

ELECTRIC RATE INCREASES

ORDINANCE No. 23 – 04

An Ordinance Amending the Code of Ordinances, Chapter 11, Electric System,
Article 1, General Regulations, Section 1 of the City of Mascoutah, Illinois.

Passed: April 17, 2023

Effective Date: May 1, 2023

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(City Hall)

CITY OF MASCOUTAH, ILLINOIS

PAMPHLET – AVAILABLE FOR DISTRIBUTION

ORDINANCE NO. 23-04

**AN ORDINANCE AMENDING THE CODE OF ORDINANCES,
CHAPTER 11, ELECTRIC SYSTEM, ARTICLE 1, GENERAL REGULATIONS
SECTION 1 OF THE CITY OF MASCOUTAH, ILLINOIS.**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MASCOUTAH, IN
ST. CLAIR COUNTY, ILLINOIS, AS FOLLOWS:

SECTION 1: Amending CHAPTER 11, ELECTRIC SYSTEM, ARTICLE 1,
GENERAL REGULATIONS, SECTION 1, to amend the ELECTRIC RATES as attached.

SECTION 2: This ordinance shall be in full force and effect May 1, 2023, after passage,
approval and publication as required by law.

PASSED by the Mayor and the City Council of the City of Mascoutah, County of St.
Clair, State of Illinois, upon motion by Councilman Kohrmann, seconded by Councilman
Weyant, adopted on the following roll call vote on the 17th day of April, 2023, and deposited and
filed in the Office of the City Clerk in said City on that date.

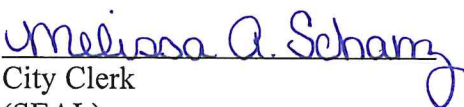
	<u>Aye</u>	<u>Nay</u>	<u>Absent</u>
John Weyant	<u>√</u>	—	—
Walter Battas	<u>√</u>	—	—
Nick Seibert	—	—	<u>√</u>
Eric Kohrmann	<u>√</u>	—	—
Pat McMahan	<u>√</u>	—	—

APPROVED AND SIGNED by the Mayor of the City of Mascoutah, Illinois, this 17th
day of April, 2023.

ATTEST:



Mayor



City Clerk
(SEAL)

ELECTRIC SYSTEM
ARTICLE I. GENERAL REGULATIONS

Sec. 11-1-1. Classification of uses.

The following classification of electric service, at the rates and on the qualifications, conditions and terms as respectfully set forth be and hereby are established for the sale of electric energy, by the municipal electric utility, to customers located within the corporate limits or adjacent to the distribution lines of the municipal electric utility.

(a) *Residential rate—Rate 1.* The gross charges shall equal the sum of the charges below.

(1) Customer Charge ~~\$16.00~~ **\$16.48** per month in FY ~~22-23~~**23-24**.

(2) Energy Charge For all KW-HR – ~~6.64~~ **6.84** cents per KW-HR in FY ~~22-23~~**23-24**.

The minimum monthly bill shall be the facilities charge. This rate is applicable to residences and for those purposes that are predominantly domestic.

(b) *Commercial and small power rate—Rate 2.*

First 4,500 KW hrs. used per month – ~~7.64~~ **7.87** cents per KW hr. in FY ~~22-23~~**23-24**.

Over 4,500 KW hrs. used per month – ~~6.94~~ **7.15** cents per KW hr. in FY ~~22-23~~**23-24**.

The customer charge shall be ~~\$23.50~~ **\$24.21** per month. This rate is applicable to stores, shops, garages, depots, public halls, hospitals, mills, factories, pool rooms, taverns, soft drink parlors and other places of business, public resort or amusement.

Transformer charge. If the city owns and operates transformers to convert the voltage from the main supply line to the voltage required by the customer, the customer shall be billed a charge of \$1.00 per KW for each KW of distribution capacity for each billing period.

(c) *Large power rate—Rate 3.*

First 4,500 KW hrs. used per month – ~~7.55~~ **7.78** cents per KW hr. in FY ~~22-23~~**23-24**.

Over 4,500 KW hrs. used per month – ~~6.81~~ **7.01** cents per KW hr. in FY ~~22-23~~**23-24**.

The customer charge shall be ~~\$23.50~~ **\$24.21** per month.

Rate 3 shall apply to all customers having a monthly demand of 75 kilowatts or greater with a non-lighting or heat load of more than 25 percent of the total demand, and to customers presently being served under a contract which provides for billing under this rate.

Transformer charge. If the city owns and operates transformers to convert the voltage from the main supply line to the voltage required by the customer, the customer shall be

billed a charge of \$1.00 per KW for each KW of distribution capacity for each billing period.

Larger power rate: Rate 3a. For commercial customers with at least 30,000 KWH/ month.

- First 200 KWH per KW of billing demand— ~~\$.0415~~ **\$.0427** per KWH in FY ~~22-23~~**23-24**.
- Over 200 KWH per KW of billing demand—~~\$.0130~~ **\$.0134** per KWH in FY ~~22-23~~**23-24**.
- Customer charge—~~\$136.50~~ **\$140.60** in FY ~~22-23~~**23-24**.
- Demand charge per KW—~~\$9.15~~ **\$9.42** in ~~22-23~~**23-24**.

(d) *Residential and Commercial Space heating—Rate 4.*

First 100 KW hrs. used per month – ~~7.44~~ **7.66** cents per KW hr. in FY ~~22-23~~**23-24**.
Next 700 KW hrs. used per month – ~~6.94~~ **7.15** cents per KW hr. in FY ~~22-23~~**23-24**.
Over 800 KW hrs. used per month – ~~5.44~~ **5.60** cents per KW hrs. in FY ~~22-23~~**23-24**.

The electric space heating rate is to apply to energy used during the seven month period October to April, inclusive, and where no other source of fuel for space heating is being used.

Customer Charge - ~~\$19.00~~ **\$19.57** per month.

(e) *Miscellaneous municipal electric service—Rate 5.*

First 5,000 KW hrs. used per month – ~~7.64~~ **7.87** cents per KW hr. in FY ~~22-23~~**23-24**.
Next 20,000 KW hrs. used per month – ~~6.57~~ **6.77** cents per KW hr. in FY ~~22-23~~**23-24**.
All over 25,000 KW hrs. used per month – ~~5.78~~ **5.95** cents per KW hr. in FY ~~22-23~~**23-24**.

(f) *Municipal street lighting service—Rate 6.*

(1) *Class of service.* Utility will furnish the classes of service described below each at the corresponding base rates per lamp per month, as indicated in the table of base rates per lamp per month set forth below, including maintenance, depreciation, electric energy requirements, and replacements of lamps and other glassware as required on systems owned and operated by utility, but only including electric energy requirements and lamp replacements on system owned and operated by municipality.

(a) *Class A.* Sodium vapor, mercury vapor or LED lamps, owned and operated by Municipality.

(b) *Class B.* Mercury vapor lamps, sodium vapor lamps or LED lamps on standard overhead wood pole construction, owned and operated by utility.

(c) Class C. Mercury vapor lamps, sodium vapor lamps or LED lamps on standard overhead concrete pole construction or on existing metal pole construction, owned and operated by utility.

(2) *Rates.*

(a) Base rates per lamp per month. The following rates based on 4,000 hours per year burning, including all hours of darkness:

FY 22-23 23-24

<u>Size</u>	<u>Class A</u>	<u>Class B</u>	<u>Class C</u>
Mercury Vapor			
7200 Lumen, 175 watts	\$3.80	\$11.96	\$17.30
11000 Lumen, 250 watts	5.11	13.47	19.36
17000 Lumen, 400 watts	7.25	17.20	19.77
30000 Lumen, 700 watts	12.68	25.04	35.82
46000 Lumen, 1,000 watts	15.37	28.41	41.42
Sodium Vapor			
8700 Lumen, 100 watts	\$4.54	\$15.47	\$23.53
15000 Lumen, 150 watts	7.30	16.23	24.19
23000 Lumen, 250 watts	10.47	19.67	28.52
46500 Lumen, 400 watts	15.37	25.80	33.76
LED			
5800 Lumen, 70 watts	\$3.09	\$11.09	\$17.09
19100 Lumen, 196 watts	6.78	14.78	20.78

(g) *Customer area lighting service—Rate 7.*

(1) *Availability.* Any customer located in territory served by utility may take service under this service classification for lighting outdoor areas, where the period of lighting is limited from dusk to dawn, subject to the following conditions:

- (a) That customer is located adjacent to utility lines from which such service can be rendered, and
- (b) That customer enters into a written contract with utility for service, for a period of one year.

(2) *Rates.* The gross charge shall equal the sum of the charges below and other applicable charges.

(a) *Lamp charges.* If the lighting fixtures can be installed on an existing distribution type wood pole and service can be supplied from an existing overhead secondary

circuit on the pole, the monthly charges applicable to such installation shall be as follows:

FY 22-23 23-24

<u>Type of Lamp</u>	<u>Lumen Rating</u>	<u>Wattage Rating</u>	<u>\$Charges Per Month</u>
<u>Area Lighting</u>			
Mercury Vapor	6,400	175	\$6.90
Mercury Vapor	9,400	250	6.80
Mercury Vapor	16,000	400	13.81
Mercury Vapor	45,200	1,000	19.00
Sodium Vapor	8,500	100	7.71
Sodium Vapor	15,000	150	8.28
Sodium Vapor	22,000	250	13.81
Sodium Vapor	45,000	400	25.32
LED	5,800	70	3.03
LED	15,600	152	5.96
Pole Rental		\$2.00 per month	
<u>Directional Lighting</u>			
Sodium Vapor	22,000	250	15.83
Sodium Vapor	45,000	400	19.00
Metal Halide	20,000	250	25.32
Metal Halide	40,000	400	25.32
Metal Halide	117,000	1,000	40.29
Metal Halide		1,500	
Quartz		500	5.76
LED Flood Light	9,520	85	6.06
LED Flood Light	14,190	129	8.15

(b) *Additional charges.* If additional facilities or fixtures other than utility's standard type of rearrangement of existing facilities shall be required to serve customer, utility shall install, operate and maintain such facilities for an additional monthly charge. These charges shall be in addition to the lamp charges.

(h) *Fair Solar Credit Rate for Energy Produced—Rate 8.*

For all approved on-site generating facilities “avoided cost” shall be determined based on the sum of 1 and 2 below:

1. The rate in cents per kWh as published and approved annually by the governing body of the City of Mascoutah based on the calculations and recommendation from the City of Mascoutah’s electric wholesale supplier. The rate shall take into consideration the following:

- a. Historic real time pricing of prior calendar year of energy in the wholesale market as valued at the locational marginal pricing (LMP) for that location as

defined by the appropriately located Regional Transmission Organization (RTO).

- b. Solar-weighted LMP: The simple average of the LMP weighted using Solar Weighting. Solar weighting is the expected production of each hour of a typical solar installation as determined using the National Renewable Energy Laboratory (NREL) System Advisory Model (SAM) as may be amended from time to time.
 - c. Capacity value: Appropriate RTO capacity price with solar factors applied for average system peak times.
 - d. Transmission Value: Appropriate RTO transmission cost recovery with solar factor applied for average peak times.
2. The rate in cents per kWh as calculated by the City of Mascoutah for the avoidance of distribution system losses.

~~Fair Solar Credit Rate for Energy Produced—5.38 cents per KW-HR.~~

(i) *Medium Industrial Rate—Rate 9.*

- (1) Available to nonresidential customers with a minimum monthly billing demand of 1,000 kW and a minimum annual energy usage of 4,400,000 kWh.**
- (2) The rates charged to the Customer shall be calculated as follows:**
 - a. Customer Meter Charge: \$1,000.00 per month**
 - b. Energy Charge: \$0.015 per kWh**
 - c. Demand Charge: \$18.00 per kW**

(j) *Large Industrial Rate—Rate 10.*

- (1) Available to nonresidential customers with a minimum monthly billing demand of 5,000 kW and a minimum annual energy usage of 22,000,000 kWh.**
- (2) The rates charged to the Customer shall be calculated as follows:**
 - a. Customer Meter Charge: \$1,000.00 per month**
 - b. Energy Charge: Wholesale Energy Charge PLUS \$0.035 per kWh for all kWh's used per month**
 - c. Demand Charge: Wholesale Demand Charge PLUS \$1.50 per kW for all kW of billing demand**
 - d. Billing Demand:**
 - (i.) billing demand is defined as the highest hourly integrated demand in kW of all of Customer's primary meters each month**

- (ii.) for purposes of determining the demand charges under this rate, billing demand is defined as the maximum hourly kW demand of all of Customer's primary meters at the time of the City's maximum hourly demand for the applicable month.
- e. **Reactive Demand Charge:** is defined as \$0.25 per kVAR for all kVAR's at the time City's maximum hourly demand for the applicable month.
- f. **Energy:** is defined as the amount of energy consumed, measured in kilowatt-hours (kWh).
- g. **Energy Losses:** is defined as two percent (2%) of the amount of energy consumed, measured in kilowatt-hours (kWh).
- h. **Wholesale Energy Charge:** is defined as the Wholesale Energy Charge Rate ("ECR") (per kWh) and the Wholesale Energy Cost Adjustment ("ECA") (per kWh). The ECR and ECA are hereby defined as the per kWh base rates and rate adjustments which are passed on by City's wholesale power supplier, the Illinois Municipal Electrical Agency ("IMEA"), to reflect the actual cost of energy purchased by the IMEA. The calculated adjustments for the previous month's purchases are applied to the current month's usage and then added to the current month's invoice.
- i. **Energy Losses Charge:** is defined as the current month Energy Losses (kWh) multiplied times the current month Energy Charge (per kWh).
- j. **Wholesale Demand Charge:** is defined as the Wholesale Demand Charge Rate ("DCR") (per kW-month) and the Wholesale Demand Cost Adjustment ("DCA") (per kW-month). The DCR and DCA are hereby defined as the per kW-month base rates and rate adjustments which are passed on by City's wholesale power supplier, the Illinois Municipal Electrical Agency ("IMEA"), to reflect the actual cost of capacity purchased by the IMEA. The calculated adjustments for the previous month's purchases are applied to the current month's usage and then added to the current month's invoice.
- k. **Tax Adjustment:** is defined as any tax or charge imposed or levied by any taxing authority including the Illinois State Public Utility Revenue Tax Act and all applicable City municipal utility taxes shall be added to Customer's bill.

Sec. 11-1-6. Consumer Price Index (CPI)

Effective for customer bills rendered after April 30, 2008, each year, at the beginning of the City's fiscal year, the unit charges for electric rates will be adjusted to reflect no more than the percentage increase of change, if any, in the Consumer Price Index for Urban Wage Earners and

Clerical Workers (CPI-W): Midwest Urban Region, All Items Index, as published by the Bureau of Labor Statistics of the U.S. Department of Labor, on the first published date after the beginning of the most recent calendar year, to the average comparable index for the previous year (12 months).

Note: This index can be found at www.bls.gov/cpi/