

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1 (M)

RESIDENTIAL ANYTIME SERVICE

AVAILABILITY

This rate is applicable to all residential customers that are not receiving service either through an advanced meter or under an optional residential rate, and that are supplied by the Company to individually metered residences or apartments consisting of one or more rooms for the use of one or more persons as a housekeeping unit with space for eating, living and sleeping, and permanent provisions for cooking and sanitation. For such customers being served through an advanced meter, this rate is applicable until such time that the Evening/Morning Saver rate becomes applicable by its terms, or at any time as an optional rate at the customer's election.

Additional service which may be provided under the provisions of this rate include any metered combination of residential and general farm service, or separately metered service related or incidental thereto, and individually metered mobile homes or boat slips intended for normal use by a single family.

DESCRIPTION

This rate has two parts: a basic service charge and an energy charge. Energy charges are based on how much energy (kWh) is used during the month. This rate does not vary by time-of-use or demand (how much energy is used at one time).

*** RATES**

The monthly bill will consist of the following charges, plus adjustments:

Summer Rate (June through September) (1)

Customer Charge - per month	\$10.43
Low-Income Pilot Program Charge - per month	\$0.14
Energy Charge - per kWh	15.89¢

Winter Rate (October through May) (1)

Customer Charge - per month	\$10.43
Low-Income Pilot Program Charge - per month	\$0.14
Energy Charge - per kWh	
First 750 kWh	10.82¢
Over 750 kWh	7.25¢

(1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.

*Indicates Change.

DATE OF ISSUE June 28, 2024

DATE EFFECTIVE August 3, 2024

ISSUED BY Mark C. Birk
NAME OF OFFICER

Chairman & President
TITLE

St. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 54.3

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 54.3

APPLYING TO MISSOURI SERVICE AREA

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

***GRANDFATHERED OPTIONAL TOD (TIME-OF-DAY) RATE PILOT**

Service under the TOD pilot is no longer offered for new enrollees. Existing residential customers who are currently receiving service under the TOD pilot will continue to be eligible to receive TOD service until the installation of an advanced meter. Upon installation of an advanced meter, the customer's service will transfer to the Residential Smart Saver rate schedule with the next applicable billing period, unless the customer opts for an alternative residential rate option.

Customer Charge - per month	\$10.43
Low-Income Pilot Program Charge - per month	\$0.14
Energy Charge - per kWh (1) (2)	
Summer (June-September billing periods)	
All On Peak kWh	40.88¢
All Off Peak kWh	9.59¢
Winter (October-May billing periods)	
First 750 kWh	10.82¢
Over 750 kWh	7.25¢

(1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.

(2) On-peak and Off-peak hours applicable herein are:

- Peak hours - 2:00 P.M. to 7:00 P.M., Monday through Friday.
- Off-peak hours - 7:00 P.M. of Monday through Thursday to 2:00 P.M. of the following day, and from 7:00 P.M. Friday to 2:00 P.M. Monday.

The Grandfathered Optional TOD (Time-Of-Day) Rate Pilot is subject to the following provisions:

- a. Customer will be transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Any customer canceling this TOD option cannot thereafter resume billing under said option.
- c. Participation shall exclude customers with a net metering agreement.

*Indicates Change.

DATE OF ISSUE	<u>June 28, 2024</u>	DATE EFFECTIVE	<u>August 3, 2024</u>
ISSUED BY	<u>Mark C. Birk</u>	<u>Chairman & President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1 (M)

RESIDENTIAL EVENING/MORNING SAVER SERVICE

AVAILABILITY

This rate is available to all residential customers being served through an advanced meter and supplied by the Company to individually metered residences and apartments consisting of one or more rooms for the use of one or more persons as a housekeeping unit with space for eating, living and sleeping, and permanent provisions for cooking and sanitation.

New customers or new accounts with an advanced meter, or existing accounts that have had an advanced meter for six months, shall be placed directly on the Evening/Morning Saver rate at the beginning of their next bill cycle.

Customers with a net metering agreement will be placed on the Evening/Morning Saver rate if such customer is a new customer, a customer opening a new account, or six months after such customer is equipped with an AMI meter.

Customers are allowed to change plans up to three times a year. Customers may not change between optional TOU plans more than once in a billing cycle. However, customers may switch to the default Evening/Morning Saver plan and the Anytime plan without limitation or restriction.

DESCRIPTION

This rate has two parts: a basic service charge and an energy charge. The energy charge will vary by the time of day that the energy is used (On-Peak or Off-Peak). This rate does not include a demand charge.

* RATES

The monthly bill will consist of the following charges, plus adjustments:

Customer Charge - per month	\$10.43
Low-Income Pilot Program Charge - per month	\$0.14
Energy Charge - per kWh (1)	
Summer (June-September)	
All kWh	15.55¢
Energy Adjustment per On Peak kWh	+0.50¢
Winter (October-May)	
First 750 kWh	10.67¢
Over 750 kWh	7.16¢
Energy Adjustment per On Peak kWh	+0.25¢

(1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.

TIME PERIODS

On-peak and Off-peak hours applicable herein are:

Summer (June-September)

 Peak hours - 9:00 A.M. to 9:00 P.M., All days

Winter (October-May)

 Peak hours - 9:00 A.M. to 9:00 P.M., All days

*Indicates Change.

DATE OF ISSUE June 28, 2024

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ISSUED BY Mark C. Birk
NAME OF OFFICER

Chairman & President
TITLE

St. Louis, Missouri
ADDRESS

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1 (M)

RESIDENTIAL SMART SAVER SERVICE

AVAILABILITY

This optional rate is available at customer's election to all residential customers, except those having a net metering agreement or as described in 4.f. below, being served through an advanced meter and supplied by the Company to individually metered residences and apartments consisting of one or more rooms for the use of one or more persons as a housekeeping unit with space for eating, living and sleeping, and permanent provisions for cooking and sanitation.

Customers are allowed to change plans up to three times a year. Customers may not change between optional TOU plans more than once in a billing cycle. However, customers may switch to the default Evening/Morning Saver plan and the Anytime plan without limitation or restriction.

DESCRIPTION

This rate has two parts: a basic service charge and an energy charge. The energy charge will vary by the time of day that the energy is used (On-Peak, Intermediate, Off-Peak), and the season (Summer or Winter). This rate does not have a demand charge. This rate has two options: year round service (Option A) and a summer seasonal service (Option B). Under Option B, energy charges will be billed under the Residential Smart Saver for the Summer period. The energy charges for the Winter season will be billed under the Residential Anytime rate schedule.

*** RATES**

The monthly bill will consist of the following charges, plus adjustments:

Customer Charge - per month	
Summer (June-September; Option A & B)	\$10.43
Winter (October-May; Option A & B)	\$10.43
Low-Income Pilot Program Charge - per month	\$0.14
Energy Charge - per kWh(1)	
Summer(June-September; Option A & B)	
On Peak kWh	41.25¢
Intermediate kWh	12.38¢
Off Peak kWh	7.79¢
Winter(October-May; Option A)	
On Peak kWh	22.08¢
Intermediate kWh	7.92¢
Off Peak kWh	6.46¢
Winter(October-May; Option B)	(2)

(1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.

(2) Residential Anytime Service energy rates apply

*Indicates Change.

DATE OF ISSUE June 28, 2024

DATE EFFECTIVE August 3, 2024

ISSUED BY Mark C. Birk
NAME OF OFFICER

Chairman & President
TITLE

St. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 54.10

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 54.10

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1 (M)
RESIDENTIAL OVERNIGHT SAVER SERVICE

AVAILABILITY

This rate is available at customer's election to all residential customers supplied by the Company to individually metered residences and apartments consisting of one or more rooms for the use of one or more persons as a housekeeping unit with space for eating, living and sleeping, and permanent provisions for cooking and sanitation. Where customers are not served through an advanced meter, an additional monthly service charge will apply.

DESCRIPTION

This rate has two parts: a basic service charge and an energy charge. The energy charge will vary by the time of day that the energy is used (On-Peak or Off-Peak). This rate does not include a demand charge.

This rate has two options: a year round service (Option A) and a summer seasonal service (Option B). Under Option B, energy charges will be billed to the Customer under Residential Overnight Saver Service for the Summer billing period. The energy charges for the Winter season will be billed under Residential Anytime Service.

***RATES**

The monthly bill will consist of the following charges, plus adjustments:

Customer Charge - per month	\$10.43
Non-AMI Meter Charge - per month	\$1.50
Low-Income Pilot Program Charge - per month	\$0.14
Energy Charge - per kWh(1)	
Summer(June-September; option A & B)	
On Peak kWh	18.73¢
Off Peak kWh	7.46¢
Winter(October-May; option A)	
On Peak kWh	10.53¢
Off Peak kWh	6.43¢
Winter(October-May; option B)	(2)

(1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.

(2) Residential Anytime Service energy rates apply.

TIME PERIODS

On-peak and Off-peak hours applicable herein are:

Summer (June-September)

 Peak hours - 6:00 A.M. to 10:00 P.M., All days

 Off-Peak hours - 10:00 P.M. to 6:00 A.M., All days

Winter (October-May)

 Peak hours - 6:00 A.M. to 10:00 P.M., All days

 Off-Peak hours - 10:00 P.M. to 6:00 A.M., All days

*Indicates Change.

DATE OF ISSUE June 28, 2024 DATE EFFECTIVE August 3, 2024

ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri
 NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 63rd RevisedSHEET NO. 54.13CANCELLING MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 54.13

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1 (M)
RESIDENTIAL ULTIMATE SAVER SERVICE

AVAILABILITY

This optional rate is available as of January 1, 2021 at customer's election to all residential customers being served through an advanced meter and supplied by the Company to individually metered residences and apartments consisting of one or more rooms for the use of one or more persons as a housekeeping unit with space for eating, living and sleeping, and permanent provisions for cooking and sanitation.

DESCRIPTION

This rate has three parts: a basic service charge, an energy charge, and a demand charge. The energy charge will vary by the time of day that the energy is used (On-Peak or Off-Peak), and the season (Summer or Winter).

***RATES**

The monthly bill will consist of the following charges, plus adjustments:

Customer Charge - per month	\$10.43
Low-Income Pilot Program Charge - per month	\$0.14
Demand Charge - per monthly kW of billing demand (1)	
Summer (June-September) (1)	\$9.45
Winter (October-May) (1)	\$3.90
Energy Charge - per kWh (1)	
Summer (June-September)	
On Peak kWh	34.76¢
Off Peak kWh	5.88¢
Winter (October-May)	
On Peak kWh	18.90¢
Off Peak kWh	5.20¢

(1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.

On-peak and Off-peak hours applicable herein are:

Summer (June-September)

Peak hours - 3:00 P.M. to 7:00 P.M., Monday through Friday, excluding holidays (2)

Off-Peak hours - All other hours

Winter (October-May)

Peak hours - 6:00 A.M. to 8:00 A.M. and 6:00 P.M. to 8:00 P.M.
Monday through Friday, excluding holidays (2)

Off-Peak hours - All other hours

(2) Holidays of New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Thanksgiving Friday, Christmas Eve Day, and Christmas Day.

*Indicates Change.

DATE OF ISSUE June 28, 2024DATE EFFECTIVE August 3, 2024ISSUED BY Mark C. Birk
NAME OF OFFICERChairman & President
TITLESt. Louis, Missouri
ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 7th Revised SHEET NO. 55

CANCELLING MO.P.S.C. SCHEDULE NO. 6 6th Revised SHEET NO. 55

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 2 (M)

SMALL GENERAL SERVICE RATE

RATE BASED ON MONTHLY METER READINGS

*Standard Rate

Summer Rate (June through September) (1)
 Customer Charge - per month
 Single Phase Service \$13.82
 Three Phase Service \$26.42
 Limited Unmetered Service \$7.32
 Low-Income Pilot Program Charge - per month \$ 0.20
 Energy Charge - per kWh 13.84¢

Winter Rate (October through May) (1)
 Customer Charge - per month
 Single Phase Service \$13.82
 Three Phase Service \$26.42
 Limited Unmetered Service \$7.32
 Low-Income Pilot Program Charge - per month \$ 0.20
 Energy Charge - per kWh
 Base Use 10.33¢
 Seasonal Use (2) 5.97¢

*Optional Overnight Saver Rate (3)

Customer Charge - per month
 Single Phase Service \$13.82
 Three Phase Service \$26.42
 Low-Income Pilot Program Charge - per month \$0.20
 Energy Charge - per kWh (4)
 Summer (June-September) (1)
 On Peak kWh 15.29¢
 Off Peak kWh 9.14¢
 Winter (October-May) (1)
 On Peak kWh 10.20¢
 Off Peak kWh 6.50¢

*Legacy Optional Time-of-Day Rate

Customer Charge - per month
 Single Phase Service \$13.82
 Three Phase Service \$26.42
 Limited Unmetered Service \$7.32
 Low-Income Pilot Program Charge - per month \$ 0.20
 Energy Charge - per kWh (5)
 Summer (June-September) (1)
 All On Peak kWh 20.56¢
 All Off Peak kWh 8.40¢
 Winter (October-May) (1)
 All On Peak kWh 13.55¢
 All Off Peak kWh 6.19¢

*Indicates Change.

DATE OF ISSUE June 28, 2024 DATE EFFECTIVE August 3, 2024

ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri
 NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 7th Revised SHEET NO. 56

CANCELLING MO.P.S.C. SCHEDULE NO. 6 6th Revised SHEET NO. 56

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 3 (M)
LARGE GENERAL SERVICE RATE

***RATE BASED ON MONTHLY METER READINGS**

<u>Summer Rate</u>	(June through September) (1)	
Customer Charge - per month		\$125.27
Low-Income Pilot Program Charge - per month		\$ 2.11
Energy Charge - per kWh		
First 150 kWh per kW of Billing Demand		12.85¢
Next 200 kWh per kW of Billing Demand		9.66¢
All Over 350 kWh per kW of Billing Demand		6.50¢
Demand Charge - per kW of Total Billing Demand		\$ 7.15

<u>Winter Rate</u>	(October through May) (1)	
Customer Charge - per month		\$125.27
Low-Income Pilot Program Charge - per month		\$ 2.11
Base Energy Charge - per kWh		
First 150 kWh per kW of Base Demand		8.06¢
Next 200 kWh per kW of Base Demand		6.00¢
All Over 350 kWh per kW of Base Demand		4.71¢
Seasonal Energy Charge - Seasonal kWh		4.71¢
Demand Charge - per kW of Total Billing Demand		\$ 2.66

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	On-Peak	Off-Peak
	<u>Hours (2)</u>	<u>Hours (2)</u>
Summer kWh (June-September) (1)	+1.14¢	-0.79¢
Winter kWh (October-May) (1)	+0.35¢	-0.22¢

- (1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.
- (2) On-peak and off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

*Indicates Change.

DATE OF ISSUE	<u>June 28, 2024</u>	DATE EFFECTIVE	<u>August 3, 2024</u>
ISSUED BY	<u>Mark C. Birk</u>	TITLE	<u>Chairman & President</u>
	NAME OF OFFICER		ADDRESS
			<u>St. Louis, Missouri</u>

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 7th Revised SHEET NO. 57

CANCELLING MO.P.S.C. SCHEDULE NO. 6 6th Revised SHEET NO. 57

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 4 (M)
SMALL PRIMARY SERVICE RATE

***RATE BASED ON MONTHLY METER READINGS**

Summer Rate (June through September) (1)

Customer Charge - per month	\$426.93
Low-Income Pilot Program Charge - per month	\$ 2.11
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	12.40¢
Next 200 kWh per kW of Billing Demand	9.32¢
All Over 350 kWh per kW of Billing Demand	6.25¢
Demand Charge - per kW of Total Billing Demand	\$ 6.14
Reactive Charge - per kVar	46.09¢

Winter Rate (October through May) (1)

Customer Charge - per month	\$426.93
Low-Income Pilot Program Charge - per month	\$ 2.11
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	7.81¢
Next 200 kWh per kW of Base Demand	5.81¢
All Over 350 kWh per kW of Base Demand	4.53¢
Seasonal Energy Charge - Seasonal kWh	4.54¢
Demand Charge - per kW of Total Billing Demand	\$ 2.23
Reactive Charge - per kVar	46.09¢

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours (2)</u>	<u>Hours (2)</u>
Summer kWh (June-September) (1)	+0.84¢	-0.55¢
Winter kWh (October-May) (1)	+0.31¢	-0.19¢

- (1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.
- (2) On-peak and off-peak hours applicable herein shall be as specified within this service classification.

*Indicates Change.

DATE OF ISSUE	<u>June 28, 2024</u>	DATE EFFECTIVE	<u>August 3, 2024</u>
ISSUED BY	<u>Mark C. Birk</u>	TITLE	<u>Chairman & President</u>
	<u>NAME OF OFFICER</u>		<u>St. Louis, Missouri</u>
			<u>ADDRESS</u>

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

8th Revised

SHEET NO. 58

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

7th 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**

A. LED bracket mounted luminaire on existing wood pole:

<u>Identification</u>	<u>Rate</u>
100W Equivalent (1)	\$12.37
250W Equivalent (1)	\$19.96
400W Equivalent (1)	\$36.68

(1) The equivalent wattage represents the rating of the high pressure sodium lamp that the LED replaces.

B. LED directional flood luminaire; limited to installations accessible to Company basket truck:

<u>Identification</u>	<u>Rate</u>
Directional - Small	\$25.98
Directional - Medium	\$41.64
Directional - Large	\$83.04

C. LED post-top luminaire including standard 17-foot post:

<u>Identification</u>	<u>Rate</u>
All Styles	\$27.46

The High Pressure Sodium and Mercury Vapor offerings under sections D. and E. below are no longer available. Company will replace these existing fixtures, upon failure, with an LED fixture under section A.

D. 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	\$15.32	6,800	\$14.70
25,500	\$21.17	20,000	\$20.13
50,000	\$38.26	54,000	\$33.98

E. 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	\$12.61	3,300	\$12.21
9,500	\$13.45	6,800	\$12.83

*Indicates Change.

DATE OF ISSUE <u>June 28, 2024</u>	DATE EFFECTIVE <u>August 3, 2024</u>
ISSUED BY <u>Mark C. Birk</u> NAME OF OFFICER	<u>Chairman & President</u> TITLE
	<u>St. Louis, Missouri</u> ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 8th Revised SHEET NO. 58.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 7th Revised SHEET NO. 58.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5 (M)

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

***RATE PER UNIT PER MONTH LAMP AND FIXTURE (Cont'd.)**

The High Pressure Sodium, Metal Halide and Mercury Vapor offerings under section F. below are no longer available for new installations. Company will replace these existing fixtures, upon failure, with an LED fixture under section B.

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

<u>High Pressure Sodium</u>		<u>Metal Halide</u>		<u>Mercury Vapor</u>	
<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>	<u>Lumens</u>	<u>Rate</u>
25,500	\$27.50	34,000	\$26.49	20,000	\$26.44
50,000	\$43.51	100,000	\$85.99	54,000	\$39.24

The High Pressure Sodium and Mercury Vapor offerings under sections G. below are no longer available for new installations.

G. 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	\$28.76	3,300	\$27.09
		6,800	\$28.14

(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.

H. 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.

I. 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	\$12.23
140,000 Lumens, H.P. Sodium, Directional	\$86.70

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

*Indicates Change.

DATE OF ISSUE June 28, 2024 DATE EFFECTIVE August 3, 2024

ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

8th Revised

SHEET NO. 59

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

7th 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 \$9.41 per month
 Energy Charge 5.97¢ per kWh

*RATE PER UNIT PER MONTH

	<u>Energy & Maintenance(1)</u>	<u>Energy Only</u>
<u>H.P. Sodium</u>		
9,500 Lumens, Standard	\$ 4.97	\$ 2.31
25,500 Lumens, Standard	\$ 8.52	\$ 5.94
50,000 Lumens, Standard	\$ 12.23	\$ 9.32
<u>Metal Halide</u>		
5,500 Lumens, Standard	\$ 7.27	\$ 2.43
12,900 Lumens, Standard	\$ 8.61	\$ 4.10
<u>Mercury Vapor</u>		
3,300 Lumens, Standard	\$ 4.97	\$ 2.46
6,800 Lumens, Standard	\$ 6.40	\$ 4.00
11,000 Lumens, Standard	\$ 8.65	\$ 5.69
20,000 Lumens, Standard	\$ 11.37	\$ 8.78
54,000 Lumens, Standard	\$24.12	\$20.92

Light Emitting Diodes (LED)

Energy Charge - per rated wattage per month Energy Only
2.02¢

(1) Company will furnish electric energy, furnish and replace lamps, and adjust and replace control mechanisms, as required only through June 30, 2024. Fixtures will then be transitioned to Energy Only effective at the beginning of the next billing period after this date except those fixtures which are eligible for the Limited LED Conversion Option And Grandfathering Provision will continue on the E&M Rate until they are converted to LED by Company.

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.

*Indicates Change.

DATE OF ISSUE June 28, 2024 DATE EFFECTIVE August 3, 2024
 ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

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

3rd Revised

SHEET NO. 59.4

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

2nd Revised

SHEET NO. 59.4

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 6 (M)

STREET AND OUTDOOR AREA LIGHTING - CUSTOMER-OWNED

(Cont'd.)

*** 4. LIMITED LED CONVERSION OPTION AND GRANDFATHERING PROVISION (Cont'd.)**

The monthly unmetered energy-only 6(M) LED rate plus,
\$3.74 per month for a 100 watt equivalent LED fixture;
\$4.85 per month for a 250 watt equivalent LED fixture;
\$8.56 per month for a 400 watt equivalent LED fixture.

In addition, all other applicable charges under this ServiceClassification 6(M) shall apply.

If customer requests, in writing, the termination of all or a portion of converted LEDs under this provision within ten years of the installation of the LED being terminated, customer shall pay in advance to Company \$100.00 per fixture for both the removal costs associated therewith and the loss of the remaining life value of such facilities. If said request for termination is made after the above ten year in-service period, 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.

5. 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.

*Indicates Change.

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NAME OF OFFICER

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

7th Revised

SHEET NO. 61

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

6th Revised

SHEET NO. 61

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 11 (M)

LARGE PRIMARY SERVICE RATE

***RATE BASED ON MONTHLY METER READINGS**

Summer Rate (June through September) (1)

Customer Charge - per month	\$426.93
Low-Income Pilot Program Charge - per month	\$ 223.99
Energy Charge - per kWh	4.16¢
Demand Charge - per kW of Billing Demand	\$ 24.51
Reactive Charge - per kVar	46.09¢

Winter Rate (October through May) (1)

Customer Charge - per month	\$426.93
Low-Income Pilot Program Charge - per month	\$ 223.99
Energy Charge - per kWh	3.80¢
Demand Charge - per kW of Billing Demand	\$ 10.90
Reactive Charge - per kVar	46.09¢

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	On-Peak <u>Hours (2)</u>	Off-Peak <u>Hours (2)</u>
Summer kWh (June-September) (1)	+0.64¢	-0.37¢
Winter kWh (October-May) (1)	+0.29¢	-0.17¢

- (1) Refer to General Rules and Regulations, V. Billing Practices, Section A. Monthly Billing Periods, for specific applicability.
- (2) On-peak and off-peak hours applicable herein shall be as specified within this service classification.

*Indicates Change.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

7th Revised

SHEET NO. 63

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

6th Revised

SHEET NO. 63

APPLYING TO MISSOURI SERVICE AREA

MISCELLANEOUS CHARGES

Reconnection Charges per Connection Point

Applicable to Rider F - Annually Recurring Service, Par. B.3.: \$30.00

Applicable to General Rules & Regulations VII. Disconnection and Reconnection of Service, Reconnection of Service:

Where an operational AMI remote disconnect is not present: \$30.00

Where an operational AMI remote disconnect is present: \$ 5.00

Returned Check Fee \$25.00

Opt-Out Charges

Applicable to General Rules & Regulations IV. Measurement of Service, Remote Meter Reading Opt-Out:

One-time setup charge \$100.00

Non-Standard Meter Charge - per month \$40.00

Paperless Billing Incentive (Credit to Customer)

Applicable to General Rules & Regulations V. Billing Practices, Paperless Billing: \$0.50

Tampering/Diversion Charge

Applicable to General Rules & Regulations I. General Provisions, Customer Obligations: \$210.00

Service Call Charge

Customer's reporting service problems may be charged a \$50.00 fee for a service call, if it is determined the problem is within the customer's electrical system.

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.

Monthly Service Monitoring Charge

Sheet No. 105, Section I \$500.00

* Supplementary Service Minimum Monthly Charges

Applicable to Rider E - Supplementary Service , Section C-3:

Charges applicable during 4 monthly

billing periods of June through September Primary Service Rate

Customer Charge per month, plus \$426.93

Low-Income Pilot Program Charge - per month \$223.99

All kW @ \$ 24.51

Charges applicable during 8 monthly

billing periods of October through May Primary Service Rate

Customer Charge per month, plus \$426.93

Low-Income Pilot Program Charge - per month \$223.99

All kW @ \$ 10.90

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APPLYING TO MISSOURI SERVICE AREA

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MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 71.16

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.16

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

APPLICABILITY

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), and 11(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation and emissions costs and revenues, net of off-system sales revenues (OSSR) (i.e., Actual Net Energy Costs (ANEC)) and Net Base Energy Costs (B), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Recovery Period (RP)</u>
February through May	October through May
June through September	February through September
October through January	June through January

AP means the four (4) calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purposes of determining the Fuel Adjustment Rate (FAR).

RP means the calendar months during which the FAR is applied to retail customer usage on a per kWh basis, as adjusted for service voltage. Notwithstanding that each RP covers a period of eight months, when an extraordinary event has occurred that results in an increase to actual net energy costs in an accumulation period, for good cause shown, subject to Commission approval after an opportunity for any party to be heard, the Company shall defer recovery beyond eight months over a period determined by the Commission upon a finding that the magnitude of the increase on customers of recovering the difference between actual net energy costs and net base energy costs for that accumulation period should be mitigated. The difference not recovered within the eight-month recovery period applicable to the accumulation period at issue will be added to subsequent recovery periods until recovered with a true-up at the end of the Commission approved extended recovery period.

The Company will make a FAR filing no later than sixty (60) days prior to the first day of the applicable Recovery Period above. All FAR filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

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CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.17

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* **(Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)**

FAR DETERMINATION

Ninety five percent (95%) of the difference between ANEC and B for each respective AP will be utilized to calculate the FAR under this rider pursuant to the following formula with the results stated as a separate line item on the customers' bills.

For each FAR filing made, the FAR_{RP} is calculated as:

$$FAR_{RP} = [(ANEC - B) \times 95\% \pm I \pm P \pm TUP] / S_{RP}$$

Where:

$$ANEC = FC + PP + E \pm R - OSSR$$

FC = Fuel costs and revenues associated with the Company's in-service generating plants, but excluding decommissioning and retirement costs, consisting of the following:

- 1) For fossil fuel plants:
 - A. the following costs and revenues (including applicable taxes) arising from steam plant operations recorded in FERC Account 501: coal commodity, gas, alternative fuels, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs, fuel oil adjustments included in commodity and transportation costs, fuel additive costs included in commodity or transportation costs, oil costs, ash disposal costs and revenues, and expenses resulting from fuel and transportation portfolio optimization activities;
 - B. the following costs and revenues reflected in FERC Account 502 for: consumable costs related to Air Quality Control System (AQCS) operation, such as urea, limestone, and powder activated carbon; and
 - C. the following costs and revenues (including applicable taxes) arising from non-steam plant operations recorded in FERC Account 547: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation, fuel losses, hedging, and revenues and expenses resulting from fuel and transportation portfolio optimization activities, but excluding fuel costs related to the Company's landfill gas generating plant known as Maryland Heights Energy Center; and
- 2) The following costs and revenues (including applicable taxes) arising from nuclear plant operations, recorded in FERC Account 518: nuclear fuel commodity expense, waste disposal expense, and nuclear fuel hedging costs.

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MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 71.18CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.18APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

FAR DETERMINATION (Cont'd.)

PP = Purchased power costs and revenues and consists of the following:

- 1) The following costs and revenues for purchased power reflected in FERC Account 555, excluding (a) all charges under Midcontinent Independent System Operator, Inc. ("MISO") Schedules 10, 16, 17 and 24 (or any successor to those MISO Schedules), and (b) generation capacity charges for contracts with terms in excess of one (1) year. Such costs and revenues include:
 - A. MISO costs or revenues for MISO's energy and operating reserve market settlement charge types and capacity market settlement clearing costs or revenues associated with:
 - i. Energy;
 - ii. Losses;
 - iii. Congestion management:
 - a. Congestion;
 - b. Financial Transmission Rights; and
 - c. Auction Revenue Rights;
 - iv. Generation capacity acquired in MISO's capacity auction or market; provided such capacity is acquired for a term of one (1) year or less;
 - v. Revenue sufficiency guarantees;
 - vi. Revenue neutrality uplift;
 - vii. Net inadvertent energy distribution amounts;
 - viii. Ancillary Services:
 - a. Regulating reserve service (MISO Schedule 3, or its successor);
 - b. Energy imbalance service (MISO Schedule 4, or its successor);
 - c. Spinning reserve service (MISO Schedule 5, or its successor);
 - d. Supplemental reserve service (MISO Schedule 6, or its successor); and
 - e. Short-term reserve service;
 - ix. Demand response:
 - a. Demand response allocation uplift; and
 - b. Emergency demand response cost allocation (MISO Schedule 30, or its successor);
 - x. System Support Resource:
 - a. MISO Schedule 43K.

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MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 71.19

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.19

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

FAR DETERMINATION (Cont'd.)

- B. Non-MISO costs or revenues as follows:
 - i. If received from a centrally administered market (e.g. PJM/SPP), costs or revenues of an equivalent nature to those identified for the MISO costs or revenues specified in subpart A of part 1 above;
 - ii. If not received from a centrally administered market:
 - a. Costs for purchases of energy; and
 - b. Costs for purchases of generation capacity, provided such capacity is acquired for a term of one (1) year or less; and

- C. Realized losses and costs (including broker commissions and fees) minus realized gains for financial swap transactions for electrical energy that are entered into for the purpose of mitigating price volatility associated with anticipated purchases of electrical energy for those specific time periods when the Company does not have sufficient economic energy resources to meet its native load obligations, so long as such swaps are for up to a quantity of electrical energy equal to the expected energy shortfall and for a duration up to the expected length of the period during which the shortfall is expected to exist.

- 2) Six and 84/100 percent (6.84%) of transmission service costs reflected in FERC Account 565 and six and 84/100 percent (6.84%) of transmission revenues reflected in FERC Account 456.1 (excluding costs or revenues under MISO Schedule 10, or any successor to that MISO Schedule). Such transmission service costs and revenues included in Factor PP include:

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

FAR DETERMINATION (Cont'd.)

- 3) A. MISO costs and revenues associated with:
 - i. Network transmission service (MISO Schedule 9 or its successor);
 - ii. Point-to-point transmission service (MISO Schedules 7 and 8 or their successors);
 - iii. System control and dispatch (MISO Schedule 1 or its successor);
 - iv. Reactive supply and voltage control (MISO Schedule 2 or its successor);
 - v. MISO Schedules 26, 26A, 26C, 26D, 26E, 26F, 37 and 38 or their successors;
 - vi. MISO Schedule 33; and
 - vii. MISO Schedules 41, 42-A, 42-B, 45 and 47;
- B. Non-MISO costs and revenues associated with:
 - i. Network transmission service;
 - ii. Point-to-point transmission service;
 - iii. System control and dispatch; and
 - iv. Reactive supply and voltage control.

E = Costs and revenues for SO₂ and NO_x emissions allowances in FERC Accounts 411.8, 411.9, and 509, including those associated with hedging.

R = Net insurance recoveries for costs/revenues included in this Rider FAC (and the insurance premiums paid to maintain such insurance), and subrogation recoveries and settlement proceeds related to costs/revenues included in this Rider FAC.

*Indicates Change.

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* **(Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)**

FAR DETERMINATION (Cont'd.)

OSSR = Costs and revenues in FERC Account 447 for:

1. Capacity;
2. Energy;
3. Ancillary services, including:
 - A. Regulating reserve service (MISO Schedule 3, or its successor);
 - B. Energy Imbalance Service (MISO Schedule 4, or its successor);
 - C. Spinning reserve service (MISO Schedule 5, or its successor); and
 - D. Supplemental reserve service (MISO Schedule 6, or its successor);
 - E. Ramp capability service; and
 - F. Short-term reserve service;
4. Make-whole payments, including:
 - A. Price volatility; and
 - B. Revenue sufficiency guarantee;
5. Hedging; and
6. System Support Resource:
 - A. MISO Schedule 43K.

For purposes of factors FC, E, and OSSR, "hedging" is defined as realized losses and costs (including broker commissions and fees associated with the hedging activities) minus realized gains associated with mitigating volatility in the Company's cost of fuel, off-system sales and emission allowances, including but not limited to, the Company's use of futures, options and over-the-counter derivatives including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps.

Notwithstanding anything to the contrary contained in the tariff sheets for Rider FAC, factors PP and OSSR shall not include costs and revenues for any undersubscribed portion of a permanent Community Solar Program resource allocated to shareholders under the approved stipulation in File No. ER-2021-0240.

Notwithstanding anything to the contrary contained in the tariff sheets for Rider FAC, factors FC, PP and OSSR shall not include costs and revenues for (a) amounts associated with portions of Power Purchase Agreements dedicated to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factor OSSR, (b) amounts associated with generation assets dedicated, as of the date BF was

*Indicates Change.

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* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

FAR DETERMINATION (Cont'd.)

determined, to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factor OSSR, (c) amounts associated with generation assets that began commercial operation after the date BF was determined and that were dedicated to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factors FC, PP, and OSSR when it began commercial operation, (d) for Renewable Energy Standard compliance included in Rider RESRAM, (e) amounts associated with energy purchased from the MISO market to serve digital currency mining by the Company, and (f) those amounts specified by Commission Order approving any tariff, rider or program, to be excluded from Rider FAC. Moreover, if a research and development ("R&D") project would impact the amounts for Factors FC, PP, or OSSR in an upcoming FAR filing, the Company shall file, in the docket in which this Rider FAC was approved, a notice outlining what the research and development project consists of, and how it will impact such factors in the upcoming FAR filing. The Company will bear the burden of proof to show that the impacts of the subject project should be included in Factors FC, PP, or OSSR, as the case may be. Such notice shall be filed no fewer than 60 days prior to the date of the subject FAR filing. Parties shall have thirty days after the filing of the notice to challenge the inclusion of the impacts of such project on such Factors in the determination of the FAR by stating the reasons for the challenge. If a party challenges the inclusion of a cost/revenue, the costs/revenue will be removed from the FAR until the Commission makes a determination regarding the inclusion of the cost/revenue. If the Commission orders a challenged cost be included in the FAC, the costs will be refunded or the revenues returned along with interest in the next periodic adjustment. For purposes of this Rider FAC, a "research and development project" is defined the same as "Research, Development, and Demonstration (RD&D)" as defined in 18 CFR Chapter 1, subchapter C, Part 101, Federal Power Act Definition 32.B, provided that if the project at issue consumes electricity only incidentally, it will not constitute a research and development project.

Should FERC require any item covered by factors FC, PP, E or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

*Indicates Change.

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	<u>NAME OF OFFICER</u>		<u>St. Louis, Missouri</u>
			<u>ADDRESS</u>

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 71.23

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.23

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

FAR DETERMINATION (Cont'd.)

B = BF x S_{AP}

BF = The Base Factor, which is equal to the normalized value for the sum of allowable fuel costs (consistent with the term FC), plus cost of purchased power (consistent with the term PP), and emissions costs and revenues (consistent with the term E), less revenues from off-system sales (consistent with the term OSSR) divided by corresponding normalized retail kWh as adjusted for applicable losses. The normalized values referred to in the prior sentence shall be those values used to determine the revenue requirement in the Company's most recent rate case. The BF applicable to June through September calendar months (BFSUMMER) is \$0.01439 per kWh. The BF applicable to October through May calendar months (BFWINTER) is \$0.01328 per kWh.

S_{AP} = kWh during the AP that ended immediately prior to the FAR filing, as measured by taking the most recent kWh data for the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), but excluding kWh for research and development projects, the impact of which are challenged or ordered to be excluded by the Commission, plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).

S_{RP} = Applicable RP estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node) but excluding kWh for research and development projects, the impact of which are challenged or ordered to be excluded by the Commission, plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).

I = Interest applicable to

- (i) the difference between ANEC and B for all kWh of energy supplied during an AP until those costs have been recovered;
- (ii) refunds due to prudence reviews ("P"), if any; and
- (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings ("TUP") provided for herein.

* Indicates Change.

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* **(Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)**

FAR DETERMINATION (Cont'd.)

Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

P = Prudence disallowance amount, if any, as defined below.

TUP = True-up amount as defined below.

The FAR, which will be multiplied by the Voltage Adjustment Factors (VAF) set forth below is calculated as:

$$FAR = \text{The lower of (a) PFAR and (b) RAC.}$$

where:

- FAR = Fuel Adjustment Rate applied to retail customer usage on a per kWh basis starting with the applicable Recovery Period following the FAR filing.
- FAR_{RP} = FAR Recovery Period rate component calculated to recover under- or over-collection during the Accumulation Period that ended immediately prior to the applicable filing.
- FAR_(RP-1) = FAR Recovery Period rate component for the under- or over-collection during the Accumulation Period immediately preceding the Accumulation Period that ended immediately prior to the application filing for FAR_{RP}.
- PFAR = The Preliminary FAR, which is the sum of FAR_{RP} and FAR_(RP-1)
- RAC = Rate Adjustment Cap: applies to the FAR rate and shall apply so long as the rate caps provided for by Section 393.1655, RSMo. are in effect, and shall be calculated by multiplying the rate as determined under Section 393.1655.4 by the 2.85% Compound Annual Growth Rate compounded for the amount of time in days that has passed since the effective date of rate schedules published to effectuate the Commission's Order that approved the Stipulation and Agreement that resolved File No. ER-2016-0179, and subtracting the then-current RESRAM rate under Rider RESRAM and the average base rate determined from the most recent general rate proceeding as calculated pursuant to Section 393.1655, and dividing that result by the weighted average voltage adjustment factor 1.0455%.

* Indicates Change.

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ISSUED BY Mark C. Birk Chairman & 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. 71.25

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.25

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* **(Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)**

FAR DETERMINATION (Cont'd.)

The Initial Rate Component For the Individual Service Classifications shall be determined by multiplying the FAR determined in accordance with the foregoing by the following Voltage Adjustment Factors (VAF):

Secondary Voltage Service (VAF _{SEC})	1.0539
Primary Voltage Service (VAF _{PRI})	1.0222
High Voltage Service (VAF _{HV})	1.0059
Transmission Voltage Service (VAF _{TRANS})	0.9928

Customers served by the Company under Service Classification No. 11(M), Large Primary Service, shall have their rate capped such that their FAR_{LPS} does not exceed RAC_{LPS}, where

RAC_{LPS} = Rate Adjustment Cap Applicable to LPS Class: applies to the FAR rate applicable to customers in the LPS class and shall apply so long as the rate caps provided for by Section 393.1655, RSMo. are in effect, and shall be calculated by multiplying the class average overall rate as determined under Section 393.1655.6 by the 2.00% Compound Annual Growth Rate compounded for the amount of time that has passed in days since the effective date of rate schedules published to effectuate the Commission's Order that approved the Stipulation and Agreement that resolved File No. ER-2016-0179, and subtracting the then-current RESRAM rate under Rider RESRAM and the class average base rate determined from the most recent general rate proceeding as calculated pursuant to Section 393.1655.

FAR_{LPS} = The lesser of (a) the Combined Initial Rate Component for RAC_{LPS} Comparison or (b) RAC_{LPS}.

Combined Initial Rate Component for RAC_{LPS} Comparison = The sum of the products of each of the Primary, High Voltage, and Transmission Initial Rate Components for the Individual Service Classifications and the applicable LPS Weighting Factors (WF):

Primary Voltage LPS Weighting Factor (WF _{PRI})	0.1587
High Voltage LPS Weighting Factor (WF _{HV})	0.3967
Transmission Voltage LPS Weighting Factor (WF _{TRANS})	0.4446

The Weighting Factors are the ratios between each voltage's annual kWh and total annual LPS kWh. The above Combined Initial Rate Component is developed for the purposes of determining if the statutory RAC_{LPS} has been exceeded, and if it has, calculating the FAR Shortfall Adder to be applied across all non-LPS service classifications in the immediately concluded AP.

* Indicates Change.

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MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 71.26

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.26

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* **(Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)**

Where the Combined Initial Rate Component for RAC_{LPS} Comparison is greater than FAR_{LPS}, then a Per kWh FAR Shortfall Adder shall apply to each of the respective Initial Rate Components to be determined as follows:

Per kWh FAR Shortfall Adder = (((Combined Initial Rate Component For RAC_{LPS} Comparison - FAR_{LPS}) x SLPS) / (SRP - SRP - LPS))

Where:

SLPS = Estimated Recovery Period LPS kWh sales at the retail meter
 SRP-LPS = Estimated Recovery Period LPS kwh sales at the Company's MISO CP Node (AMMO.UE or successor node)

The FAR Applicable to the Non-LPS Individual Service Classifications shall be determined as follows:

FARSEC = Initial Rate Component For Secondary Customers + (Per kWh FAR Shortfall Adder x VAFSEC)
 FARPRI = Initial Rate Component For Primary Customers + (Per kWh FAR Shortfall Adder x VAFPRI)
 FARHV = Initial Rate Component For High Voltage Customers + (Per kWh FAR Shortfall Adder x VAFHV)
 FARTRANS = Initial Rate Component For Transmission Customers + (Per kWh FAR Shortfall Adder x VAFTRANS)

The FAR Applicable to the LPS Individual Service Classifications shall be determined as follows:

LPSFARPRI = Initial Rate Component For Primary Customers x LPS RAC Cap Multiplier
 LPSFARHV = Initial Rate Component For High Voltage Customers x LPS RAC Cap Multiplier
 LPSFARTRANS = Initial Rate Component For Transmission Customers x LPS RAC Cap Multiplier

Where the LPS RAC Cap Multiplier is the FAR_{LPS} divided by the Combined Initial Rate Component for RAC_{LPS} Comparison.

The FAR applicable to the individual Service Classifications, including the calculations on Lines 24 through 29 of Rider FAC, shall be rounded to the nearest \$0.00001 to be charged on a \$/kWh basis for each applicable kWh billed.

TRUE-UP

After completion of each RP, the Company shall make a true-up filing on the same day as its FAR filing. Any true-up adjustments shall be reflected in TUP above. Interest on the true-up adjustment will be included in I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the RP.

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ELECTRIC SERVICE

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CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.27

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

* **(Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)**

GENERAL RATE CASE/PRUDENCE REVIEWS

The following shall apply to this FAC, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Commission order implementing or continuing this FAC. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this FAC, or any period for which charges hereunder must be fully refunded. In the event a court determines that this FAC is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this FAC to file such a rate case.

Prudence reviews of the costs subject to this FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in P above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in I above.

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

MISO Energy & Operating Reserve Market Settlement Charge Types and Capacity Market Charges and Credits

DA Asset Energy Amount;	RT Asset Energy Amount;
DA Congestion Rebate on Carve-out GFA;	RT Congestion Rebate on Carve-out GFA;
DA Congestion Rebate on Option B GFA;	RT Contingency Reserve Deployment Failure Charge Amount;
DA Financial Bilateral Transaction Congestion Amount;	RT Demand Response Allocation Uplift Charge;
DA Financial Bilateral Transaction Loss Amount;	RT Distribution of Losses Amount;
DA Loss Rebate on Carve-out GFA;	RT Excessive Energy Amount;
DA Loss Rebate on Option B GFA;	RT Excessive\Deficient Energy Deployment Charge Amount;
DA Non-Asset Energy Amount;	RT Financial Bilateral Transaction Congestion Amount;
DA Ramp Capability Amount;	RT Financial Bilateral Transaction Loss Amount;
DA Regulation Amount;	RT Loss Rebate on Carve-out GFA;
DA Revenue Sufficiency Guarantee Distribution Amount;	RT Miscellaneous Amount;
DA Revenue Sufficiency Guarantee Make Whole Payment Amount;	RT Ramp Capability Amount;
DA Short-term Reserve Amount;	Real Time MVP Distribution;
DA Spinning Reserve Amount;	RT Net Inadvertent Distribution Amount;
DA Supplemental Reserve Amount;	RT Net Regulation Adjustment Amount;
DA Virtual Energy Amount;	RT Non-Asset Energy Amount;
FTR Annual Transaction Amount;	RT Non-Excessive Energy Amount;
FTR ARR Revenue Amount;	RT Price Volatility Make Whole Payment;
FTR ARR Stage 2 Distribution;	RT Regulation Amount;
FTR Full Funding Guarantee Amount;	RT Regulation Cost Distribution Amount;
FTR Guarantee Uplift Amount;	RT Resource Adequacy Auction Amount;
FTR Hourly Allocation Amount;	RT Revenue Neutrality Uplift Amount;
FTR Infeasible ARR Uplift Amount;	RT Revenue Sufficiency Guarantee First Pass Dist Amount;
FTR Monthly Allocation Amount;	RT Revenue Sufficiency Guarantee Make Whole Payment Amount;
FTR Monthly Transaction Amount;	RT Schedule 49 Distribution;
FTR Yearly Allocation Amount;	RT Short-term Reserve Amount;
FTR Transaction Amount;	RT Spinning Reserve Amount;
	RT Spinning Reserve Cost Distribution Amount;
	RT Supplemental Reserve Amount;
	RT Supplemental Reserve Cost Distribution Amount;
	RT Virtual Energy Amount;
	Short-term Reserve Cost Distribution Amount;
	Short-term Reserve Deployment Failure Charge Amount;

MISO Transmission Service Settlement Schedules

MISO Schedule 1 (System control & dispatch);	MISO Schedule 41 (Charge to Recover Costs of Entergy Strom Securitization);
MISO Schedule 2 (Reactive supply & voltage control);	MISO Schedule 42A (Entergy Charge to Recover Interest);
MISO Schedule 7 & 8 (point to point transmission service);	MISO Schedule 42B (Entergy Credit associated with AFUDC);
MISO Schedule 9 (network transmission service);	MISO Schedule 45 (Cost Recovery of NERC Recommendation or Essential Action);
MISO Schedules 26, 26A, 37 & 38 (MTEP & MVP Cost Recovery);	MISO Schedule 47 (Entergy Operating Companies MISO Transition Cost Recovery);
MISO Schedules 26-C & 26-D - (TMEP Cost Recovery);	
MISO Schedules 26-E & 26-F (IMEP Cost Recovery);	
MISO Schedule 33 (Black Start Service);	

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	<u>St. Louis, Missouri</u> ADDRESS

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

MISO Charge Types Which Appear On MISO Settlement Statements Represent Administrative Charges And Are Specifically Excluded From The FAC

DA Market Administration Amount;
DA Schedule 24 Allocation Amount;
FTR Market Administration Amount;
Schedule 10 - ISO Cost Recovery Adder;

RT Market Administration Amount;
RT Schedule 24 Allocation Amount;
RT Schedule 24 Distribution Amount;
Schedule 10 - FERC - Annual Charges Recovery;

PJM Market Settlement Charge Types

Auction Revenue Rights;
Balancing Operating Reserve;
Balancing Operating Reserve for Load Response;

Balancing Spot Market Energy;
Balancing Transmission Congestion;
Balancing Transmission Losses;
Capacity Resource Deficiency;
Capacity Transfer Rights;
Day-ahead Economic Load Response;
Day-Ahead Load Response Charge Allocation;
Day-ahead Operating Reserve;
Day-ahead Operating Reserve for Load Response;
Day-ahead Spot Market Energy;
Day-ahead Transmission Congestion;
Day-ahead Transmission Losses;
Demand Resource and ILR Compliance Penalty;
Emergency Energy;
Emergency Load Response;
Energy Imbalance Service;
Financial Transmission Rights Auction;
Generation Deactivation;
Generation Resource Rating Test Failure;
Inadvertent Interchange;
Incremental Capacity Transfer Rights;
Interruptible Load for Reliability;

Load Reconciliation for Inadvertent Interchange;
Load Reconciliation for Operating Reserve Charge;
Load Reconciliation for Regulation and Frequency Response Service;

Load Reconciliation for Spot Market Energy;
Load Reconciliation for Synchronized Reserve;
Load Reconciliation for Synchronous Condensing;
Load Reconciliation for Transmission Congestion;
Load Reconciliation for Transmission Losses;
Locational Reliability;
Miscellaneous Bilateral;
Non-Unit Specific Capacity Transaction;
Peak Season Maintenance Compliance Penalty;
Peak-Hour Period Availability;
PJM Customer Payment Default;
Planning Period Congestion Uplift;
Planning Period Excess Congestion;
Ramapo Phase Angle Regulators;
Real-time Economic Load Response;
Real-Time Load Response Charge Allocation;
Regulation and Frequency Response Service;
RPM Auction;
Station Power;
Synchronized Reserve;
Synchronous Condensing;
Transmission Congestion;
Transmission Losses;;

PJM Transmission Service Charge Types

Black Start Service;
Day-ahead Scheduling Reserve;
Direct Assignment Facilities;
Expansion Cost Recovery;
Firm Point-to-Point Transmission Service;
Internal Firm Point-to-Point Transmission Service;
Internal Non-Firm Point-to-Point Transmission Service;
Load Reconciliation for PJM Scheduling, System Control and Dispatch Service;
Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund;
Load Reconciliation for Reactive Services;
Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service;
Network Integration Transmission Service;
Network Integration Transmission Service (exempt);

Network Integration Transmission Service Offset;
Non-Firm Point-to-Point Transmission Service;
Non-Zone Network Integration Transmission Service;
Other Supporting Facilities;
PJM Scheduling, System Control and Dispatch Service Refunds;
PJM Scheduling, System Control and Dispatch Services;
Qualifying Transmission Upgrade Compliance Penalty;
Reactive Supply and Voltage Control from Generation and Other Sources Service;
Transmission Enhancement;
Transmission Owner Scheduling, System Control and Dispatch Service;
Unscheduled Transmission Service;
Reactive Services;

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St. Louis, Missouri
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APPLYING TO

MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

PJM Charge Types Which Appear On The Settlement Statements Represent Administrative Charges Are Specifically Excluded From The FAC

Annual PJM Building Rent;	Michigan - Ontario Interface Phase Angle Regulators;
Annual PJM Cell Tower;	North American Electric Reliability Corporation
FERC Annual Charge Recovery;	(NERC);
Load Reconciliation for FERC Annual Charge Recovery;	Organization of PJM States, Inc. (OPSI) Funding;
Load Reconciliation for North American Electric Reliability Corporation (NERC);	PJM Annual Membership Fee;
Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding;	PJM Settlement, Inc.;
Load Reconciliation for Reliability First Corporation (RFC);	Reliability First Corporation (RFC);
Market Monitoring Unit (MMU) Funding;	RTO Start-up Cost Recovery;
	Virginia Retail Administrative Fee;

SPP Market Settlement Charge Types

DA Asset Energy Amount;	Transmission Congestion Rights Annual Closeout;
DA Non-Asset Energy Amount;	Auction Revenue Rights Uplift;
DA Make-Whole Payment Distribution;	Auction Revenue Rights Monthly Payback;
DA Make-Whole Payment;	Auction Revenue Rights Annual Payback;
DA Virtual Energy;	DA Regulation Up;
DA Virtual Energy Transaction Fee;	DA Regulation Down;
DA Demand Reduction Amount;	DA Regulation Up Distribution
DA Demand Reduction Distribution Amount;	DA Regulation Down Distribution
DA GFA Carve-Out Daily Amount;	DA Spinning Reserve;
DA GFA Carve-Out Monthly Amount;	DA Spinning Reserve Distribution;
DA GFA Carve-Out Yearly Amount;	DA Supplemental Reserve;
GFA Carve Out Distribution Daily Amount;	DA Supplemental Reserve Distribution
GFA Carve Out Distribution Monthly Amount;	RT Regulation Up;
GFA Carve Out Distribution Yearly Amount;	RT Regulation Up Distribution;
RT Asset Energy Amount;	RT Regulation Down;
RT Over Collected Losses Distribution;	RT Regulation Down Distribution;
RT Miscellaneous Amount;	RT Regulation Out of Merit;
RT Non-Asset Energy;	RT Spinning Reserve Amount;
RT Revenue Neutrality Uplift;	RT Supplemental Reserve Amount;
RT Joint Operating Agreement;	RT Spinning Reserve Cost Distribution Amount;
RUC Make Whole Payment Distribution;	RT Supplemental Reserve Distribution Amount;
RUC Make Whole Payment;	RT Regulation Non-Performance;
RT Virtual Energy Amount;	RT Regulation Non-Performance Distribution;
RT Demand Reduction Amount;	RT Regulation Deployment Adjustment;
RT Demand Reduction Distribution Amount;	RT Contingency Reserve Deployment Failure;
Transmission Congestion Rights Daily Uplift;	RT Contingency Reserve Deployment Failure Distribution;
Transmission Congestion Rights Monthly Payback;	RT Reserve Sharing Group;
Transmission Congestion Rights Auction Transaction;	RT Reserve Sharing Group Distribution;
Transmission Congestion Rights Annual Payback;	RT Pseudo-Tie Congestion Amount;
Transmission Congestion Rights Funding;	RT Pseudo-Tie Losses Amount;
Auction Revenue Rights Annual Closeout;	RT Unused Regulation -Up Mileage Make Whole Payment;
Auction Revenue Rights Funding;	RT Ramp Capability Up Amount;
DA Remp Capability Up Amount;	RT Ramp Capability Down Amount;
DA Ramp Capability Down Amount;	RT Ramp Capability Up Distribution Amount;
DA Ramp Capability Up Distribution Amount;	RT Ramp Capability Down Distribution Amount;
DA Ramp Capability Down Distribution Amount;	RT Ramp Capability Non-Performance Distribution
RT Ramp Capability Non-Performance Amount;	Amount;
	RT Unused Regulation -Down Mileage Make Whole Payment;

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5th Revised

SHEET NO. 71.31

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

4th Revised

SHEET NO. 71.31

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

* (Applicable To Service Provided Between July 9, 2023 And The Day Before The Effective Date Of This Tariff)

SPP Transmission Service Charge Types

- Schedule 1 - Scheduling, System Control & Dispatch Service;
- Schedule 2 - Reactive Voltage;
- Schedule 7 - Zonal Firm Point-to-Point;
- Schedule 8 - Zonal Non-Firm Point-to-Point;
- Schedule 11 - Base Plan Zonal and Regional;

SPP Charge Types Representing Administrative Charges Specifically Excluded From The FAC

- Schedule 1A - Tariff Administrative Fee;
- Schedule 1A2 - Transmission Congestion Rights Administration
- Schedule 1A3 - Integrated Marketplace Clearing Administration
- Schedule 1A4 - Integrated Marketplace Facilitation Administration
- Schedule 12 - FERC Assessment;

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

APPLICABILITY

This rider is applicable to kilowatt-hours (kWh) of energy supplied to customers served by the Company under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 5(M), 6(M), and 11(M).

Costs passed through this Fuel and Purchased Power Adjustment Clause (FAC) reflect differences between actual fuel and purchased power costs, including transportation and emissions costs and revenues, net of off-system sales revenues (OSSR) (i.e., Actual Net Energy Costs (ANEC)) and Net Base Energy Costs (B), calculated and recovered as provided for herein.

The Accumulation Periods and Recovery Periods are as set forth in the following table:

<u>Accumulation Period (AP)</u>	<u>Recovery Period (RP)</u>
February through May	October through May
June through September	February through September
October through January	June through January

AP means the four (4) calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purposes of determining the Fuel Adjustment Rate (FAR).

RP means the calendar months during which the FAR is applied to retail customer usage on a per kWh basis, as adjusted for service voltage. Notwithstanding that each RP covers a period of eight months, when an extraordinary event has occurred that results in an increase to actual net energy costs in an accumulation period, for good cause shown, subject to Commission approval after an opportunity for any party to be heard, the Company shall defer recovery beyond eight months over a period determined by the Commission upon a finding that the magnitude of the increase on customers of recovering the difference between actual net energy costs and net base energy costs for that accumulation period should be mitigated. The difference not recovered within the eight-month recovery period applicable to the accumulation period at issue will be added to subsequent recovery periods until recovered with a true-up at the end of the Commission approved extended recovery period.

The Company will make a FAR filing no later than sixty (60) days prior to the first day of the applicable Recovery Period above. All FAR filings shall be accompanied by detailed workpapers supporting the filing in an electronic format with all formulas intact.

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION

Ninety five percent (95%) of the difference between ANEC and B for each respective AP will be utilized to calculate the FAR under this rider pursuant to the following formula with the results stated as a separate line item on the customers' bills.

For each FAR filing made, the FAR_{RP} is calculated as:

$$FAR_{RP} = [(ANEC - B) \times 95\% \pm I \pm P \pm TUP] / S_{RP}$$

Where:

$$ANEC = FC + PP + E \pm R - OSSR$$

FC = Fuel costs and revenues associated with the Company's in-service generating plants, but excluding decommissioning and retirement costs, consisting of the following:

- 1) For fossil fuel plants:
 - A. the following costs and revenues (including applicable taxes) arising from steam plant operations recorded in FERC Account 501: coal commodity, gas, alternative fuels, Btu adjustments assessed by coal suppliers, quality adjustments related to the sulfur content of coal assessed by coal suppliers, railroad transportation, switching and demurrage charges, railcar repair and inspection costs, railcar depreciation, railcar lease costs, similar costs associated with other applicable modes of transportation, fuel hedging costs, fuel oil adjustments included in commodity and transportation costs, fuel additive costs included in commodity or transportation costs, oil costs, ash disposal costs and revenues, and expenses resulting from fuel and transportation portfolio optimization activities;
 - B. the following costs and revenues reflected in FERC Account 502 for: consumable costs related to Air Quality Control System (AQCS) operation, such as urea, limestone, and powder activated carbon; and
 - C. the following costs and revenues (including applicable taxes) arising from non-steam plant operations recorded in FERC Account 547: natural gas generation costs related to commodity, oil, transportation, storage, capacity reservation, fuel losses, hedging, and revenues and expenses resulting from fuel and transportation portfolio optimization activities, but excluding fuel costs related to the Company's landfill gas generating plant known as Maryland Heights Energy Center; and
- 2) The following costs and revenues (including applicable taxes) arising from nuclear plant operations, recorded in FERC Account 518: nuclear fuel commodity expense, waste disposal expense, and nuclear fuel hedging costs.

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MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 72.2CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 72.2APPLYING TO MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And
Thereafter)FAR DETERMINATION (Cont'd.)

- PP = Purchased power costs and revenues and consists of the following:
- 1) The following costs and revenues for purchased power reflected in FERC Account 555, excluding (a) all charges under Midcontinent Independent System Operator, Inc. ("MISO") Schedules 10, 16, 17 and 24 (or any successor to those MISO Schedules), and (b) generation capacity charges for contracts with terms in excess of one (1) year. Such costs and revenues include:
 - A. MISO costs or revenues for MISO's energy and operating reserve market settlement charge types and capacity market settlement clearing costs or revenues associated with:
 - i. Energy;
 - ii. Losses;
 - iii. Congestion management:
 - a. Congestion;
 - b. Financial Transmission Rights; and
 - c. Auction Revenue Rights;
 - iv. Generation capacity acquired in MISO's capacity auction or market; provided such capacity is acquired for a term of one (1) year or less;
 - v. Revenue sufficiency guarantees;
 - vi. Revenue neutrality uplift;
 - vii. Net inadvertent energy distribution amounts;
 - viii. Ancillary Services:
 - a. Regulating reserve service (MISO Schedule 3, or its successor);
 - b. Energy imbalance service (MISO Schedule 4, or its successor);
 - c. Spinning reserve service (MISO Schedule 5, or its successor);
 - d. Supplemental reserve service (MISO Schedule 6, or its successor); and
 - e. Short-term reserve service;
 - ix. Demand response:
 - a. Demand response allocation uplift; and
 - b. Emergency demand response cost allocation (MISO Schedule 30, or its successor);
 - x. System Support Resource:
 - a. MISO Schedule 43K.

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APPLYING TO

MISSOURI SERVICE AREARIDER FACFUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And
Thereafter)

FAR DETERMINATION (Cont'd.)

- B. Non-MISO costs or revenues as follows:
- i. If received from a centrally administered market (e.g. PJM/SPP), costs or revenues of an equivalent nature to those identified for the MISO costs or revenues specified in subpart A of part 1 above;
 - ii. If not received from a centrally administered market:
 - a. Costs for purchases of energy; and
 - b. Costs for purchases of generation capacity, provided such capacity is acquired for a term of one (1) year or less; and
- C. Realized losses and costs (including broker commissions and fees) minus realized gains for financial swap transactions for electrical energy that are entered into for the purpose of mitigating price volatility associated with anticipated purchases of electrical energy for those specific time periods when the Company does not have sufficient economic energy resources to meet its native load obligations, so long as such swaps are for up to a quantity of electrical energy equal to the expected energy shortfall and for a duration up to the expected length of the period during which the shortfall is expected to exist.
- 2) Nine and 46/100 percent (9.46%) of transmission service costs reflected in FERC Account 565 and nine and 46/100 percent (9.46%) of transmission revenues reflected in FERC Account 456.1 (excluding costs or revenues under MISO Schedule 10, or any successor to that MISO Schedule). Such transmission service costs and revenues included in Factor PP include:

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

3) A. MISO costs and revenues associated with:

- i. Network transmission service (MISO Schedule 9 or its successor);
- ii. Point-to-point transmission service (MISO Schedules 7 and 8 or their successors);
- iii. System control and dispatch (MISO Schedule 1 or its successor);
- iv. Reactive supply and voltage control (MISO Schedule 2 or its successor);
- v. MISO Schedules 26, 26A, 26C, 26D, 26E, 26F, 37 and 38 or their successors;
- vi. MISO Schedule 33; and
- vii. MISO Schedules 41, 42-A, 42-B, 45 and 47;

B. Non-MISO costs and revenues associated with:

- i. Network transmission service;
- ii. Point-to-point transmission service;
- iii. System control and dispatch; and
- iv. Reactive supply and voltage control.

E = Costs and revenues for SO₂ and NO_x emissions allowances in FERC Accounts 411.8, 411.9, and 509, including those associated with hedging.

R = Net insurance recoveries for costs/revenues included in this Rider FAC (and the insurance premiums paid to maintain such insurance), and subrogation recoveries and settlement proceeds related to costs/revenues included in this Rider FAC.

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CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 72.5

APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

OSSR = Costs and revenues in FERC Account 447 for:

1. Capacity;
2. Energy;
3. Ancillary services, including:
 - A. Regulating reserve service (MISO Schedule 3, or its successor);
 - B. Energy Imbalance Service (MISO Schedule 4, or its successor);
 - C. Spinning reserve service (MISO Schedule 5, or its successor); and
 - D. Supplemental reserve service (MISO Schedule 6, or its successor);
 - E. Ramp capability service; and
 - F. Short-term reserve service;
4. Make-whole payments, including:
 - A. Price volatility; and
 - B. Revenue sufficiency guarantee;
5. Hedging; and
6. System Support Resource:
 - A. MISO Schedule 43K.

For purposes of factors FC, E, and OSSR, "hedging" is defined as realized losses and costs (including broker commissions and fees associated with the hedging activities) minus realized gains associated with mitigating volatility in the Company's cost of fuel, off-system sales and emission allowances, including but not limited to, the Company's use of futures, options and over-the-counter derivatives including, without limitation, futures contracts, puts, calls, caps, floors, collars, and swaps.

Notwithstanding anything to the contrary contained in the tariff sheets for Rider FAC, factors PP and OSSR shall not include costs and revenues for any undersubscribed portion of a permanent Community Solar Program resource allocated to shareholders under the approved stipulation in File No. ER-2021-0240.

Notwithstanding anything to the contrary contained in the tariff sheets for Rider FAC, factors FC, PP and OSSR shall not include costs and revenues for (a) amounts associated with portions of Power Purchase Agreements dedicated to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factor OSSR, (b) amounts associated with generation assets dedicated, as of the date BF was

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APPLYING TO

MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

determined, to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factor OSSR, (c) amounts associated with generation assets that began commercial operation after the date BF was determined and that were dedicated to specific customers under the Renewable Choice Program tariff or any subsequent renewable subscription program that is approved by the Commission in an order that acknowledges that such program's impacts should be excluded from Factors FC, PP, and OSSR when it began commercial operation, (d) for Renewable Energy Standard compliance included in Rider RESRAM, (e) amounts associated with energy purchased from the MISO market to serve digital currency mining by the Company, and (f) those amounts specified by Commission Order approving any tariff, rider or program, to be excluded from Rider FAC. Moreover, if a research and development ("R&D") project would impact the amounts for Factors FC, PP, or OSSR in an upcoming FAR filing, the Company shall file, in the docket in which this Rider FAC was approved, a notice outlining what the research and development project consists of, and how it will impact such factors in the upcoming FAR filing. The Company will bear the burden of proof to show that the impacts of the subject project should be included in Factors FC, PP, or OSSR, as the case may be. Such notice shall be filed no fewer than 60 days prior to the date of the subject FAR filing. Parties shall have thirty days after the filing of the notice to challenge the inclusion of the impacts of such project on such Factors in the determination of the FAR by stating the reasons for the challenge. If a party challenges the inclusion of a cost/revenue, the costs/revenue will be removed from the FAR until the Commission makes a determination regarding the inclusion of the cost/revenue. If the Commission orders a challenged cost be included in the FAC, the costs will be refunded or the revenues returned along with interest in the next periodic adjustment. For purposes of this Rider FAC, a "research and development project" is defined the same as "Research, Development, and Demonstration (RD&D)" as defined in 18 CFR Chapter 1, subchapter C, Part 101, Federal Power Act Definition 32.B, provided that if the project at issue consumes electricity only incidentally, it will not constitute a research and development project.

Should FERC require any item covered by factors FC, PP, E or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

B = $BF \times S_{AP}$

BF = The Base Factor, which is equal to the normalized value for the sum of allowable fuel costs (consistent with the term FC), plus cost of purchased power (consistent with the term PP), and emissions costs and revenues (consistent with the term E), less revenues from off-system sales (consistent with the term OSSR) divided by corresponding normalized retail kWh as adjusted for applicable losses. The normalized values referred to in the prior sentence shall be those values used to determine the revenue requirement in the Company's most recent rate case. The BF applicable to June through September calendar months (BFSUMMER) is \$0.01304 per kWh. The BF applicable to October through May calendar months (BFWINTER) is \$0.01397 per kWh.

S_{AP} = kWh during the AP that ended immediately prior to the FAR filing, as measured by taking the most recent kWh data for the retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node), but excluding kWh for research and development projects, the impact of which are challenged or ordered to be excluded by the Commission, plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).

S_{RP} = Applicable RP estimated kWh representing the expected retail component of the Company's load settled at its MISO CP node (AMMO.UE or successor node) but excluding kWh for research and development projects, the impact of which are challenged or ordered to be excluded by the Commission, plus the metered net energy output of any generating station operating within its certificated service territory as a behind the meter resource in MISO, the output of which served to reduce the Company's load settled at its MISO CP node (AMMO.UE or successor node).

I = Interest applicable to

- (i) the difference between ANEC and B for all kWh of energy supplied during an AP until those costs have been recovered;
- (ii) refunds due to prudence reviews ("P"), if any; and
- (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings ("TUP") provided for herein.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

FAR DETERMINATION (Cont'd.)

Interest shall be calculated monthly at a rate equal to the weighted average interest rate paid on the Company's short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

P = Prudence disallowance amount, if any, as defined below.

TUP = True-up amount as defined below.

The FAR, which will be multiplied by the Voltage Adjustment Factors (VAF) set forth below is calculated as:

$$FAR = FAR_{RP} + FAR_{(RP-1)}$$

where:

FAR = Fuel Adjustment Rate applied to retail customer usage on a per kWh basis starting with the applicable Recovery Period following the FAR filing.

FAR_{RP} = FAR Recovery Period rate component calculated to recover under- or over-collection during the Accumulation Period that ended immediately prior to the applicable filing.

FAR_(RP-1) = FAR Recovery Period rate component for the under- or over-collection during the Accumulation Period immediately preceding the Accumulation Period that ended immediately prior to the application filing for FAR_{RP}.

The Rate Component For the Individual Service Classifications shall be determined by multiplying the FAR determined in accordance with the foregoing by the following Voltage Adjustment Factors (VAF):

Secondary Voltage Service (VAF _{SEC})	1.0539
Primary Voltage Service (VAF _{PRI})	1.0222
High Voltage Service (VAF _{HV})	1.0059
Transmission Voltage Service (VAF _{TRANS})	0.9928

TRUE-UP

After completion of each RP, the Company shall make a true-up filing on the same day as its FAR filing. Any true-up adjustments shall be reflected in TUP above. Interest on the true-up adjustment will be included in I above.

The true-up adjustments shall be the difference between the revenues billed and the revenues authorized for collection during the RP.

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APPLYING TO

MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

GENERAL RATE CASE/PRUDENCE REVIEWS

The following shall apply to this FAC, in accordance with Section 386.266.4, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Commission order implementing or continuing this FAC. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this FAC, or any period for which charges hereunder must be fully refunded. In the event a court determines that this FAC is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this FAC to file such a rate case.

Prudence reviews of the costs subject to this FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in P above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in I above.

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC
FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

MISO Energy & Operating Reserve Market Settlement Charge Types and Capacity Market Charges and Credits

DA Asset Energy Amount;	RT Asset Energy Amount;
DA Congestion Rebate on Carve-out GFA;	RT Congestion Rebate on Carve-out GFA;
DA Congestion Rebate on Option B GFA;	RT Contingency Reserve Deployment Failure Charge Amount;
DA Financial Bilateral Transaction Congestion Amount;	RT Demand Response Allocation Uplift Charge;
DA Financial Bilateral Transaction Loss Amount;	RT Distribution of Losses Amount;
DA Loss Rebate on Carve-out GFA;	RT Excessive Energy Amount;
DA Loss Rebate on Option B GFA;	RT Excessive\Deficient Energy Deployment Charge Amount;
DA Non-Asset Energy Amount;	RT Financial Bilateral Transaction Congestion Amount;
DA Ramp Capability Amount;	RT Financial Bilateral Transaction Loss Amount;
DA Regulation Amount;	RT Loss Rebate on Carve-out GFA;
DA Revenue Sufficiency Guarantee Distribution Amount;	RT Miscellaneous Amount;
DA Revenue Sufficiency Guarantee Make Whole Payment Amount;	RT Ramp Capability Amount;
DA Short-term Reserve Amount;	Real Time MVP Distribution;
DA Spinning Reserve Amount;	RT Net Inadvertent Distribution Amount;
DA Supplemental Reserve Amount;	RT Net Regulation Adjustment Amount;
DA Virtual Energy Amount;	RT Non-Asset Energy Amount;
FTR Annual Transaction Amount;	RT Non-Excessive Energy Amount;
FTR ARR Revenue Amount;	RT Price Volatility Make Whole Payment;
FTR ARR Stage 2 Distribution;	RT Regulation Amount;
FTR Full Funding Guarantee Amount;	RT Regulation Cost Distribution Amount;
FTR Guarantee Uplift Amount;	RT Resource Adequacy Auction Amount;
FTR Hourly Allocation Amount;	RT Revenue Neutrality Uplift Amount;
FTR Infeasible ARR Uplift Amount;	RT Revenue Sufficiency Guarantee First Pass Dist Amount;
FTR Monthly Allocation Amount;	RT Revenue Sufficiency Guarantee Make Whole Payment Amount;
FTR Monthly Transaction Amount;	RT Schedule 49 Distribution;
FTR Yearly Allocation Amount;	RT Short-term Reserve Amount;
FTR Transaction Amount;	RT Spinning Reserve Amount;
	RT Spinning Reserve Cost Distribution Amount;
	RT Supplemental Reserve Amount;
	RT Supplemental Reserve Cost Distribution Amount;
	RT Virtual Energy Amount;
	Short-term Reserve Cost Distribution Amount;
	Short-term Reserve Deployment Failure Charge Amount;

MISO Transmission Service Settlement Schedules

MISO Schedule 1 (System control & dispatch);	MISO Schedule 41 (Charge to Recover Costs of Entergy Strom Securitization);
MISO Schedule 2 (Reactive supply & voltage control);	MISO Schedule 42A (Entergy Charge to Recover Interest);
MISO Schedule 7 & 8 (point to point transmission service);	MISO Schedule 42B (Entergy Credit associated with AFUDC);
MISO Schedule 9 (network transmission service);	MISO Schedule 45 (Cost Recovery of NERC Recommendation or Essential Action);
MISO Schedules 26, 26A, 37 & 38 (MTEP & MVP Cost Recovery);	MISO Schedule 47 (Entergy Operating Companies MISO Transition Cost Recovery);
MISO Schedules 26-C & 26-D - (TMEP Cost Recovery);	
MISO Schedules 26-E & 26-F (IMEP Cost Recovery);	
MISO Schedule 33 (Black Start Service);	

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

MISO Charge Types Which Appear On MISO Settlement Statements Represent Administrative Charges And Are Specifically Excluded From The FAC

DA Market Administration Amount;
 DA Schedule 24 Allocation Amount;
 FTR Market Administration Amount;
 Schedule 10 - ISO Cost Recovery Adder;

RT Market Administration Amount;
 RT Schedule 24 Allocation Amount;
 RT Schedule 24 Distribution Amount;
 Schedule 10 - FERC - Annual Charges Recovery;

PJM Market Settlement Charge Types

Auction Revenue Rights;
 Balancing Operating Reserve;
 Balancing Operating Reserve for Load Response;

 Balancing Spot Market Energy;
 Balancing Transmission Congestion;
 Balancing Transmission Losses;
 Capacity Resource Deficiency;
 Capacity Transfer Rights;
 Day-ahead Economic Load Response;
 Day-Ahead Load Response Charge Allocation;
 Day-ahead Operating Reserve;
 Day-ahead Operating Reserve for Load Response;
 Day-ahead Spot Market Energy;
 Day-ahead Transmission Congestion;
 Day-ahead Transmission Losses;
 Demand Resource and ILR Compliance Penalty;
 Emergency Energy;
 Emergency Load Response;
 Energy Imbalance Service;
 Financial Transmission Rights Auction;
 Generation Deactivation;
 Generation Resource Rating Test Failure;
 Inadvertent Interchange;
 Incremental Capacity Transfer Rights;
 Interruptible Load for Reliability;

Load Reconciliation for Inadvertent Interchange;
 Load Reconciliation for Operating Reserve Charge;
 Load Reconciliation for Regulation and Frequency Response Service;

 Load Reconciliation for Spot Market Energy;
 Load Reconciliation for Synchronized Reserve;
 Load Reconciliation for Synchronous Condensing;
 Load Reconciliation for Transmission Congestion;
 Load Reconciliation for Transmission Losses;
 Locational Reliability;
 Miscellaneous Bilateral;
 Non-Unit Specific Capacity Transaction;
 Peak Season Maintenance Compliance Penalty;
 Peak-Hour Period Availability;
 PJM Customer Payment Default;
 Planning Period Congestion Uplift;
 Planning Period Excess Congestion;
 Ramapo Phase Angle Regulators;
 Real-time Economic Load Response;
 Real-Time Load Response Charge Allocation;
 Regulation and Frequency Response Service;
 RPM Auction;
 Station Power;
 Synchronized Reserve;
 Synchronous Condensing;
 Transmission Congestion;
 Transmission Losses;;

PJM Transmission Service Charge Types

Black Start Service;
 Day-ahead Scheduling Reserve;
 Direct Assignment Facilities;
 Expansion Cost Recovery;
 Firm Point-to-Point Transmission Service;
 Internal Firm Point-to-Point Transmission Service;
 Internal Non-Firm Point-to-Point Transmission Service;
 Load Reconciliation for PJM Scheduling, System Control and Dispatch Service;
 Load Reconciliation for PJM Scheduling, System Control and Dispatch Service Refund;
 Load Reconciliation for Reactive Services;
 Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service;
 Network Integration Transmission Service;
 Network Integration Transmission Service (exempt);

Network Integration Transmission Service Offset;
 Non-Firm Point-to-Point Transmission Service;
 Non-Zone Network Integration Transmission Service;
 Other Supporting Facilities;
 PJM Scheduling, System Control and Dispatch Service Refunds;
 PJM Scheduling, System Control and Dispatch Services;
 Qualifying Transmission Upgrade Compliance Penalty;
 Reactive Supply and Voltage Control from Generation and Other Sources Service;
 Transmission Enhancement;
 Transmission Owner Scheduling, System Control and Dispatch Service;
 Unscheduled Transmission Service;
 Reactive Services;

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And Thereafter)

PJM Charge Types Which Appear On The Settlement Statements Represent Administrative Charges Are Specifically Excluded From The FAC

Annual PJM Building Rent;	Michigan - Ontario Interface Phase Angle Regulators;
Annual PJM Cell Tower;	North American Electric Reliability Corporation
FERC Annual Charge Recovery;	(NERC);
Load Reconciliation for FERC Annual Charge Recovery;	Organization of PJM States, Inc. (OPSI) Funding;
Load Reconciliation for North American Electric	PJM Annual Membership Fee;
Reliability Corporation (NERC);	PJM Settlement, Inc.;
Load Reconciliation for Organization of PJM States,	Reliability First Corporation (RFC);
Inc. (OPSI) Funding;	RTO Start-up Cost Recovery;
Load Reconciliation for Reliability First	Virginia Retail Administrative Fee;
Corporation (RFC);	
Market Monitoring Unit (MMU) Funding;	

SPP Market Settlement Charge Types

DA Asset Energy Amount;	Transmission Congestion Rights Annual Closeout;
DA Non-Asset Energy Amount;	Auction Revenue Rights Uplift;
DA Make-Whole Payment Distribution;	Auction Revenue Rights Monthly Payback;
DA Make-Whole Payment;	Auction Revenue Rights Annual Payback;
DA Virtual Energy;	DA Regulation Up;
DA Virtual Energy Transaction Fee;	DA Regulation Down;
DA Demand Reduction Amount;	DA Regulation Up Distribution
DA Demand Reduction Distribution Amount;	DA Regulation Down Distribution
DA GFA Carve-Out Daily Amount;	DA Spinning Reserve;
DA GFA Carve-Out Monthly Amount;	DA Spinning Reserve Distribution;
DA GFA Carve-Out Yearly Amount;	DA Supplemental Reserve;
GFA Carve Out Distribution Daily Amount;	DA Supplemental Reserve Distribution
GFA Carve Out Distribution Monthly Amount;	RT Regulation Up;
GFA Carve Out Distribution Yearly Amount;	RT Regulation Up Distribution;
RT Asset Energy Amount;	RT Regulation Down;
RT Over Collected Losses Distribution;	RT Regulation Down Distribution;
RT Miscellaneous Amount;	RT Regulation Out of Merit;
RT Non-Asset Energy;	RT Spinning Reserve Amount;
RT Revenue Neutrality Uplift;	RT Supplemental Reserve Amount;
RT Joint Operating Agreement;	RT Spinning Reserve Cost Distribution Amount;
RUC Make Whole Payment Distribution;	RT Supplemental Reserve Distribution Amount;
RUC Make Whole Payment;	RT Regulation Non-Performance;
RT Virtual Energy Amount;	RT Regulation Non-Performance Distribution;
RT Demand Reduction Amount;	RT Regulation Deployment Adjustment;
RT Demand Reduction Distribution Amount;	RT Contingency Reserve Deployment Failure;
Transmission Congestion Rights Daily Uplift;	RT Contingency Reserve Deployment Failure Distribution;
Transmission Congestion Rights Monthly Payback;	RT Reserve Sharing Group;
Transmission Congestion Rights Auction Transaction;	RT Reserve Sharing Group Distribution;
Transmission Congestion Rights Annual Payback;	RT Pseudo-Tie Congestion Amount;
Transmission Congestion Rights Funding;	RT Pseudo-Tie Losses Amount;
Auction Revenue Rights Annual Closeout;	RT Unused Regulation -Up Mileage Make Whole Payment;
Auction Revenue Rights Funding;	RT Ramp Capability Up Amount;
DA Remp Capability Up Amount;	RT Ramp Capability Down Amount;
DA Ramp Capability Down Amount;	RT Ramp Capability Up Distribution Amount;
DA Ramp Capability Up Distribution Amount;	RT Ramp Capability Down Distribution Amount;
DA Ramp Capability Down Distribution Amount;	RT Ramp Capability Non-Performance Distribution
RT Ramp Capability Non-Performance Amount;	Amount;
	RT Unused Regulation -Down Mileage Make Whole Payment;

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

FAC CHARGE TYPE TABLE (Cont'd.)

(Applicable To Service Provided On The Effective Date Of This Tariff Sheet And
Thereafter)

SPP Transmission Service Charge Types

- Schedule 1 - Scheduling, System Control & Dispatch Service;
- Schedule 2 - Reactive Voltage;
- Schedule 7 - Zonal Firm Point-to-Point;
- Schedule 8 - Zonal Non-Firm Point-to-Point;
- Schedule 11 - Base Plan Zonal and Regional;

SPP Charge Types Representing Administrative Charges Specifically Excluded From The

FAC

- Schedule 1A - Tariff Administrative Fee;
- Schedule 1A2 - Transmission Congestion Rights Administration
- Schedule 1A3 - Integrated Marketplace Clearing Administration
- Schedule 1A4 - Integrated Marketplace Facilitation Administration
- Schedule 12 - FERC Assessment;

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RIDER FAC

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE (Cont'd.)

(Applicable To services provided on XXXXXX through XXXXXX)

Calculation of Current Fuel Adjustment Rate (FAR) :

Accumulation Period Ending:

1.	Actual Net Energy Cost = (ANEC) (FC+PP+E+R -OSSR)		\$
2.	(B) = (BF x S _{AP})	-	\$
2.1	Base Factor (BF)		\$/kWh
2.2	Accumulation Period Sales (S _{AP})		kWh
3.	Total Company Fuel and Purchased Power Difference	=	\$
3.1	Customer Responsibility	x	95%
4.	Fuel and Purchased Power Amount to be Recovered	=	\$
4.1	Interest (I)	-	\$
4.2	True-Up Amount (TUP)	+	\$
4.3	Prudence Adjustment Amount (P)	±	\$
5.	Fuel and Purchased Power Adjustment (FPA)	=	\$
6.	Estimated Recovery Period Sales (S _{RP})	÷	kWh
7.	Current Period Fuel Adjustment Rate (FAR _{RP})	=	\$0.00000/kWh
8.	Prior Period Fuel Adjustment Rate (FAR _{RP-1})	+	\$0.00000/kWh
9.	Fuel Adjustment Rate (FAR)	=	\$0.00000/kWh

FAR Applicable to the Individual Service Classifications

10.	Secondary Voltage Adjustment Factor (VAF _{SEC})		1.0539
11.	Rate for Secondary Customers	=	\$0.00000/kWh
12.	Primary Voltage Adjustment Factor (VAF _{PRI})		1.0222
13.	Rate for Primary Customers	=	\$0.00000/kWh
14.	High Voltage Adjustment Factor (VAF _{HV})		1.0059
15.	Rate for High Voltage Customers	=	\$0.00000/kWh
16.	Transmission Adjustment Factor (VAF _{TRANS})		0.9928
17.	Rate for Transmission Customers	=	\$0.00000/kWh

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

4th Revised

SHEET NO. 75

APPLYING TO MISSOURI SERVICE AREA

RIDER B

DISCOUNTS APPLICABLE FOR SERVICE TO SUBSTATIONS OWNED
BY CUSTOMER IN LIEU OF COMPANY OWNERSHIP

Where a customer served under rate schedules 4 (M) or 11 (M) takes delivery of power and energy at a delivery voltage of 34kV or higher, Company will allow discounts from its applicable rate schedule as follows:

- *1. A monthly credit of \$1.43/kW of billing demand for customers taking service at 34.5 or 69kV.
- *2. A monthly credit of \$1.69/kW of billing demand for customers taking service at 115kV or higher.

*Indicates Change.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 7th Revised SHEET NO. 88

CANCELLING MO.P.S.C. SCHEDULE NO. 6 6th Revised SHEET NO. 88

APPLYING TO MISSOURI SERVICE AREA

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4th Revised

SHEET NO. 88.1

APPLYING TO

MISSOURI SERVICE AREA

*

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*Indicates Change.

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ISSUED BY Mark C. Birk
NAME OF OFFICER

Chairman & President
TITLE

St. Louis, Missouri
ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

3rd Revised

SHEET NO. 88.2

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

2nd Revised

SHEET NO. 88.2

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

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

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SHEET NO. 88.4

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

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 89.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 89.4

APPLYING TO MISSOURI SERVICE AREA

RIDER CSP
COMMUNITY SOLAR PROGRAM (Cont'd.)

SOLAR ENERGY RATES

Subject to the Program Provisions and Special Terms:

Residential Service 1(M)	
Solar Generation Rate	\$ 0.XXXX
*Facilities Rate	\$ 0.0811
Community Solar Energy Rate	\$ 0.XXXX

Small General Service 2(M)	
Solar Generation Rate	\$ 0.XXXX
*Facilities Rate	\$ 0.0646
Community Solar Energy Rate	\$ 0.XXXX

* Indicates Change.

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CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 91.19

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)
For MEEIA 2019-21 Plan

*** TD DETERMINATION (Cont'd.)**

NMR = Net Margin Revenue. NMR values for each applicable Service Classification and by End Use Category where applicable are as follows:

Month	Service Classifications	
	1 (M) Res \$/kWh	2 (M) SGS \$/kWh
January	0.063322	0.070086
February	0.063749	0.069882
March	0.067869	0.076239
April	0.068230	0.078812
May	0.071523	0.085171
June	0.144980	0.124657
July	0.144988	0.124657
August	0.144942	0.124657
September	0.144929	0.124657
October	0.068004	0.079079
November	0.071480	0.080957
December	0.066321	0.075319

Month	MISC./AIR COMP./ PROCESS/MOTORS			COOLING			EXT LIGHTING		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.047590	0.047044	0.034193	0.045543	0.044952	0.023993	0.034947	0.033942	0.025857
February	0.048238	0.047725	0.032219	0.047309	0.045658	0.023993	0.035539	0.032489	0.025404
March	0.050330	0.049090	0.033994	0.049065	0.046967	0.023993	0.036685	0.033457	0.024262
April	0.050490	0.049864	0.033016	0.061310	0.059678	0.033961	0.038091	0.034350	0.025360
May	0.052756	0.051754	0.036929	0.068915	0.071727	0.055031	0.037909	0.033552	0.024270
June	0.098189	0.095440	0.070173	0.124012	0.125806	0.103050	0.063604	0.054658	0.029324
July	0.094682	0.092544	0.067333	0.115593	0.114750	0.079454	0.061516	0.053709	0.028628
August	0.097081	0.093761	0.066362	0.120846	0.120604	0.087598	0.062319	0.054383	0.029385
September	0.096338	0.092889	0.065755	0.127459	0.130504	0.099938	0.064674	0.054512	0.029292
October	0.051117	0.050543	0.040890	0.064981	0.064932	0.039506	0.036841	0.033239	0.024270
November	0.051935	0.051256	0.038409	0.062943	0.052459	0.023993	0.037488	0.033291	0.024022
December	0.049376	0.047336	0.035298	0.049224	0.047335	0.023993	0.036192	0.032832	0.024197

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CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 91.20

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)
For MEEIA 2019-21 Plan

* **TD DETERMINATION (Cont'd.)**

Month	HVAC/BUILDING SHELL			LIGHTING			REFRIG.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.051742	0.054808	0.040236	0.050059	0.049922	0.036031	0.045623	0.044666	0.032398
February	0.053477	0.054134	0.036744	0.050382	0.050250	0.033164	0.046127	0.045170	0.030793
March	0.057247	0.055839	0.036945	0.052823	0.052024	0.035133	0.048038	0.047682	0.033622
April	0.054023	0.052836	0.033432	0.053778	0.054093	0.035363	0.049153	0.048367	0.032638
May	0.059969	0.061174	0.045546	0.056005	0.055731	0.039674	0.050612	0.049130	0.035127
June	0.122752	0.124326	0.101579	0.104266	0.102588	0.077194	0.093800	0.090278	0.066153
July	0.115007	0.114089	0.078911	0.100474	0.098313	0.072046	0.090317	0.087250	0.060115
August	0.120062	0.119719	0.086820	0.103060	0.100523	0.070828	0.092777	0.088890	0.060985
September	0.122134	0.124083	0.094133	0.099183	0.096337	0.069022	0.092120	0.087776	0.060907
October	0.057095	0.057300	0.039728	0.054249	0.054344	0.045087	0.049046	0.048029	0.038520
November	0.057494	0.054896	0.047231	0.054457	0.054552	0.040210	0.049786	0.048685	0.035776
December	0.053184	0.053485	0.034175	0.051101	0.049304	0.036243	0.047382	0.044926	0.033682

Month	COOK.			DHW			HEAT.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.049035	0.047929	0.033790	0.048446	0.046485	0.032344	0.049420	0.052047	0.040236
February	0.049366	0.048978	0.031924	0.048498	0.047905	0.030767	0.050909	0.051135	0.036763
March	0.051468	0.052547	0.036733	0.050087	0.051581	0.035827	0.055107	0.053469	0.037374
April	0.054084	0.054383	0.036080	0.053277	0.053397	0.035372	0.052828	0.051654	0.036317
May	0.055616	0.055262	0.039372	0.054994	0.054492	0.038828	0.052321	0.051004	0.035314
June	0.105749	0.104335	0.079532	0.105630	0.104194	0.082231	0.062936	0.053868	0.028525
July	0.101690	0.099918	0.067248	0.101691	0.098415	0.063982	0.060878	0.052914	0.028525
August	0.104685	0.102360	0.070697	0.104586	0.102248	0.069757	0.061522	0.053619	0.028525
September	0.102558	0.100426	0.072744	0.101163	0.098737	0.071217	0.099467	0.096682	0.069348
October	0.053855	0.053857	0.044396	0.053257	0.053130	0.044358	0.051267	0.051051	0.042648
November	0.054123	0.054739	0.038454	0.053692	0.053963	0.037144	0.053621	0.050493	0.048319
December	0.051245	0.048665	0.037433	0.050892	0.047689	0.036958	0.050119	0.050074	0.034180

Month	OFFICE			VENT		
	3M	4M	11M	3M	4M	11M
January	0.047590	0.047392	0.034712	0.045441	0.045397	0.033038
February	0.047936	0.047354	0.032149	0.046012	0.044992	0.030839
March	0.049926	0.048767	0.033752	0.047888	0.046649	0.032272
April	0.050357	0.049742	0.032958	0.049347	0.048501	0.032553
May	0.052580	0.051536	0.036769	0.051097	0.049721	0.035513
June	0.095826	0.092662	0.067226	0.093222	0.089597	0.064371
July	0.092492	0.090148	0.066183	0.090606	0.088026	0.063722
August	0.094764	0.091139	0.064374	0.092837	0.088957	0.062564
September	0.092641	0.088407	0.061506	0.091369	0.086866	0.060044
October	0.050960	0.050359	0.040717	0.049528	0.048622	0.039008
November	0.051505	0.050545	0.037932	0.049297	0.047579	0.035156
December	0.048541	0.046562	0.033968	0.047605	0.045784	0.033419

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

5th Revised

SHEET NO. 92.3

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

4th Revised

SHEET NO. 92.3

APPLYING TO _____

MISSOURI SERVICE AREA

RIDER SSR

STANDBY SERVICE RIDER (Cont'd.)

*STANDBY RATE			
	Large General Service	Small Primary Service	Large Primary Service
Standby Fixed Charges			
Administrative Charge	\$225.00/month	\$225.00/month	\$225.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.88/kW	\$0.88/kW	\$1.04/kW
Facilities Charge per month per kW of Contracted Standby Demand:			
Summer	\$5.67/kW	\$4.66/kW	\$4.66/kW
Winter	\$1.48/kW	\$1.05/kW	\$1.05/kW
Daily Standby Demand Rate – Summer			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.04/kW	\$0.04/kW	\$1.25/kW
Maintenance	\$0.02/kW	\$0.02/kW	\$0.63/kW
Daily Standby Demand Rate - Winter			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.02/kW	\$0.02/kW	\$0.59/kW
Maintenance	\$0.01/kW	\$0.01/kW	\$0.29/kW
Back-Up Energy Charges – Summer			
kWh in excess of Supplemental Contract Capacity			
Energy ⁽¹⁾	12.85¢/kWh	12.40¢/kWh	4.16¢/kWh
On-Peak Energy ⁽²⁾	13.99¢/kWh	13.24¢/kWh	4.80¢/kWh
Off-Peak Energy ⁽²⁾	12.06¢/kWh	11.85¢/kWh	3.79¢/kWh
Back-Up Energy Charges – Winter			
kWh in excess of Supplemental Contract Capacity			
Energy ⁽¹⁾	8.06¢/kWh	7.81¢/kWh	3.80¢/kWh
On-Peak Energy ⁽²⁾	8.41¢/kWh	8.12¢/kWh	4.09¢/kWh
Off-Peak Energy ⁽²⁾	7.84¢/kWh	7.62¢/kWh	3.63¢/kWh
High Voltage Facilities Charge Discount			
Facilities Charge Credit per month per kW of Contracted Standby Demand			
@ 34.5 or 69kV	N/A	\$1.43/kW	\$1.43/kW
@ 115kV or higher	N/A	\$1.69/kW	\$1.69/kW

(1) Applicable to customers not on TOD rates.

(2) Applicable to customers on TOD rates for its non-back-up energy charges.

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APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

I. GENERAL PROVISIONS (Cont'd.)

B. DEFINITIONS (Cont'd.)

13. Energy Charge

A rate component of a customer's monthly bill for electric service, applicable to metered or otherwise established electric energy consumption in kilowatt-hours, which recovers the variable operating costs incurred by the Company in supplying the customer's kilowatt-hours, e.g., fuel, fuel handling and purchased power expenses and variable production plant operating and maintenance expenses, as well as any additional non-variable costs not recovered in the customer and demand charges which may be applicable.

14. Kilowatt

The basic unit of customer electric power consumption (or demand) at any point in time, based upon the following relationship:

$$\text{Kilowatts} = (\text{Volts} \times \text{Amperes} \times \text{Power Factor}) / 1000$$

15. Kilowatt-hour

The basic unit of customer electric energy consumption, equivalent to an average of one kilowatt of power utilized for a period of one hour.

16. Load

The customer's electric power requirements in kilowatts, which must be supplied at various voltage levels on the Company's distribution system at the time and in the magnitude required by customer's operating characteristics.

17. Meter

A device or devices used for measuring the kilowatt-hours, kilowatts and other characteristics of a customer's electric consumption, as required by the applicable provisions of customer's rate.

18. Metering Voltage

The voltage level at which the service provided by the extension of the distribution system to the Company's designated point of delivery on customer's premises, is actually metered.

19. Net Revenue

Revenue received or to be received from customer for electric service provided by Company, exclusive of all sales or revenue related taxes.

* 20. Non-Standard Meter

A meter that lacks remote communication capabilities and requires manual reading through an on-site visit to the customer's premises as opposed to Standard AMI or AMR Meters that transmit meter readings over a communication network.

*Indicates Addition.

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APPLYING TO

MISSOURI SERVICE AREA**GENERAL RULES AND REGULATIONS****I. GENERAL PROVISIONS (Cont'd.)***** B. DEFINITIONS (Cont'd.)**21. Non-Standard Service

Service at voltages, frequencies or other conditions which are no longer offered by the Company for new installations.

22. Obstruction

Obstruction of service shall include, but not be limited to, any act or instance of tampering with or bypassing the Company's meter, or any diversion of service, or any unauthorized use of or interference with the Company's provision of service situated or delivered on or about customer's premises.

23. Power Factor

The ratio of a customer's real power requirements (kilowatts) to a customer's apparent power requirements (kilovolt amperes) or (volts X amperes)/1000.

24. Premises

A contiguous tract of land, undivided by a public right-of-way, where all buildings and/or electric consuming devices located thereon are owned or occupied by a single customer or applicant for electric service, or where all electricity delivered thereto is utilized to supply one or more buildings and/or other electrical loads which the Company considers as components of a unified operation.

25. Primary Service

Service provided to customer at a delivery voltage of 2,400 volts or higher.

26. Revenue Taxes

Gross receipts, State sales, or other similar taxes applicable to bills rendered to customer by Company for electric service.

27. Seasonal Revenue

Revenue derived from the application of the Company's seasonal energy and/or demand rates during the eight monthly billing periods of October through May for any given customer.

28. Secondary Service

Service provided to customer at a delivery voltage of 600 volts or less.

29. Service Facilities

Conductors, including conduit if applicable, which consist of the secondary voltage portion of the distribution system extended by Company or customer from the low voltage side of the primary/secondary voltage transformer to provide electric service to the point of delivery of the electric service, designated by Company for connection to an individual customer.

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APPLYING TO

MISSOURI SERVICE AREAGENERAL RULES AND REGULATIONSI. GENERAL PROVISIONS (Cont'd.)* B. DEFINITIONS (Cont'd.)30. Special Facilities

Facilities requested by customer, or otherwise specified by local law, which are in addition to, or to be substituted for, the standard distribution facilities which would normally be specified and provided by Company for the electrical load to be served.

31. Subdivision

A lot, tract, or parcel of land divided into two or more lots, plots, sites, or other divisions for use for two or more new residential buildings or the land on which is constructed new residential multiple occupancy buildings per a recorded plat thereof if such recordation is required by law.

32. Substation

Equipment at individual locations, which is designed for switching, changing or regulating the voltage of the Company's electrical supply system interconnected with the substation.

33. Tariffs

Documents filed with the Commission specifying the lawful rates and other charges, riders and rules and regulations under which the Company is required to provide service to its customers.

34. Temporary Service

Extensions by Company for non-permanent service such as, for example, construction or seasonal operations, Christmas tree lots, carnivals, various festivals, etc., or for service to any other customer not taking and paying for such service for the minimum number of consecutive billing periods specified as the initial term in the Company's applicable tariff schedule.

35. Termination of Service

The cessation of electric service at the request of the customer when not otherwise required by Company.

36. Transformer

An element of the Company's transmission or distribution system whose function is to change (normally reduce) the voltage of the electric conductors to which it is connected.

37. Transmission System

Company lines and substations, normally operating at voltages of 138,000 volts or higher, which transfer bulk electrical power from generating stations or other sources of supply to principal connection points on the Company's distribution system or to other interconnected utility systems.

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APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

I. GENERAL PROVISIONS (Cont'd.)

*** B. DEFINITIONS (Cont'd.)**

38. Voltage

The potential in an electrical system, measured in volts, normally ranging from 120 to 69,000 volts on the Company's distribution system and 138,000 volts and higher on the Company's transmission system.

C. APPLICATION FOR SERVICE

Any customer requesting electric service within Company's authorized service area will provide Company with appropriate information regarding the quantity and characteristics of the anticipated electric consumption and location of the premises to be served. Appropriate personal customer identification may also be required at the request of the Company. Customer or customer's agent shall select the rate, and any applicable riders, from the Company's currently applicable rate schedules, for which customer qualifies at that time. All electric service will be supplied subject to the provisions of the Company's tariffs applicable to the service requested and these rules and regulations, provided customer agrees to the use of the service supplied by Company for the minimum term specified in the tariff applicable to customer's electric service. Customers desiring electric service for periods less than the term specified in the applicable tariff must contract for such service under Company's Rider D.

*The Company shall not be required to commence supplying service to a customer, or if commenced the Company may disconnect such service, if at the time of application such customer or any member of his household (who have both received benefit from the previous service) is indebted to the Company for the same class of service previously supplied at such premises or any other premises until payment of, or satisfactory payment arrangements for, such indebtedness shall have been made. Company will inform the prospective customer of the refusal of service in writing and maintain a record of the notice.

D. FORM OF SERVICE PROVIDED

1. Service to New Premises - Company will normally supply overhead electric service consisting of one single phase and/or one three phase secondary voltage service or one primary voltage service of adequate capacity to customer's premises, at a single delivery point designated by Company, unless more than one primary voltage electrical supply is specified by Company for engineering, economic or other reasons. Company may, however, agree to supply additional electrical supply facilities, requested by customer, when justified by valid Company engineering considerations, based upon the applicable provisions of Section III of these rules. Where such additional supply facilities are provided at customer's request after May 5, 1990, any multiple metering required to accommodate such additional facilities will not be cumulated for billing purposes.

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NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

IV. MEASUREMENT OF SERVICE (Cont'd.)

C. MULTIPLE METERED ACCOUNT BILLING

Where more than one meter is installed for metering the premises of an individual account in accordance with paragraphs A and B above, the sum of each watthour meter's kilowatt-hour usage and each demand meter's individual maximum non-simultaneous kilowatt demand will be used for billing purposes. Under all circumstances involving multiple metered accounts, any alternating current watthour meter registering zero usage in a given billing month shall be subject to the monthly charge for three phase meters, specified in paragraph B of this Section IV, during each month of zero usage.

D. METER INSPECTIONS AND TESTING

Company's meters shall be inspected and tested for accuracy in accordance with applicable Missouri Public Service Commission Rules. If customer requests a meter test within 12 months of any previous testing of such meter, a standard charge based on meter type will be assessed for meters found to have an average meter error of 2 percent or less.

*** E. REMOTE METER READING OPT-OUT**

Customers receiving service under the Residential Anytime Service rate have the option of refusing the installation of remotely read metering or requesting the removal of previously installed remotely read metering. In such instances, non-standard metering equipment will be installed that requires a manual meter read. Customers requesting non-standard metering service after April 1, 2017 will be charged a one-time setup charge and a monthly recurring Non-Standard Meter Charge. Charges are listed on Sheet No. 63, Miscellaneous Charges. Charges shall not be applicable to customers who have not been offered remote metering equipment by the Company due to geographic or similar considerations.

Remote Meter Reading Opt-Out is not available for residential customers that are receiving service under any of the following rates: 1) any residential rate option other than Anytime Service, 2) Electric Power Purchases from Qualifying Facilities, or 3) Electric Power Purchases from Qualified Net Metering Facilities.

To the extent that a customer denies access to property through verbal denial or threats of violence, or fails to establish a suitable time for access or allow access, customer will be notified, in writing, that failure to provide access to install remotely read metering equipment will result in customer being considered an opt-out customer not sooner than 30 days after Company's notice. Company's notification will include charges that will be added to the customer's bill as listed on Sheet No. 63, miscellaneous charges and provide information for the customer to understand the financial impact of opt-out status. Prior to deeming a residential customer to have accepted opt-out status, Company shall follow the notice procedures found in 20 CSR 4240-13.035(1) (C), with the exception of 20 CSR 4240-13.035(1) (C)2.B.

* Indicates Change.

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ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

VI. DEPOSIT PRACTICES

A. RESIDENTIAL CUSTOMERS

1. Deposit Requirements For Initial Service

Company may, as a condition to furnishing service initially, require any applicant for residential service to make a cash deposit or furnish a written guarantee of a responsible party, due to any of the following:

- a. The applicant has an unpaid bill, which accrued within the last five (5) years and at the time of the request for service, remains unpaid and not in dispute with a utility for the provision of the same type of service; or
- b. The applicant has, in an unauthorized manner, within the past five (5) years prior to applying for service, interfered with or diverted the service of a utility in the provision of the same type of service; or
- * c. The applicant has an Equifax Advanced Energy Risk Score (EAER Score) of 699 or lower. Those customers without an EAER Score will not be assessed a deposit under this subsection; or
- d. The customer fails to provide proof of identity upon request. Proof of identity is to include official picture identification or other verifiable documentation of identity, and correct social security number.

2. Deposit Requirements For Continued Service or Re-established Service

Company may, as a condition of continued or re-established service, require any residential customer to make a cash deposit or furnish a written guarantee of a responsible party, due to any of the following:

- a. The service of the customer has been disconnected for nonpayment of a delinquent account not subject to a bona fide dispute, or
- b. The customer has in an unauthorized manner tampered with the Company's facilities or interfered with or diverted the service of Company situated on or about or delivered to the customer's premises, or
- c. The customer has failed to pay an undisputed bill on or before the delinquency date for five billing periods out of twelve consecutive billing periods, except:

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VII. DISCONNECTION AND RECONNECTION OF SERVICE (Cont'd.)

B. NOTICE OF INTENT TO DISCONNECT RESIDENTIAL SERVICE (Cont'd.)

equipment registry, medical hardship payment deferrals, third-party notification, payment options and how to contact energy assistance agencies will also be printed on all residential disconnect notices beginning when Company's remote disconnect functionality becomes operational.

1. Individual Residential Customer Premises

Said notice will be sent to the customer by first class mail not less than ten (10) days prior to the date of the proposed disconnection or delivered to customer not less than 96 hours prior to such date.

* 2. Single Metered Multi-Dwelling Unit Residential Buildings

At least ten (10) days prior to disconnection of service for nonpayment of a bill or deposit at a multi-dwelling unit residential building at which usage is measured by a single meter, notices of the Company's intent to disconnect will be conspicuously posted in public areas of the building. Such notices will not be required, however, if the Company is not aware that said structure is a single metered multi-dwelling unit residential building or in individual situations where the safety of the Company's employees or agents may be a consideration.

* 3. Individually Metered Multi-Dwelling Unit Residential Buildings

At least ten (10) days prior to disconnection of service for nonpayment of a bill or deposit at (a) a multi-dwelling unit residential building where each unit is individually metered, but a single customer is responsible for payment for service in all units in the building, or at (b) a residence in which the occupant using the Company's service is not the Company's customer, the occupant(s) shall be given written notice of the Company's intent to disconnect service, provided however, that such notice will not be required unless one (1) occupant has advised the Company, or the Company is otherwise aware, that he is not the customer. The notice will outline the procedure by which the occupant may apply in his or her name for service of the same character received through that meter.

4. Medical Equipment Registry Accounts

For all of the items 1. through 3. above, where the account has enrolled as described below in Medical Equipment Registry, said notice will be sent not less than fifteen (15) days prior to the date of the proposed disconnection and an additional notice will be sent by certified mail at least seven (7) days prior to the date of the proposed disconnection.

*Indicates Change.

APPLYING TO

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GENERAL RULES AND REGULATIONS

VII. DISCONNECTION AND RECONNECTION OF SERVICE (Cont'd.)

F. DELAY OF DISCONNECTION FOR MEDICAL REASONS

The Company will postpone the disconnection of service to a residential customer for a time not in excess of 21 days if the Company is advised the disconnection will aggravate an existent medical emergency of the customer, a member of his family or other permanent resident of the premises. The Company may require a customer to provide satisfactory evidence that a medical emergency exists before postponing the disconnection of service.

***G. AVOIDANCE OF DISCONNECTION OF SERVICE**

Disconnection of electric service will not be performed if, on or before the date specified in the notice of intent to disconnect, the customer shall:

1. (a) Make good the default by paying such bills for service, or make arrangements satisfactory to Company, therefor, (b) make or restore such deposit, (c) give Company representatives such access, or (d) cure such violation of rules and regulations, as the case may be; and
2. Pay the expenses incurred by Company in detecting and confirming obstruction of electric service. Such expenses will include, but not be limited to all unmetered service as estimated by Company, special equipment necessary to detect the violation (such as check meter), equipment necessary to prevent future violations, labor and materials necessary to test, change, move or install new meters or other equipment and the cost of any rebilling, as applicable.

H. DISCONNECTION OR INTERRUPTION OF SERVICE WITHOUT PRIOR NOTICE

Company shall have the right to disconnect or interrupt service without prior notice for reasons of obstruction; maintenance, health, safety or state of emergency, or in cases where Company is directed to interrupt service by a governmental agency or officer. In such cases Company will make a reasonable effort to inform customer of the reasons for disconnection or interruption of service.

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ISSUED BY Mark C. Birk
NAME OF OFFICER

Chairman & President
TITLE

St. Louis, Missouri
ADDRESS

GENERAL RULES AND REGULATIONS

VII. DISCONNECTION AND RECONNECTION OF SERVICE (Cont'd.)

I. RECONNECTION OF SERVICE

In the event Company disconnects service, in addition to customer's continuing liability for all indebtedness then owed by customer to Company for service supplied at customer's current location and for similar service supplied at any other location of customer, customer shall also be liable for and shall also pay Company for the expenses incurred by Company in detecting and confirming the violation which occasioned such disconnection of electric service. In the event any such disconnected customer, or anyone acting for him, thereafter desires to receive service from Company by reconnection at the same location or at any other location, the payment to Company of the aforesaid liabilities and the payment to Company of each of the following items, as applicable, or the making of arrangements satisfactory to Company therefore, shall be conditions precedent to such reconnection or connection:

1. The charge for reconnection of service indicated on Sheet No. 63, Miscellaneous Charges, for each connection point.
2. Any deposit which may be required by Company under its applicable rules and regulations; and,
3. The cost of facilities or changes Company deems necessary or appropriate in order to prevent, insofar as possible, any future violation by customer of the rules and regulations of the Company as well as the cost of rebilling, as applicable.

*** J. MEDICAL EQUIPMENT REGISTRY**

Company will maintain a medical equipment registry of customers whose health situation requires the availability of electric service to operate certain medically necessary equipment. Information regarding eligible equipment and how to register will be available by calling Company or, as soon as practical, through an online web page. MER customers that would otherwise be subject disconnection will first receive a service extender for approximately 20-30 days before a disconnection notice is issued. The service extender allows the customer to receive sufficient power to run the MER eligible equipment listed on the account.

*Indicates Change.

APPLYING TO MISSOURI SERVICE AREA

COMMUNITY SOLAR PILOT PROGRAM (Cont'd.)

PROGRAM PROVISIONS AND SPECIAL TERMS (Cont'd.)

- 8. Any customer being served or having been served on this Program waives all rights to any billing adjustments arising from a claim that the customer's service would be at a lower cost had the customer not participated in the Program for any period of time.
- 9. If a customer moves to another location within the Company's Missouri service territory the customer's subscription will also transfer.
- 10. Subscription cancelations will result in available Solar Blocks going back into the Solar Availability Bank. Any surplus of kWh from Solar Blocks will be forfeited back into the Solar Availability Bank without any monetary reimbursement to subscriber.
- 11. After the expiration of any two-year commitment as provided for in paragraph 4.B, customers that subscribe will continue as Program participants until they cancel their subscription or the Program is terminated, whichever occurs first. For enrollments occurring 20 or more days before a customer's next billing cycle, enrollment fees or refunds of participation fees, if otherwise allowed hereunder, shall be charged or credited, as appropriate, via the customer's bill in that next billing cycle; otherwise, in the second billing cycle after enrollment or withdrawal.
- 12. Any customer who terminates Program participation must wait three (3) months after the first billing cycle without a subscription to re-enroll in the Program.
- * 13. Customers with Net Metering agreements and customers served on Time-of-Use Service rate schedules other than the Residential Evening/Morning rate schedule are ineligible for the Program.
- 14. Program participants may transfer their subscription to the Community Solar Program (Rider CSP) when a Rider CSP program resource is available for subscription. The solar energy associated the Solar Blocks of a transferring customer's subscription will be converted to an equivalent number of kWh for subscription under Rider CSP.

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 Program.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

M.O.P.S.C. SCHEDULE NO. 6

3rd Revised

SHEET NO. 158.4

CANCELLING M.O.P.S.C. SCHEDULE NO. 6

2nd Revised

SHEET NO. 158.4

APPLYING TO MISSOURI SERVICE AREA

SOLAR BLOCK MONTHLY CHARGES

Subject to the Program Provisions and Special Terms set forth below:

Solar Block Charges for a 100 kWh Block

<u>Service Classification</u>	<u>Residential</u> <u>Service</u> <u>1 (M)</u>	<u>Small</u> <u>General</u> <u>Service</u> <u>2 (M)</u>
Solar Generation Charge	\$ 8.51	\$ 8.51
*Total Facilities Charge	<u>\$ 4.18</u>	<u>\$ 3.03</u>
*Total Solar Block Charge	\$ 12.69	\$ 11.54

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APPLYING TO MISSOURI SERVICE AREA

PILOTS, VARIANCES AND PROMOTIONAL PRACTICES

F. VOLUNTARY ELECTRONIC BILL RENDERING AND PAYMENT PROGRAM

AVAILABILITY

This program will be made available on a voluntary basis to customers who are billed under Service Classifications No. 1(M) or No. 2(M) with postcard billing (i.e., not required to have demand metering) provided customer has access to a personal computer and the Internet.

*** GENERAL DESCRIPTION**

Paperless Billing is a free and voluntary electronic bill rendering program. The Company's customers who choose affirmative election ("program participants") agree that the Company will deliver a digital copy of their bill to the program participant instead of mailing or hand-delivering the bill. As part of the program, program participants will receive a monthly email with a link to view and pay their bill. Digital accessibility to the bill is available on the company's website at Ameren.com. To view a digital copy of their bill, any Company customer, including program participants, can create and log in to their secure online account at Ameren.com where they can view and/or print copies of their bills. Program participants may also choose to receive Paperless Billing text alerts on their mobile phone. Text alerts contain summary information about their monthly bill, including a link to view their bill on Ameren.com. In addition, bill information, including PDF links of current and prior bills, is available to any Company customer, including program participants, who downloads and uses the Ameren Mobile app. There is no fee for making payments online or via the Ameren Mobile App. Company customers, including program participants, can choose to receive their paperless bill at their bank's website if the bank uses Fiserv/CheckFree as their backend processor. In addition, program participants may pay their bill via any of the available payment options currently offered by the Company to any of its customers. Standard billing and payment terms and conditions apply to program participants.

CUSTOMER COST

Neither the Company nor the vendor will require the customer to pay any fee for participation in this program.

TERM

Customers may terminate participation in this program at any time.

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