

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Ninth Revised Sheet No. 35
 Canceling P.S.C. MO. No. 7 Eighth Revised Sheet No. 35

For Missouri Retail Service Area

MUNICIPAL STREET LIGHTING SERVICE
 Schedule ML

AVAILABILITY

Available for street lighting service through a Company-owned Street Lighting System within corporate limits of a municipality.

TERM OF CONTRACT

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

RATE (Light Emitting Diode (LED)), 1MLLL

1.0 Basic Installation:

Street luminaires on new wood poles serviced from overhead circuits by a new extension not in excess of 200 feet per unit: (Code OW)

	<u>Size and Type of Luminaire-</u>	<u>Monthly kWh</u>	<u>Rate per Luminaire per Month^{(2) (3)}</u>
1.1	5000 Lumen LED (Class A)(Type V pattern) ⁽¹⁾	16	\$20.00
1.2	5000 Lumen LED (Class B)(Type II pattern) ⁽¹⁾	16	\$20.00
2.3	7500 Lumen LED (Class C)(Type III pattern) ⁽¹⁾	23	\$22.50
2.4	12500 Lumen LED (Class D)(Type III pattern) ⁽¹⁾	36	\$24.00
2.5	24500 Lumen LED (Class E)(Type III pattern) ⁽¹⁾	74	\$26.00

2.0 Street luminaires on short bracket arm and existing wood poles served from existing overhead circuits: (Code EW)

	<u>Size and Type of Luminaire-</u>	<u>Monthly kWh</u>	<u>Rate per Luminaire per Month</u>
2.1	5000 Lumen LED (Class B)(Type II pattern) ⁽¹⁾	16	\$11.00
2.3	7500 Lumen LED (Class C)(Type III pattern) ⁽¹⁾	23	\$13.50
2.4	12500 Lumen LED (Class D)(Type III pattern) ⁽¹⁾	36	\$15.00
2.5	24500 Lumen LED (Class E)(Type III pattern) ⁽¹⁾	74	\$17.00

⁽¹⁾Lumens for LED luminaires may vary ±12% due to differences between lamp suppliers.

⁽²⁾Twin luminaires shall be two times the rate per single luminaire per month.

⁽³⁾Existing LED luminaires installed under the MARC Pilot (Schedule ML-LED) will be converted to these rates based on their installed lumen size.

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RATE (High Pressure Sodium Vapor) 1MLSL (FROZEN)

7.0 Basic Installation:

Street lamps equipped with hood, open bottom reflector, and short bracket arm on existing wood poles served from existing overhead circuits: (Code EW)
 Not available for new service after July 1, 2016.

	<u>Size of Lamp</u>	<u>Monthly kWh</u>	<u>Rate per Lamp per Month</u>
1.1	9500 Lumen High Pressure Sodium	49	\$12.68
1.2	16000 Lumen High Pressure Sodium	67	\$21.00

RATE (Mercury Vapor and High Pressure Sodium Vapor) , 1MLML, 1MLSL (FROZEN)

8.0 Basic Installation:

Street lamps equipped with hood, reflector, and refractor, on wood poles serviced from overhead circuits by an extension not in excess of 200 feet per unit: (Code OW)
 Not available for new service after July 1, 2016.

	<u>Size and Type of Lamp</u>	<u>Monthly kWh</u>	<u>Rate per Lamp per Month</u> ⁽²⁾
8.1	8600 Lumen Mercury Vapor ⁽¹⁾	71	\$22.05
8.2	12100 Lumen Mercury Vapor ⁽¹⁾	101	\$24.73
8.3	22500 Lumen Mercury Vapor ⁽¹⁾	157	\$26.96
8.4	9500 Lumen High Pressure Sodium	49	\$21.52
8.5	16000 Lumen High Pressure Sodium	67	\$23.98
8.6	27500 Lumen High Pressure Sodium	109	\$25.49
8.7	50000 Lumen High Pressure Sodium	162	\$27.80

⁽¹⁾Limited to the units in service on April 18, 1992, until removed.

⁽²⁾Twin lamps shall be two times the rate per single lamp per month. kWh usage for twin lamps is two times the single monthly kWh.

RATE (Optional Equipment) , 1MLML, 1MLSL, 1MLLL

9.0 Optional Equipment: The following rates for Optional Equipment shall be added to the rate for Basic Installation listed in 1.0 and 8.0 above.

9.1 Steel pole instead of wood pole, additional charge per unit per month \$1.50 (New installations are available with underground service only).

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RATE (Optional Equipment) , 1MLML, 1MLSL, 1MLLL (continued)

9.0 Optional Equipment: (continued)

- 9.2 Aluminum pole instead of wood pole, additional charge per unit per month \$3.76. (Available with underground service only). Forty foot aluminum poles may, at the option of the Company, be used with the 24500 Lumen LED luminaires.
- 9.3 Underground Service extension, under sod, not in excess of 200 feet. Additional charge per unit per month \$6.33.
- 9.4 Underground Service extension under concrete, not in excess of 200 feet. Additional charge per unit per month \$24.18.
- 9.5 Breakaway Base Additional charge per unit per month \$3.46. (Available with underground service only).

RATE (Customer-owned) (High Pressure Sodium Vapor), 1MLCL

10.0 Street lamps equipped with a hood, reflector, and refractor; owned, operated and maintained by the Customer. Company provides annual energy and underground service facilities to base of each Customer-owned pole at the following rates: ⁽¹⁾

	Monthly <u>kWh</u>	Rate per Lamp <u>per Month</u>
(1) Code CX [single]	67	\$5.28
(2) Code TCX [twin]	134	\$10.56

Annual energy charge shall be determined by the product of: (i) total kilowatts of power required for the operation, (ii) 4100 hours per year, and (iii) \$0.079.

Annual service facilities charge shall be equal to 21.00% of the total installed cost of the Company street lighting service facilities as determined at the time of any installation, extension, addition or betterment of the Company's service facilities.

10.1 Specially designed street lamps equipped with three ornamental 150 watt High Pressure Sodium Vapor Luminaries and ornamental base and pole, referred to as San Francisco street lights, installed, owned, operated and maintained by the Customer. Company may, at its discretion, install such facilities provided the Customer agrees to pay the total cost of installation incurred by the Company. ⁽²⁾ Lamps shall be controlled with a photo-electric cell or other positive controlled device which restricts service to non-daylight hours. Company provides annual energy and underground service facilities to base of each Customer-owned pole at the following rate:

- (1) Code CXP

Annual energy charge shall be determined by the product of (i) total kilowatts of power required for the operation, (ii) 4100 hours per year, and (iii) \$0.079.

⁽¹⁾ Limited to the units in service on May 5, 1986, until removed.
⁽²⁾ Limited to the units in service on May 18, 2011, until removed.

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REPLACEMENT OF UNITS

Existing street lamps shall be replaced at the same pole location with a different type of standard unit installation only by mutual agreement of the Company and the Municipality. The Company has the right to replace existing mercury vapor or high pressure sodium street lamps in need of repair or replacement (or on poles in need of repair or replacement) with equivalent Light Emitting Diode (LED) street luminaires.

STANDARD UNITS

Standard street lamps are those LED units for which a rate is stated except those with an X designation in the type code.

BURNING HOURS

Unless otherwise stated, lamps are to burn each and every day of the year from about one-half hour after sunset to about one-half hour before sunrise, approximately 4100 hours per year.

FUEL ADJUSTMENT

Fuel Adjustment Clause, Schedule FAC, shall be applicable to all customer billings under this schedule.

TAX ADJUSTMENT

Tax Adjustment Schedule TA shall be applicable to all Customer billings under this schedule.

REGULATIONS

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

KANSAS CITY POWER AND LIGHT COMPANY

P.S.C. MO. No. 7 Fifth Revised Sheet No. 35D
Canceling **P.S.C. MO. No.** 7 Fourth Revised Sheet No. 35D
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RESERVED FOR FUTURE USE

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MUNICIPAL STREET LIGHTING SERVICE Schedule ML

AVAILABILITY

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TERM OF CONTRACT

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RATE, 3MLSL (High Pressure Sodium Vapor) (FROZEN)

1.0 Street lamps equipped with hood, open bottom reflector, and short bracket arm on existing wood poles served from existing overhead circuits: (Code EW) Not available for new service after July 1, 2016.

	<u>Size of Lamp</u>		Monthly <u>kWh</u>	Rate per <u>Lamp per Month</u>
1.1	9500 Lumen High Pressure Sodium		49	\$12.68
1.2	16000 Lumen High Pressure Sodium		67	\$21.00

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RATE, 3MLML, 3MLSL (Mercury Vapor and High Pressure Sodium Vapor) (FROZEN): (continued)

4.0 Basic Installation

Street lamps equipped with hood, reflector, and refractor, on wood poles served from overhead circuits by an extension not in excess of 200 feet per unit: (Code OW) Not available for new service after July 1, 2016.

	<u>Size and Type of Lamp</u>	<u>Monthly kWh</u>	<u>Rate per Lamp per Month*</u>
4.1	8600 Lumen Mercury Vapor ⁽¹⁾	71	\$22.05
4.4	9500 Lumen High Pressure Sodium	49	\$21.52
4.5	16000 Lumen High Pressure Sodium	67	\$23.98
4.6	27500 Lumen High Pressure Sodium	109	\$25.49
4.7	50000 Lumen High Pressure Sodium	162	\$27.80

* Twin lamps shall be two times the rate per single lamp per month. kWh usage for twin lamps is two times the single monthly kWh.

⁽¹⁾ Limited to units in service on April 18, 1992, until removed.

RATE (Optional Equipment) (FROZEN)

5.0 Optional Equipment: The following rates for Optional Equipment shall be added to the Basic Installation rates listed in 4.0 above for Mercury Vapor and High Pressure Sodium Vapor installations only. (Not available for new service after July 1, 2016)

- 5.1 Steel pole instead of wood pole, additional charge per unit per month \$1.50.
- 5.2 Aluminum pole instead of wood pole, additional charge per unit per month \$3.76. (Available with underground service only). Forty foot aluminum poles may, at the option of the Company, be used with the 50,000 Lumen High Pressure Sodium Vapor units.
- 5.3 Underground Service extension, under sod, not in excess of 200 feet. Additional charge per unit per month \$6.33.
- 5.4 Underground Service extension under concrete, not in excess of 200 feet. Additional charge per unit per month \$24.18.
- 5.5 Breakaway Base Additional charge per unit per month \$3.46. (Available with underground service only).

KANSAS CITY POWER AND LIGHT COMPANY

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RATE, 3MLCL (Customer-owned) (FROZEN)

6.0 Street lamps equipped with hood, reflector, and refractor, owned and installed by Customer, maintained by and controlled by the Company, served overhead or underground: (Code LMX) Not available for new service after July 1, 2016.

	<u>Size of Lamp</u>		<u>Monthly kWh</u>	<u>Rate per Lamp per Month</u>
6.2	8600	Lumen - Limited Maintenance	71	\$10.72
6.3	22500	Lumen - Limited Maintenance	157	\$23.32
6.4	9500	Lumen - Limited Maintenance	49	\$10.72
6.5	27500	Lumen - Limited Maintenance	109	\$23.32

REPLACEMENT OF UNITS

Existing street lamps shall be replaced at the same pole location with a different type of standard unit installation only by mutual agreement of the Company and the Municipality. The Company has the right to replace existing mercury vapor or high pressure sodium street lamps in need of repair or replacement (or on poles in need of repair or replacement) with equivalent Light Emitting Diode (LED) street luminaires.

STANDARD UNITS

Standard street lamps are those LED units for which a rate is stated except those with an X designation in the type code.

BURNING HOURS

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