' poles |

SECTION VIII:
POWER PROCUREMENT COST ADJUSTMENT (PCA)

- A. Power Procurement Cost Adjustment: All electrical usage in the Service Area may be subject to application of a Production Cost Adjustment (PCA). The rates, as defined above, include a Production Cost Base of \$.06700 (summer) and \$.05925 (winter).

Whenever the total monthly Production Cost exceeds, or is less than, the Production Cost Base, a Production Cost Adjustment may be included in the billing charges. The adjustment shall be calculated in accordance with the following formula and shall include a loss adjustment based upon the previous year's sales and purchases data.

$$PCA = \text{Actual Average Monthly Cost} \times (1 + \text{Loss Factor}) - \text{Base Cost}$$

Production costs shall include all costs of purchased power and energy. The Loss Factor shall be equal to the difference, expressed as a fraction, between net system energy purchased for the previous year and annual retail sales for the same period.

BE IT FURTHER RESOLVED that the electrical rates established by Resolutions No. 83-17, 89-6, 92-48, 95-16, 95-22, 99-41, 2001-51, 2003-9, 2004-3, 2005-97, 2007-5, 2009-23, 2009-104, 2010-98, 2012-5 and 2013-79 are hereby revoked, canceled, and annulled on the effective date of this Resolution, and the schedule of rates herein established and fixed shall continue until changed, revoked, or modified by resolution.

BE IT FURTHER RESOLVED that the amendments made herein shall be applicable with the billing statement received on or about June 1, 2016 (usage from mid-April through mid-May).

PASSED AND APPROVED this _____ day of May, 2016.

THE CITY OF WAYNE, NEBRASKA,

By _____
Mayor

ATTEST:

City Clerk