

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

4th Revised SHEET NO. 54.1

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

3rd Revised SHEET NO. 54.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M)
RESIDENTIAL SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

Fuel and Purchased Power Adjustment (Rider FAC) Applicable to all metered kilowatt-hours (kWh) of energy.

Energy Efficiency Investment Charge (Rider EEIC) Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions or the low-income exemption provisions of Section 393.1075, RSMo.

*Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) Applicable to all metered kilowatt-hours (kWh) of energy.

Payments Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

Term of Use Initial period one (1) year, terminable thereafter on three (3) days' notice.

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.

* Indicates Addition.

DATE OF ISSUE	<u>May 21, 2018</u>	DATE EFFECTIVE	<u>January 1, 2019</u>
ISSUED BY	<u>Michael Moehn</u>	TITLE	<u>President</u>
	NAME OF OFFICER		ADDRESS
			<u>St. Louis, Missouri</u>

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 55.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 55.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 2 (M)
SMALL GENERAL SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

Fuel and Purchased Power Adjustment (Rider FAC) Applicable to all metered kilowatt-hours (kWh) of energy.

Energy Efficiency Investment Charge (Rider EEIC) Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

*Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) Applicable to all metered kilowatt-hours (kWh) of Energy.

Payments Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

Term of Use One (1) year, terminable thereafter on three (3) days' notice.

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.

* Indicates Addition.

DATE OF ISSUE May 21, 2018 DATE EFFECTIVE January 1, 2019

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 3rd Revised SHEET NO. 56.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 56.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 3(M)
LARGE GENERAL SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

Fuel and Purchased Power Adjustment (Rider FAC) Applicable to all metered kilowatt-hours (kWh) of energy.

Energy Efficiency Investment Charge (Rider EEIC) Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

*Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) Applicable to all metered kilowatt-hours (kWh) of energy.

Payments Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

Term of Use One (1) year, terminable thereafter on three (3) days' notice.

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.

* Indicates Addition.

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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 3rd Revised SHEET NO. 57.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 57.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 4 (M)
SMALL PRIMARY SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

Fuel and Purchased Power Adjustment (Rider FAC) Applicable to all metered kilowatt-hours (kWh) of energy.

Energy Efficiency Investment Charge (Rider EEIC) Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

*Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) Applicable to all metered kilowatt-hours (kWh) of energy.

Payments Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

Term of Use One (1) year, terminable thereafter on three (3) days' notice.

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.

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ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 58.3

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 58.3

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

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

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).

*Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) The kilowatt-hours for lighting service provided under the terms of this Service Classification shall be subject to the provisions of Company's Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM).

** 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>Rating (Watts)</u>	<u>Billing Month</u>	<u>Burning Hours</u>
LED Fixtures:			
Bracket Mount - 100W Equivalent	48	January	408
Bracket Mount - 250W Equivalent	88	February	347
Bracket Mount - 400W Equivalent	195	March	346
Directional Flood - Small	89	April	301
Directional Flood - Medium	150	May	279
Directional Flood - Large	297	June	255
Post-Top - All Styles	51	July	272
		August	298
		September	322
		October	368
		November	387
		December	417
	<u>Rating (Lumens)</u>		
	<u>Rating (Watts)</u>		
High Pressure Sodium Fixtures:			
	5,800		70
	9,500		120
	16,000		202
	25,500		307
	50,000		482
	140,000		1000
Mercury Vapor Fixtures:			
	3,300		127
	6,800		207
	11,000		294
	20,000		455
	42,000		700
	54,000		1080
Metal Halide Fixtures:			
	34,000		450
	100,000		1100

*Indicates Addition. **Indicates Reissue.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 59
 CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 59

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 6 (M)
STREET AND OUTDOOR AREA LIGHTING - CUSTOMER-OWNED

MONTHLY RATE FOR METERED SERVICE

Customer Charge Per Meter \$6.97 per month
 Energy Charge 4.72¢ per kWh

RATE PER UNIT PER MONTH FOR UNMETERED SERVICE

	<u>Energy & Maintenance (1)</u>	<u>Energy Only (2)</u>
<u>H.P. Sodium</u>		
9,500 Lumens, Standard	\$3.80	\$ 1.84
25,500 Lumens, Standard	\$6.61	\$ 4.70
50,000 Lumens, Standard	\$9.54	\$ 7.39
<u>Metal Halide</u>		
5,500 Lumens, Standard	\$5.49	N/A
12,900 Lumens, Standard	\$6.57	N/A
<u>Mercury Vapor</u>		
	<u>(3)</u>	
3,300 Lumens, Standard	\$3.80	\$ 1.95
6,800 Lumens, Standard	\$4.94	\$ 3.17
11,000 Lumens, Standard	\$ 6.69	\$ 4.51
20,000 Lumens, Standard	\$ 8.87	\$ 6.96
54,000 Lumens, Standard	\$18.93	\$16.57
<u>Light Emitting Diodes (LED)</u>		
Energy Charge - per rated wattage per month		1.59¢

- (1) Company will furnish electric energy, furnish and replace lamps, and adjust and replace control mechanisms, as required. In conjunction with the Company's conversion of its Company-Owned lights to LED, Company anticipates eliminating 6(M) Energy & Maintenance service in the future but not prior to 6/1/2022. Customers remaining on Energy & Maintenance at that time will be transitioned to Energy Only service.
 - (2) Limited to lamps served under contracts initiated prior to September 27, 1988.
 - (3) Maintenance of lamps and fixtures limited to customers served under contracts prior to November 15, 1991.
- N/A Not Available.

Term of Contract One (1) year, terminable thereafter on three (3) days' notice.

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.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 59.1
 CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 59.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 6 (M)
STREET AND OUTDOOR AREA LIGHTING - CUSTOMER-OWNED (Cont'd.)

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).

- * Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) The kilowatt-hours for lighting service provided under the terms of this Service Classification shall be subject to the provisions of Company's Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM).
- ** 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>Lamp Size</u> <u>(Lumens)</u>	<u>Rating</u> <u>(Watts)</u>	<u>Billing</u> <u>Month</u>	<u>Burning</u> <u>Hours</u>
<u>H. P. Sodium</u>			
9,500	120	January	408
25,500	307	February	347
50,000	482	March	346
		April	301
		May	279
		June	255
<u>Mercury Vapor</u>			
3,300	127	July	272
6,800	207	August	298
11,000	294	September	322
20,000	455	October	368
54,000	1080	November	387
		December	417
<u>Metal Halide</u>			
5,500	122		
12,900	206		

Light Emitting Diodes (LED)
 Based on the rated wattage of individual customer lights.

Payments Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

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.

*Indicates Addition. **Indicates Reissue.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 61.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 61.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 11(M)
LARGE PRIMARY SERVICE RATE (Cont'd.)

RATE BASED ON MONTHLY METER READINGS (Cont'd.)

Fuel and Purchased Power Adjustment (Rider FAC) Applicable to all metered kilowatt-hours (kWh) of energy.

Energy Efficiency Investment Charge (Rider EEIC) Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

* Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) Applicable to all metered kilowatt-hours (kWh) of energy.

Payments Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.

Term of Use One (1) year, terminable thereafter on three (3) days' notice.

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.

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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 4th Revised SHEET NO. 62
 CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 62

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 12 (M)
LARGE TRANSMISSION SERVICE RATE

RATE BASED ON MONTHLY METER READINGS

Summer Rate (Applicable during four (4) monthly billing periods of June through September)

Customer Charge - per month	\$323.82
Low-Income Pilot Program Charge - per month	\$1,500.00
Demand Charge - per kW of Billing Demand	\$15.55
Energy Charge - per kWh	2.953¢
Reactive Charge - per kVar	38.000¢

Winter Rate (Applicable during eight (8) monthly billing periods of October through May)

Customer Charge - per month	\$323.82
Low-Income Pilot Program Charge - per month	\$1,500.00
Demand Charge - per kW of Billing Demand	\$5.94
Energy Charge - per kWh	2.600¢
Reactive Charge - per kVar	38.000¢

Optional Time-of-Day Adjustments

Additional Customer Charge - per month	\$ 21.08	
Energy Adjustment - per kWh	On-Peak Hours (1)	Off-Peak Hours (1)
Summer kWh (June-September Billing Periods)	+0.68¢	-0.38¢
Winter kWh (October-May Billing Periods)	+0.31¢	-0.17¢

(1) On-peak and off-peak hours applicable herein shall be as specified within this service classification.

Fuel and Purchased Power Adjustment (Rider FAC) Applicable to all metered kilowatt-hours (kWh) of energy plus energy line losses from use of a transmission system other than Company's, if any.

Energy Efficiency Investment Charge (Rider EEIC) Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions of Section 393.1075, RSMo.

* Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM) Applicable to all metered kilowatt-hours (kWh) of energy.

Energy Line Loss Rate Compensation for customer's energy line losses from use of the transmission system(s) outside Company's control area shall be in the form of energy solely supplied by Company to the transmission owner(s) and compensated by payment at a monthly rate of \$0.0399 per kWh after appropriate Rider C adjustment of meter readings.

* Indicates Addition.

DATE OF ISSUE <u>May 21, 2018</u>	DATE EFFECTIVE <u>January 1, 2019</u>	
ISSUED BY <u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 63rd RevisedSHEET NO. 70CANCELLING MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 70APPLYING TO MISSOURI SERVICE AREA**TABLE OF CONTENTS****RIDERS**

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