

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6

2nd Revised

SHEET NO. 58

CANCELLING MO.P.S.C. SCHEDULE NO. 6

1st Revised

SHEET NO. 58

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED

RATE PER UNIT PER MONTH LAMP AND FIXTURE

* The Light Emitting Diode (LED) offerings under sections A. and B. below will be made available to customers beginning on or about April 1, 2016.

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FEB 3 2017

**Missouri Public
Service Commission**

A. LED Standard horizontal enclosed luminaire on existing wood pole:

| <u>Watts</u> | <u>Rate</u> |
|--------------|-------------|
| 40-50 | \$11.35 |
| 90-110 | \$16.07 |
| 180-220 | \$29.73 |

B. LED Standard side mounted, open bottom luminaire on existing wood pole:

| <u>Watts</u> | <u>Rate</u> |
|--------------|-------------|
| 40-50 | \$9.92 |

* The High Pressure Sodium and Mercury Vapor offerings under sections C. and D. below will only be available for new installations through on or about March 31, 2016. After such time, Company will replace these existing fixtures, upon failure, with an LED fixture under sections A. and B.

C. Standard horizontal burning, enclosed luminaire on existing wood pole:

| <u>High Pressure Sodium</u> | | <u>Mercury Vapor</u> | |
|-----------------------------|-------------|----------------------|-------------|
| <u>Lumens</u> | <u>Rate</u> | <u>Lumens</u> | <u>Rate</u> |
| 9,500 | \$12.41 | 6,800 | \$12.41 |
| 25,500 | \$17.93 | 20,000 | \$17.93 |
| 50,000 | \$31.97 | 54,000 | \$31.97 |

D. Standard side mounted, hood with open bottom glassware on existing wood pole:

| <u>High Pressure Sodium</u> | | <u>Mercury Vapor</u> | |
|-----------------------------|-------------|----------------------|-------------|
| <u>Lumens</u> | <u>Rate</u> | <u>Lumens</u> | <u>Rate</u> |
| 5,800 | \$10.05 | 3,300 | \$10.05 |
| 9,500 | \$10.98 | 6,800 | \$10.98 |

E. Standard post-top luminaire including standard 17-foot post:

| <u>High Pressure Sodium</u> | | <u>Mercury Vapor (1)</u> | |
|-----------------------------|-------------|--------------------------|-------------|
| <u>Lumens</u> | <u>Rate</u> | <u>Lumens</u> | <u>Rate</u> |
| 9,500 | \$22.99 | 3,300 | \$21.73 |
| | | 6,800 | \$22.99 |

*Indicates Addition

FILED
Missouri Public
Service Commission
ET-2016-0152; YE-2016-0159

VF Exhibit No 6
Date 1-31-17 Reporter KF
File No. ET-2016-0246

DATE OF ISSUE December 17, 2015 DATE EFFECTIVE January 16, 2016
 ISSUED BY Michael Moehn President St. Louis, Missouri
 NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 58.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 58.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

F. * Pole-mounted, direction flood luminaire; limited to installations accessible to Company basket truck:

| <u>High Pressure Sodium</u> | | <u>Metal Halide</u> | | <u>Mercury Vapor (1)</u> | |
|-----------------------------|-------------|---------------------|-------------|--------------------------|-------------|
| <u>Lumens</u> | <u>Rate</u> | <u>Lumens</u> | <u>Rate</u> | <u>Lumens</u> | <u>Rate</u> |
| 25,500 | \$22.76 | 34,000 | \$22.76 | 20,000 | \$22.76 |
| 50,000 | \$36.00 | 100,000 | \$71.96 | 54,000 | \$36.00 |

(1) Mercury Vapor lamps and fixtures are limited to customers served under contracts initiated prior to September 27, 1988. Company will continue to maintain these lamps and fixtures so long as parts are economically available.

G. All poles and cable, where required to provide lighting service:

The installation of all standard poles and cables shall be paid for in advance by customer, with all subsequent replacements of said facilities provided by Company.

H. * Former Subsidiary Company lighting units provided under contracts initiated prior to April 9, 1986, which facilities will only be maintained by Company so long as parts are available in Company's present stock:

| <u>Lamp and Fixture</u> | <u>*Per Unit Monthly Rate</u> |
|---|-------------------------------|
| 11,000 Lumens, Mercury Vapor, Open Bottom | \$10.98 |
| 140,000 Lumens, H.P. Sodium, Directional | \$71.96 |

* Term of Contract Minimum term of three (3) years where only standard facilities are installed; ten (10) years where post-top luminaires are installed.

* Discount for Franchised Municipal Customers A 10% discount will be applied to bills rendered for lighting facilities served under the above rates and currently contracted for by municipalities with whom the Company has an ordinance granted electric franchise as of September 27, 1988. The above discount shall only apply for the duration of said franchise. Thereafter, the above discount shall apply only when the following two conditions are met: 1) any initial or subsequent ordinance granted electric franchise must be for a minimum term of twenty (20) years and 2) Company must have a contract for all lighting facilities for municipal lighting service provided by Company in effect.

*Indicates Reissue

FILED
Missouri Public
Service Commission
ET-2016-0152; YE-2016-0159

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6

2nd Revised

SHEET NO. 58.2

CANCELLING MO.P.S.C. SCHEDULE NO. 6

1st Revised

SHEET NO. 58.2

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

Tax Adjustment Any license, franchise, gross receipts, occupation or similar charge or tax levied by any taxing authority on the amounts billed hereunder will be so designated and added as a separate item to bills rendered to customers under the jurisdiction of the taxing authority.

* Fuel and Purchased Power Adjustment (Rider FAC) The kilowatt-hours for lighting service provided under the terms of this Service Classification shall be subject to the provisions of Company's Fuel and Purchased Power Adjustment Clause (Rider FAC). The kilowatt-hour consumption of each lamp, whose operating hours are determined by a photoelectric control, shall be determined from the manufacturer's rated wattage multiplied by the number of hours of operation for the month, in accordance with the following schedules:

| <u>** LED (Watts)</u> | <u>** LED (Billed Watts)</u> | <u>* Billing Month</u> | <u>* Burning Hours</u> |
|-----------------------------|------------------------------|------------------------|------------------------|
| 40-50 | 45 | January | 408 |
| 90-110 | 105 | February | 347 |
| 180-220 | 210 | March | 346 |
| | | April | 301 |
| | | May | 279 |
| | | June | 255 |
| | | July | 272 |
| | | August | 298 |
| | | September | 322 |
| | | October | 368 |
| | | November | 387 |
| | | December | 417 |
| | | | |
| <u>* Lamp Size (Lumens)</u> | <u>* Rating (Watts)</u> | | |
| <u>H. P. Sodium</u> | | | |
| 5,800 | 70 | | |
| 9,500 | 120 | | |
| 16,000 | 202 | | |
| 25,500 | 307 | | |
| 50,000 | 482 | | |
| 140,000 | 1000 | | |
| | | | |
| <u>Mercury Vapor</u> | | | |
| 3,300 | 127 | | |
| 6,800 | 207 | | |
| 11,000 | 294 | | |
| 20,000 | 455 | | |
| 42,000 | 700 | | |
| 54,000 | 1080 | | |
| | | | |
| <u>Metal Halide</u> | | | |
| 34,000 | 450 | | |
| 100,000 | 1100 | | |

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**Indicated Addition

FILED
Missouri Public
Service Commission
ET-2016-0152; YE-2016-0159

DATE OF ISSUE December 17, 2015

DATE EFFECTIVE January 16, 2016

ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6

1st Revised

SHEET NO. 58.3

CANCELLING MO.P.S.C. SCHEDULE NO. 6

Original

SHEET NO. 58.3

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

* 1. RATE APPLICATION

Available for lighting streets, alleys, walkways and other thoroughfares, or for outdoor lighting of public or private areas for security or similar purposes when such lighting facilities are operated and maintained as an extension of Company's distribution system.

* 2. CHARACTER OF SERVICE SUPPLIED

Company shall inventory, furnish, install, maintain and deliver electric service to automatically-controlled lighting fixtures currently offered as standard facilities by Company. Customer shall select the type and size of lamps and fixtures from the standard equipment inventoried and offered by the Company and shall specify the location of said fixtures. Other than service to Company's post-top fixtures, the service provided hereunder shall be supplied by lines or cables through fixtures supported by standard upsweep brackets attached to existing poles; however, certain non-standard facilities may be installed hereunder in accordance with the terms and conditions stated in the following paragraph 3.

* 3. NON-STANDARD FACILITIES

Whenever customer requires Company to install non-standard facilities hereunder (such as longer upsweep brackets, switches, protective barriers, etc.) and there is no engineering, construction, safety, legal or practical reason which would, in Company's judgment, make such non-standard installation inadvisable, Company will make such installation provided customer pays in advance to Company all costs in connection therewith. Subsequent replacements of said facilities will be provided by the Company.

4. CONVERSION OR MODIFICATION OF LAMPS

** Where customer requests a conversion or modification of the size or type of lamp currently installed, and Company would not otherwise be converting such lights at that time, Company will make the requested changes, within the parameters described below, provided that customer pays in advance to the Company \$100.00 per lamp for both the removal cost and loss of the remaining life of such lamps and, additionally, signs a new contract at the time when 20 percent or more of the customer's total lamps then installed are so converted or modified. Billing for the revised lamps will be prorated based on the removal and installation dates.

*Indicates Reissue

**Indicates Change

FILED
Missouri Public
Service Commission
ET-2016-0152; YE-2016-0159

DATE OF ISSUE December 17, 2015

DATE EFFECTIVE January 16, 2016

ISSUED BY Michael Moehn
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President
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St. Louis, Missouri
ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 58.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 58.4

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

4. CONVERSION OR MODIFICATION OF LAMPS (Cont'd.)

* Company will convert to LED up to 1,000 lights per year requested by customers. Customer requests for LED lights will not be accepted prior to April 1, 2016 and will be limited to twenty-five (25) lights per customer account per calendar year. Customer requests must be in writing and, at a minimum, identify the specific physical location and billing account number and service date requested of each light. In the event Company determines it cannot accommodate all requests for conversions in the timeframes requested, prioritization of the requests will be at Company's discretion.

5. CHANGE OR RELOCATION

Upon receipt of written request and authorization from customer, Company will, insofar as it may be practical and permissible, make any other change in or relocation of its facilities used in rendering service hereunder, provided customer pays in advance Company's estimated costs in connection therewith.

** 6. ADDITIONAL INSTALLATIONS

Customer may obtain the installation of additional lamps and the supply of service thereto under the existing contract for the remainder of the term thereof upon written application to the Company, provided, however, that if at any time during the term of the contract customer requires such additional lamps so as to cause the total number of lamps in service to exceed by 20% the lamps originally contracted for and then installed, the parties shall execute a new contract.

** 7. TERMINATION

If customer requests in writing the termination of all or a portion of any lighting service, not paid for in advance, within three years of the installation of the lamps being terminated, or within ten years of the installation of post top luminaires, wood poles or cable being terminated, customer shall pay in advance to Company \$100.00 per lamp for both the removal costs associated therewith and the loss of the remaining life value of such facilities. If said request for termination of lighting service is made after the above three and ten year in-service periods, as applicable, and customer requests a new lighting installation within twelve months after the removal of the prior terminated lighting facilities, customer shall pay the amount specified earlier in this paragraph for all facilities previously removed prior to Company making any new lighting installation.

*Indicates Addition

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FILED Missouri Public Service Commission ET-2016-0152; YE-2016-0159

DATE OF ISSUE December 17, 2015 DATE EFFECTIVE January 16, 2016
ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 58.5

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 58.5

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)

8. GENERAL PROVISIONS

Customer shall furnish to Company without cost to Company and on forms suitable to it, or customer shall reimburse Company for all costs incurred in obtaining all rights, permits and easements necessary to permit the installation and maintenance of Company's facilities on, over, under and across both public and private property where and as needed by Company in providing service hereunder. In addition, customer shall pay all costs incurred by Company in extending its distribution system, including transformers, to provide energy to said lighting facilities supplied hereunder, in accordance with the provisions of Section III.Q - Special Facilities.

9. GENERAL RULES AND REGULATIONS

In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to service supplied under this Service Classification.

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Service Commission
ET-2016-0152; YE-2016-0159

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|---------------|--------------------------|------------------|----------------------------|
| DATE OF ISSUE | <u>December 17, 2015</u> | DATE EFFECTIVE | <u>January 16, 2016</u> |
| ISSUED BY | <u>Michael Moehn</u> | <u>President</u> | <u>St. Louis, Missouri</u> |
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