

KCP&L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 8th Revised Sheet No. 1
 Canceling P.S.C. MO. No. 1 -7th Revised Sheet No. 1

For Missouri Retail Service Area

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P.S.C. MO. No. 1 7th Revised Sheet No. 41
Canceling **P.S.C. MO. No.** 1 6th Revised Sheet No. 41
For Territory Served as L&P

**MUNICIPAL STREET LIGHTING (FROZEN)
ELECTRIC**

AVAILABILITY

Available for overhead lighting in streets, alleys, parks and public places to all incorporated municipalities and other governmental agencies who shall contract for a minimum period of ten (10) years.

This schedule is not available to new customers after May 19, 2017.

RATE MOS22, MOS24

Section A:

The Company shall furnish and maintain, and the customer shall use and pay for overhead street lighting units according to the following schedule:

Net Rate (per lamp per month)

Mercury Vapor Lamps

175 watt (estimated 7,650 lumens).....	\$10.83
250 watt (estimated 11,000 lumens).....	\$12.88
400 watt (estimated 19,100 lumens).....	\$19.45

High Pressure Sodium Lamps

150 watt (estimated 14,400 lumens).....	\$12.33
250 watt (estimated 24,750 lumens).....	\$16.43
400 watt (estimated 45,000 lumens).....	\$19.73

Section B:

The Customer shall also pay an additional charge for other facilities according to the following schedule:

Net Rate MOSJB

Standard Metal Pole at.....	\$7.14 per pole per month
10-Foot Mast Arm at	\$0.2598 per lamp per month
Underground Circuit, in dirt, at	\$0.0557 per foot per month

Street lighting, installed in residential subdivisions with underground distribution systems, will be installed on wood or standard metal poles or special ornamental poles, with underground circuits. The additional charge for underground circuit in dirt will not apply to circuits installed at the same time as the distribution system.

Where special ornamental fixtures and/or poles are requested and mutually agreed to, the cost of such special facilities, over and above the cost of standard facilities included in the above rates, will be subject to an Additional Facilities charge as provided in Company Rules and Regulations.

Section C:

When the customer so elects, it may furnish, own and maintain whiteway poles, brackets and luminaires, and the Company shall furnish, own and maintain overhead circuits and controls, and provide relamping service according to the following schedule:

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For Territory Served as L&P

MUNICIPAL STREET LIGHTING (FROZEN) (continued)
ELECTRIC

Section C: (continued)

Net Rate MOS22 (per lamp per month)

Mercury Vapor Lamps

250 watt (estimated 11,000 lumens).....	\$9.82
400 watt (estimated 19,100 lumens).....	\$15.40

Section D:

The foregoing Sections A, B and C of this overhead lighting schedule are only applicable to a municipality provided that the Company is serving the municipality under the terms of an electric franchise. In case the Company shall at any time furnish overhead street lighting service to a municipality without the existence of an electric franchise, all lighting shall be charged for in accordance with the net rates respectively set out in Sections A, B and C plus ten (10) percent.

LATE PAYMENT CHARGE

See Company Rules and Regulations

CONDITIONS OF SERVICE

1. The rates and charges herein provided are subject to the jurisdiction of the Missouri Public Service Commission.
2. All lamps shall burn every night from dusk to dawn, subject to a reasonable maintenance schedule.
3. Park lighting may burn on a seasonal schedule in accordance with the requirements of the customer.
4. The character of street lighting circuit (series or multiple) shall be determined by the Company.

SPECIAL RULES

For purposes of accounting for kWh's, the following amounts per lamp per month will be used:

Mercury Vapor Lamps

175 watts	77 kWh
250 watts	106 kWh
400 watts	116 kWh

High Pressure Sodium Lamps

150 watts	63 kWh
250 watts	116 kWh
400 watts	180 kWh

Mercury vapor fixtures are not available for new installations. Replacement of existing installed fixtures with similar mercury vapor fixtures will be limited to Company stocks of such fixtures.

The Company Fuel Adjustment Clause and Renewable Energy Standard Rate Adjustment Mechanism Rider is applicable to all charges under this schedule.

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P.S.C. MO. No. 1 1st Revised Sheet No. 45
Canceling P.S.C. MO. No. 1 Original Sheet No. 45
For Territory Served as L&P

**STREET LIGHTING & TRAFFIC SIGNALS (FROZEN) (Continued)
ELECTRIC**

LATE PAYMENT CHARGE

See Company Rules and Regulations

SPECIAL RULES

1. Use of Company Poles

Approval for attachments of Customer equipment on Company poles is required. All Customer attachments to Company poles shall be made in accordance with the National Electric Safety Code (NESC).

If the Company poles are of insufficient height to support the Customer attachments in accordance with the NESC or Company Standards, the Customer shall reimburse the cost to the Company for the non-betterment portion. This will include the cost of poles, removal of existing poles and replacement with new poles less any salvage value.

Any work performed on Company poles that requires rearranging or moving of Customer-owned facilities shall be performed by the Customer at no cost to the Company.

2. Facilities

- a) Customer shall install, own and maintain all secondaries if the customer supplies Customer-owned lights only.
- b) The Company shall install, own and maintain all secondaries if Company supplies other Company customers as well as Customer lighting.
- c) The Company shall make all connections between Customer-owned secondaries or individual light fixtures to Company secondaries or transformers.
- d) If Company in the future requires use of Customer-owned secondaries, the Company shall own and maintain the secondaries as needed to supply future customers as well as maintain existing service to the Customer street lighting circuits.
- e) The character of street lighting circuit (series or multiple) shall be determined by the Company.

3. Electric Service

a) Delivery Points

The Company shall deliver and the Customer agrees to receive electric service at the delivery points to be agreed upon by the Company and the Customer.

As additions and deletions are made on the unmetered street lighting circuits and traffic signals, the Customer shall notify the Company in writing as to the type of light, number of lights, lumens, voltage, wattage, and a drawing which includes the location, street name, secondaries, and addresses in the area.

All requests shall be made at least ten (10) Company working days in advance. Additional time may be required for large projects.

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P.S.C. MO. No. 1 3rd Revised Sheet No. 46
Canceling P.S.C. MO. No. 1 2nd Revised Sheet No. 46
For Territory Served as L&P

STREET LIGHTING & TRAFFIC SIGNALS (FROZEN) (Continued)
ELECTRIC

3. Electric Service (Continued)

b) Voltage, Frequency and Phase

The voltage, frequency and phase of all service under this schedule shall be only as specified by the Company.

c) Safety

1) Customer shall notify the Company for the following:

(a) To connect or disconnect from the Company secondaries.

(b) Repair and maintenance of existing series circuits if primary conductors are attached to the same crossarm or above the Company's conductors.

(c) To cover the Company primaries with insulating equipment.

2) Customer shall perform all work covered under this schedule in a safe manner and in accordance with the NESC and all applicable federal, state and local laws and regulations.

d) Tree Trimming and Maintenance

It shall be the Customer's responsibility for trimming trees in order to maintain sufficient clearances from customer facilities and equipment so as not to interrupt the supply of service from the Company.

4. Review of Existing Facilities

The Customer agrees to perform a review of all Customer-owned facilities in conjunction with Company personnel. The review will be conducted a minimum of every five (5) years. Such review shall include updating of mapping for Customer-owned facilities, verification of existing type, size and location of facilities, and a review of safety standards and practices pertaining to the placement, operations and maintenance of facilities.

5. Fuel Adjustment Clause

The Company Fuel Adjustment Clause is applicable to all charges under this schedule.

6. Renewable Energy Standard Rate Adjustment Mechanism Rider

The Company Renewable Energy Standard Rate Adjustment Mechanism Rider is applicable to all charges under this schedule.

KCP&L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 7th Revised Sheet No. 88
 Canceling P.S.C. MO. No. 1 6th Revised Sheet No. 88
 For Territory Served as MPS

MUNICIPAL STREET LIGHTING SERVICE (FROZEN) ELECTRIC

AVAILABILITY

This schedule is available to communities and cities (referred to herein as cities) within their corporate limits for street lighting installations where street lighting service is rendered on Company's standard street lighting contract and where Company has an electrical distribution system available. Where conditions of service are different than under said standard street lighting contract, Company may require an additional facilities contract to compensate Company for any added services or costs.

This schedule shall also apply to all lighting units installed, replaced, or moved on or after the effective date hereof.

This schedule is not available to new customers after May 19, 2017.

	<u>Annual Rate Per Unit ⁽¹⁾</u>	
	<u>Overhead Wiring</u>	<u>Underground Wiring</u>
<u>Mercury Vapor: MON10, MON12, MON16, MON18</u>		
<u>FROZEN ⁽²⁾</u>		
3300 L, M.V., open glassware, wood pole, (\$5.00 less where fixture may be installed on an existing distribution pole)	\$97.03	\$143.15
7700 L, M.V., open glassware, wood pole (\$5.00 less where fixture may be installed on an existing distribution pole)	\$129.56	\$175.70
7700 L, M.V., open glassware, steel pole	\$161.66	\$207.76
7700 L, M.V., streamlined fixture, wood pole	\$148.79	\$194.95
7700 L, M.V., streamlined fixture, steel pole	\$180.84	\$226.98
10500 L, M.V., enclosed fixture, wood pole	\$172.67	\$218.74
10500 L, M.V., enclosed fixture, steel pole	\$204.67	\$250.83
21000 L, M.V., enclosed fixture, wood pole	\$214.00	\$260.11
21000 L, M.V., enclosed fixture, steel pole	\$246.00	\$292.13
54000 L, M.V., enclosed fixture, wood pole	\$404.80	\$450.95
54000 L, M.V., enclosed fixture, steel pole	\$436.81	\$482.94
<u>High Pressure Sodium Vapor: MON20, MON22</u>		
<u>(Retrofit to Mercury Vapor Fixtures, Not Available for New Installations)</u>		
12000 L, 150 W, S.V., Open glassware, wood pole (\$5.00 less where fixture may be installed on an existing distribution pole).....	\$161.51	\$207.63
12000 L, 150 W, S.V., open glassware, steel pole	\$193.56	\$239.67
12000 L, 150 W, S.V., streamlined fixture, wood pole	\$180.73	\$226.87
12000 L, 150 W, S.V., streamlined fixture, steel pole	\$212.78	\$258.89
36000 L, 360 W, S.V., enclosed fixture, steel pole	\$275.88	\$322.01

(1) See "Adders for Additional Facilities" on Sheet No. 90 for charges to be made for additional facilities.
 (2) Mercury Vapor lamps and fixtures are limited to customers served under contracts initiated prior to November 26, 2007. Replacement of existing installed fixtures with similar mercury vapor fixtures will be limited to Company stocks of such fixtures. All existing mercury vapor lights shall be changed to high pressure sodium lights when maintenance or changeout is required. When these changeouts occur, the Net Rate per lamp per month will be changed to the high pressure sodium rate.

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 Canceling P.S.C. MO. No. 1 6th Revised Sheet No. 89
 For Territory Served as MPS

MUNICIPAL STREET LIGHTING SERVICE (FROZEN) (continued) ELECTRIC

	Annual Rate Per Unit ⁽¹⁾	
	Overhead Wiring	Underground Wiring
<u>High Pressure Sodium Vapor MON30, MON32, MON34, MON36</u>		
5000 L, 70 W, S.V., enclosed fixture, wood pole	\$177.20	\$223.32
5000 L, 70 W, S.V., enclosed fixture, steel pole	\$209.24	\$255.43
5000 L, 70 W, S.V., open fixture, wood pole (\$5.00 less where fixture may be installed on an existing distribution pole)	\$157.72	\$203.84
5000 L, 70 W, S.V., open fixture, steel pole.....	\$189.75	\$235.91
8000 L, 100 W, S.V., enclosed fixture, wood pole	\$180.26	\$226.40
8000 L, 100 W, S.V., enclosed fixture, steel pole	\$212.31	\$258.47
8000 L, 100 W, S.V., open fixture, wood pole (\$5.00 less where fixture may be installed on an existing distribution pole)	\$161.78	\$207.91
8000 L, 100 W, S.V., open fixture, steel pole.....	\$193.83	\$239.98
13500 L, 150 W, S.V., enclosed fixture, wood pole	\$187.75	\$233.88
13500 L, 150 W, S.V., enclosed fixture, steel pole	\$219.79	\$265.95
13500 L, 150 W, S.V., open fixture, wood pole	\$169.75	\$215.87
13500 L, 150 W, S.V., open fixture, steel pole	\$201.75	\$247.92
25500 L, 250 W, S.V., enclosed fixture, wood pole	\$212.84	\$258.92
25500 L, 250 W, S.V., enclosed fixture, steel pole	\$244.89	\$291.04
50000 L, 400 W, S.V., enclosed fixture, wood pole	\$252.90	\$298.99
50000 L, 400 W, S.V., enclosed fixture, steel pole	\$284.80	\$331.01
<u>Special Luminaire MON66</u>		
<u>Type</u>	<u>Style</u>	<u>Annual Rate Per Unit ⁽¹⁾</u>
		<u>Lamp Size</u> <u>Lumens</u> <u>Underground Wiring</u>
Decorative	Lantern HPS, 14' Decorative Pole, UG ⁽²⁾	100 W 8,000 \$397.22
Decorative	Lantern HPS, 14' Decorative Pole, UG ⁽²⁾	250 W 25,500 \$408.32
Decorative	Acorn HPS, 14' Decorative Pole, UG.....	100 W 8,000 \$403.04
Decorative	Acorn HPS, 14' Decorative Pole, UG.....	250 W 25,500 \$414.14
Decorative	5 Globe 70w HPS, 14' Decorative Pole, UG ⁽²⁾	350 W 25,000 \$1074.13
Decorative	Single Globe HPS, 14' Decorative Pole, UG ⁽²⁾	70 W 5,000 \$348.03
Decorative	Single Globe HPS, 14' Decorative Pole, UG ⁽²⁾	100 W 8,000 \$351.11

(1) See "Adders for Additional Facilities" on Sheet No. 90 for charges to be made for additional facilities.

(2) Limited to the units in service on June 4, 2011.

KCP&L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 6th Revised Sheet No. 90
 Canceling P.S.C. MO. No. 1 5th Revised Sheet No. 90
 For Territory Served as MPS

MUNICIPAL STREET LIGHTING SERVICE (FROZEN) (continued) ELECTRIC

ADDERS FOR ADDITIONAL FACILITIES
MONWR, MONWC, MONSR, MONSC

Annual Rate Per Unit

	<u>Overhead Wiring</u>	<u>Underground Wiring</u>
a. Wood pole and one (1) span of wire in addition to the pole supporting the fixture, per unit per year.	\$21.36	N/A
b. Steel pole and one (1) span of overhead wire in addition to the pole supporting the fixture, per unit per year.	\$61.44	N/A
c. Break away bases for steel poles - each.	\$33.81	\$33.81
d. Rock removal per foot per year. This charge shall not apply if customer supplies the ditch and back fills or furnishes conduit in place to Company specifications. Rock removal referred to in this adder shall be for removal of rock that cannot be dug with conventional chain ditch-digging equipment.	N/A	\$2.41
	<u>Wood Pole</u>	<u>Steel Pole</u>
e. Special mounting heights:		
30 ft. (requiring 35 ft. wood pole or 30 ft. steel)	\$20.80	\$70.53
35 ft. (requiring 40 ft. wood pole or 35 ft. steel)	\$56.31	\$103.09
40 ft. (requiring 45 ft. wood pole or 40 ft. steel)	\$62.32	\$161.19
50 ft. (requiring 55 ft. wood pole or 50 ft. steel)	\$112.66	\$359.31

TERMS OF PAYMENT

Customers' monthly bills will be computed at the net rates and will be based on one-twelfth (1/12th) the annual charge. Monthly bills will be computed to the nearest one (1) cent.

RULES AND REGULATIONS

Service will be furnished under Company Rules and Regulations and the special Rules and Regulations on Sheet No. 94.

KCP&L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 3rd Revised Sheet No. 94
Canceling P.S.C. MO. No. 1 2nd Revised Sheet No. 94
For Territory Served as MPS

**MUNICIPAL STREET LIGHTING AND PRIVATE AREA LIGHTING SERVICE
ELECTRIC**

SPECIAL RULES AND REGULATIONS

MUNICIPAL STREET LIGHTING (FROZEN) AND PRIVATE AREA LIGHTING

Service will be furnished under Company Rules and Regulations and the following additional rules and regulations.

All poles, wires, fixtures, and other facilities for supplying this lighting service shall be installed and owned by Company.

Company shall select style and make of lighting facilities provided within each type system for which rates are listed. Lighting will not be installed on poles or structures not owned or leased by Company.

Company will replace burned-out lamps and will maintain all poles, wires, fixtures, etc., with no additional charge to the customer. The glassware is to be cleaned when the lamp is replaced.

The lights will burn every night from dusk until daylight.

The lamp lumen ratings stated in these rate schedules are nominal ratings and may change from time to time depending on the lamp availability from lamp suppliers.

These rates anticipate lighting facilities remaining in service on the average, the full depreciation period of the facilities, and with only minor normal repair.

These rates are for either series or multiple units and for overhead wiring unless otherwise specified herein. It will be at Company's option whether power is supplied to the lighting units with multiple or with series circuits.

These rates contemplate Company having the option of type and frequency of patrol as well as lamp replacement or repair, except that the lamps may not be permitted to be left off for unreasonable periods when Company is aware such lights are not burning, unless the customer approves such outage. No refunds shall be made when lights have been out reasonable periods because reasonable lengths of outages are anticipated from time to time in the schedule.

These rates do not include any franchise or occupational tax.

The "Tax and License Rider," "Renewable Energy Standard Rate Adjustment Mechanism Rider," and "Fuel Adjustment Clause" are applicable to all charges under these schedules.

MUNICIPAL STREET LIGHTING ONLY (FROZEN)

Replacement, with different size or type, of lighting units installed after the effective date hereof shall be limited to no such replacements the first three (3) years and to ten percent (10%) of any one (1) size or type of existing units in any one (1) year thereafter for each city or community unless approved by Company.

The charges to cities for street lighting with underground wiring anticipate average length of underground wiring per street lighting unit of not more than two hundred fifty (250) feet and individual installations of not more than four hundred (400) feet. Installations requiring greater than two hundred fifty (250) feet per unit average and individual installations greater than four hundred (400) feet will be served under special contract.

Standard street lighting rates without adders for additional mounting heights anticipate maximum mounting heights of thirty-one (31) feet.

The Special Rules and Regulations above are not applicable to new Municipal Lighting Service provided after May 19, 2017. Please see the effective Municipal Lighting Sheets for current terms.

KCP&L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 8th Revised Sheet No. 95
Canceling P.S.C. MO. No. 1 7th Revised Sheet No. 95
For Territory Served as MPS

**NON-STANDARD STREET AND AREA LIGHT FACILITIES (FROZEN)
ELECTRIC**

COMPANY OWNED FACILITIES ⁽¹⁾

AVAILABILITY ⁽¹⁾

This schedule is available to all customers, otherwise qualified to receive service under the Municipal Street Lighting Service or the Private Area Lighting Service that desire to have non-standard lighting facilities installed and maintained by Company.

This schedule is not available to new customers after May 19, 2017.

RATE ⁽¹⁾

Company will purchase, install, own and maintain non-standard, decorative or ornamental street or private area lights where customer agrees to a monthly charge (rate adder) in addition to the monthly charge for an equivalent standard light. An equivalent standard light is a light contained on the Municipal Street Lighting Service or the Private Area Lighting Service Schedules that is the same size (in lumens and watts) and same type (high pressure sodium vapor, metal halide, etc.) as the non-standard light. The rate adder shall be calculated as one and one-half percent (1.5%) of the difference between the installed cost of the non-standard light and the installed cost of the equivalent standard light. The monthly charge shall be the sum of the rate adder and the monthly charge for the equivalent standard light.

The "Tax and License Rider," "Renewable Energy Standard Rate Adjustment Mechanism Rider," and "Fuel Adjustment Clause" are applicable to all charges under these schedules.

⁽¹⁾ Limited to the units in service on June 4, 2011.

CUSTOMER OWNED FACILITIES, MON84 Residential & MON85 Non-Residential

AVAILABILITY

This schedule is available to all customers, otherwise qualified to receive service under the Municipal Street Lighting Service or the Private Area Lighting Service, that desire to purchase, own, install and maintain non-standard lighting facilities for which Company provides unmetered energy service.

This schedule is not available to new customers after May 19, 2017.

RATE

Where the customer agrees to purchase, install, own and maintain street or area lights, Company will provide unmetered energy only service to those lights. The rate for unmetered energy only service shall be \$0.0583 per kWh per month. The energy consumption in kWh for billing purposes shall be assumed to be the same as the energy consumption of an equivalent standard light as defined above.

The "Tax and License Rider," "Renewable Energy Standard Rate Adjustment Mechanism Rider," and "Fuel Adjustment Clause" are applicable to all charges under these schedules.

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P.S.C. MO. No. 1 Original Sheet No. 151
Canceling P.S.C. MO. No. _____ Sheet No. _____
For Missouri Retail Service Area

**MUNICIPAL OFF-PEAK LIGHTING SERVICE
ELECTRIC**

AVAILABILITY

For metered, secondary voltage, electric outdoor lighting service solely to a municipality or governmental entities for purposes of enhancing security and/or illuminating streets, parks, athletic fields, parking lots, or other outdoor facilities. At the Company's discretion, the metering requirement may be eliminated where it is impractical or difficult to install and read meters. Usage for unmetered lights will be estimated using wattage ratings and hours usage. The lamps served under this schedule must be controlled with a photo-electric cell or other positive controlled device which restricts service to non-daylight hours. Governmental entities qualifying for service under this schedule include departments, agencies, and subdivisions of the United States, the State of Missouri, and counties.

Service to privately-owned lights or Company-owned street lights shall not be supplied under this schedule. Standby, back-up, supplementary, temporary, or seasonal service shall not be supplied under this schedule.

TERM OF CONTRACT

Contracts under this schedule shall be for a period of not less than one year from the effective date thereof.

RATE, MOOLL

1.0 The Customer will pay a monthly charge for all lighting service as follows:

1.1	Customer Charge	\$10.43
1.2	Energy Charge (All usage)	\$0.05830 per kWh

2.0 The monthly kWh usage for unmetered service will be calculated as follows:

2.1 $kWh \text{ Usage} = \text{Total Watts} \times MBH^1 \times BLF^2 \div 1000$

1) MBH = Monthly Burning Hours (4100 hours divided by 12).

2) BLF = Ballast Loss Factor, which is one (1) plus the manufacturer's published ballast loss percentage (expressed as a decimal fraction) for the installed unit if applicable.

3.0 For unmetered service, the Company shall have the right to verify or audit the type, wattage, and number of lights installed.

ADJUSTMENTS AND SURCHARGES

The rates hereunder are subject to adjustment as provided in the following schedules:

- Fuel Adjustment Clause (FAC)
- Renewable Energy Standard Rate Adjustment Mechanism Rider (RESRAM)
- Tax and License Rider.

REGULATIONS

Subject to Rules and Regulations filed with the State Regulatory Commission.