

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 53

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 53

APPLYING TO MISSOURI SERVICE AREA

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DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 54

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 54

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-BASIC
BASIC RESIDENTIAL SERVICE

***AVAILABILITY**

This rate is applicable to all residential Customers that are not receiving service 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.

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

Customer Charge - per month	\$11.00
Low-Income Pilot Program Charge - per month	\$0.04
Energy Charge - per kWh	11.51¢

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

Customer Charge - per month	\$11.00
Low-Income Pilot Program Charge - per month	\$0.04
Energy Charge - per kWh	
First 750 kWh	8.00¢
Over 750 kWh	5.51¢

*Indicates Addition.

**Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 54.1CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 54.1APPLYING TO MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 1(M) R-BASIC
BASIC RESIDENTIAL SERVICE (Cont'd.)ADJUSTMENTS

The bill will include the followings adjustments:

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

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

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

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.

*SERVICE DETAILS

1. Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.
2. Term of Use. Initial period one (1) year, terminable thereafter on three (3) days' notice.
3. Character of Service Supplied. Company will specify and supply one standard single-phase and, for additional residential requirements, one three-phase secondary service voltage under this Service Classification, which service will be cumulated for billing purposes. Unless otherwise required for Company's engineering or other reasons, any additional service requested by customer will be provided, subject to the Company's approval, under the provisions of Section III - Special Facilities. Such additional service, if any, supplied through facilities installed on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.
4. Temporary Service. Temporary service requested for residential use will be supplied under the terms and conditions set forth under Rider D.
5. Residential Service Rate Not Applicable To:
 - a. Service supplied through one meter (or more than one meter if the readings thereof are cumulated for billing purposes) to:
 - (1) Premises which consist of one or more dwelling units and a commercial unit or
 - (2) A residence or dwelling unit when any portion of such service is used in a commercial venture.

*Indicates Reissue.

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NAME OF OFFICER TITLE ADDRESS

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

2nd Revised

SHEET NO. 54.2

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

1st Revised

SHEET NO. 54.2

APPLYING TO

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-BASIC
BASIC RESIDENTIAL SERVICE (Cont'd.)

*SERVICE DETAILS (Cont'd.)

As used herein, the term "dwelling unit" shall mean that portion of a building which by appearance, design or arrangement is normally used for residential purposes by a single family, whether or not actually occupied, and the term "commercial unit" shall mean that portion of a building or premises which by appearance, design or arrangement is normally used for commercial purposes, whether or not actually so used.

- b. Establishments in farming areas processing, distributing or selling farm or other products which do not originate through production on the premises served.
 - c. Separate buildings or other structures intended and/or used for recreational or group activities.
 - d. Nursing homes and/or retirement facilities licensed by the State of Missouri Department of Social Services Division of Aging.
 - e. Single-metered service supplied to multiple occupancy buildings for which a Commission variance, from the separate metering requirement contained in Section V.L. Rent Inclusion of the Company's rules and regulations, has been granted.
6. General Rules and Regulations. In addition to the above specific rules and regulations, all of Company's General Rules and Regulations shall apply to the supply of service under this rate.

*Indicates Reissued.

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DATE EFFECTIVE August 2, 2019

ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 54.3

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 54.3

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-BASIC
BASIC RESIDENTIAL 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 installment of an advanced meter. Upon installation of an advanced meter, the Customer's service will transfer to the R-TOU rate schedule with the next applicable billing period, unless opting for an alternative residential rate option.

Customer Charge - per month	\$11.00
Low-Income Pilot Program Charge - per month	\$0.04
Energy Charge - per kWh (1)	
Summer (June-September billing periods)	
All On Peak kWh	28.82¢
All Off Peak kWh	7.20¢
Winter (October-May billing periods)	
First 750 kWh	8.00¢
Over 750 kWh	5.51¢

(1) 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.

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

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 54.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 54.4

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOU

*

RESIDENTIAL SMART SAVER SERVICE

AVAILABILITY

This optional rate is available 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 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, a Customer will only be billed under R-TOU for the Summer billing period, the Winter season will be billed under the R-BASIC rate schedule.

RATES

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

Customer Charge - per month	\$11.00
Low-Income Pilot Program Charge - per month	\$0.04
Energy Charge - per kWh	
Summer (June-September billing periods; Option A & B)	
On Peak kWh	32.14¢
Intermediate kWh	8.45¢
Off Peak kWh	5.37¢
Winter (October-May billing periods; Option A)	
On Peak kWh	16.36¢
Intermediate kWh	5.90¢
Off Peak kWh	4.78¢
Winter (October-May billing periods; Option B)	see R-BASIC

TIME PERIODS

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

Summer (June-September billing periods)

 Peak hours - 3:00 P.M. to 7:00 P.M., Monday through Friday, excluding holidays(1)

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

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

*Indicates Addition.

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NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 54.5CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.5APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOU
RESIDENTIAL SMART SAVER SERVICE (Cont'd.)

*

TIME PERIODS (Cont'd.)Winter (October-May billing periods)

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(1)

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

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

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

ADJUSTMENTS

The bill will include the followings adjustments:

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

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

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

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.

SERVICE DETAILS

1. Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.
2. Term of Use. Customers may transfer from this rate to another 1(M) residential rate schedule at any time, however, any customer transferring from this TOU option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOU option.
3. Character of Service Supplied. Company will specify and supply one standard single-phase and, for additional residential requirements, one three-phase secondary service voltage under this Service Classification, which service will be cumulated for billing purposes. Unless otherwise required for Company's engineering or other reasons, any additional service requested by

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NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 54.6

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

SHEET NO. _____

APPLYING TO _____

MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 1(M) R-TOU

*

RESIDENTIAL SMART SAVER SERVICE (Cont'd.)SERVICE DETAILS (Cont'd.)

customer will be provided, subject to the Company's approval, under the provisions of Section III - Special Facilities. Such additional service, if any, supplied through facilities installed on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

4. Residential Service Rate Not Applicable To:

a. Service supplied through one meter (or more than one meter if the readings thereof are cumulated for billing purposes) to:

- (1) Premises which consist of one or more dwelling units and a commercial unit or
- (2) A residence or dwelling unit when any portion of such service is used in a commercial venture.

As used herein, the term "dwelling unit" shall mean that portion of a building which by appearance, design or arrangement is normally used for residential purposes by a single family, whether or not actually occupied, and the term "commercial unit" shall mean that portion of a building or premises which by appearance, design or arrangement is normally used for commercial purposes, whether or not actually so used.

- b. Establishments in farming areas processing, distributing or selling farm or other products which do not originate through production on the premises served.
- c. Separate buildings or other structures intended and/or used for recreational or group activities.
- d. Nursing homes and/or retirement facilities licensed by the State of Missouri Department of Social Services Division of Aging.
- e. Single-metered service supplied to multiple occupancy buildings for which a Commission variance, from the separate metering requirement contained in Section V.L. Rent Inclusion of the Company's rules and regulations, has been granted.
- f. Participation shall exclude customers with a net metering agreement.

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 the supply of service under this rate.

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NAME OF OFFICERPresident
TITLESt. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.7

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUEV
RESIDENTIAL TIME-OF-USE EV SAVER SERVICE

AVAILABILITY

This optional 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, a Customer will only be billed under R-TOUEV for the Summer billing period, the Winter season will be billed under the R-BASIC rate schedule.

RATES

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

Customer Charge - per month	\$11.00
Non-AMI Meter Charge - per month	\$1.50
Low-Income Pilot Program Charge - per month	\$0.04
Energy Charge - per kWh	
Summer (June-September billing periods; option A & B)	
On Peak kWh	13.55¢
Off Peak kWh	5.39¢
Winter (October-May billing periods; option A)	
On Peak kWh	7.82¢
Off Peak kWh	4.77¢
Winter (October-May billing periods; option B)	see R-BASIC

TIME PERIODS

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

Summer (June-September billing periods)

 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 billing periods)

 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

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

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 54.8

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

SHEET NO. _____

APPLYING TO _____

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUEV
RESIDENTIAL TIME-OF-USE EV SAVER SERVICE (Cont'd.)

ADJUSTMENTS

The bill will include the followings adjustments:

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

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

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

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.

SERVICE DETAILS

1. Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.
2. Term of Use. Customers may transfer from this rate to another 1(M) residential rate schedule at any time, however, any customer transferring from this TOU option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOU option.
3. Character of Service Supplied. Company will specify and supply one standard single-phase and, for additional residential requirements, one three-phase secondary service voltage under this Service Classification, which service will be cumulated for billing purposes. Unless otherwise required for Company's engineering or other reasons, any additional service requested by customer will be provided, subject to the Company's approval, under the provisions of Section III - Special Facilities. Such additional service, if any, supplied through facilities installed on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.
4. Residential Service Rate Not Applicable To:
 - a. Service supplied through one meter (or more than one meter if the readings thereof are cumulated for billing purposes) to:
 - (1) Premises which consist of one or more dwelling units and a commercial unit or
 - (2) A residence or dwelling unit when any portion of such service is used in a commercial venture.

DATE OF ISSUE July 3, 2019DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn
NAME OF OFFICERPresident
TITLESt. Louis, Missouri
ADDRESS

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

Original

SHEET NO. 54.9

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

SHEET NO. _____

APPLYING TO _____

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUEV
RESIDENTIAL TIME-OF-USE EV SERVICE (Cont'd.)

SERVICE DETAILS (Cont'd.)

As used herein, the term "dwelling unit" shall mean that portion of a building which by appearance, design or arrangement is normally used for residential purposes by a single family, whether or not actually occupied, and the term "commercial unit" shall mean that portion of a building or premises which by appearance, design or arrangement is normally used for commercial purposes, whether or not actually so used.

- b. Establishments in farming areas processing, distributing or selling farm or other products which do not originate through production on the premises served.
 - c. Separate buildings or other structures intended and/or used for recreational or group activities.
 - d. Nursing homes and/or retirement facilities licensed by the State of Missouri Department of Social Services Division of Aging.
 - e. Single-metered service supplied to multiple occupancy buildings for which a Commission variance, from the separate metering requirement contained in Section V.L. Rent Inclusion of the Company's rules and regulations, has been granted.
 - f. Participation shall exclude customers with a net metering agreement.
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 the supply of service under this rate.

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DATE EFFECTIVE August 2, 2019

ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 54.10

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

SHEET NO. _____

APPLYING TO _____

MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 1(M) R-TOUUSRESIDENTIAL ULTIMATE SAVER SERVICEAVAILABILITY

This limited optional rate is available to residential Customers solicited for pilot participation by Company for 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	\$11.00
Low-Income Pilot Program Charge - per month	\$0.04
Demand Charge - per monthly kW of billing demand	
Summer(June-September billing periods)	\$6.86
Winter(October-May billing periods)	\$2.93
Energy Charge - per kWh	
Summer(June-September billing periods)	
On Peak kWh	25.15¢
Off Peak kWh	4.27¢
Winter(October-May billing periods)	
On Peak kWh	14.05¢
Off Peak kWh	3.89¢

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

Summer (June-September billing periods)

Peak hours - 3:00 P.M. to 7:00 P.M., Monday through Friday, excluding holidays(1)

Off-Peak hours - All other hours

Winter (October-May billing periods)

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(1)

Off-Peak hours - All other hours

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

DATE OF ISSUE July 3, 2019DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn
NAME OF OFFICERPresident
TITLESt. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.11

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 1(M) R-TOUUS
RESIDENTIAL ULTIMATE SAVER SERVICE (Cont'd.)ADJUSTMENTS

The bill will include the followings adjustments:

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.Energy Efficiency Investment Charge (Rider EEIC). Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions or the low-income exemption provisions of Section 393.1075, RSMo.Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM). Applicable to all metered kilowatt-hours (kWh) of energy.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.DEMAND BILLING

The Demand Charge will be assessed on the Customer's maximum usage measured over a one hour period between 6:00 A.M. and 10:00 P.M. on any day of the billing period.

SERVICE DETAILS

- Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.
- Term of Use. Initial (2) year pilot term will commence once pilot recruitment phase is complete. Participants will be notified prior to rate application beginning. Any customer may transfer from this rate to another 1(M) residential rate schedule at any time, however, customer cannot thereafter resume billing under this rate for the duration of this initial pilot period. At conclusion of the initial (2) year term, Customers will be transferred back to the R-Basic rate, unless opting for an alternative residential rate option.
- Character of Service Supplied. Company will specify and supply one standard single-phase and, for additional residential requirements, one three-phase secondary service voltage under this Service Classification, which service will be cumulated for billing purposes. Unless otherwise required for Company's engineering or other reasons, any additional service requested by customer will be provided, subject to the Company's approval, under the provisions of Section III - Special Facilities. Such additional service, if any, supplied through facilities installed on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

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NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.12

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUUS
RESIDENTIAL ULTIMATE SAVER SERVICE (Cont'd.)

SERVICE DETAILS (Cont'd.)

- 4. Residential Service Rate Not Applicable To:
 - a. Service supplied through one meter (or more than one meter if the readings thereof are cumulated for billing purposes) to:
 - (1) Premises which consist of one or more dwelling units and a commercial unit or
 - (2) A residence or dwelling unit when any portion of such service is used in a commercial venture.

As used herein, the term "dwelling unit" shall mean that portion of a building which by appearance, design or arrangement is normally used for residential purposes by a single family, whether or not actually occupied, and the term "commercial unit" shall mean that portion of a building or premises which by appearance, design or arrangement is normally used for commercial purposes, whether or not actually so used.

- b. Establishments in farming areas processing, distributing or selling farm or other products which do not originate through production on the premises served.
 - c. Separate buildings or other structures intended and/or used for recreational or group activities.
 - d. Nursing homes and/or retirement facilities licensed by the State of Missouri Department of Social Services Division of Aging.
 - e. Single-metered service supplied to multiple occupancy buildings for which a Commission variance, from the separate metering requirement contained in Section V.L. Rent Inclusion of the Company's rules and regulations, has been granted.
 - f. Participation shall exclude customers with a net metering agreement.
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 the supply of service under this rate.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 55

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 55

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 2(M)

SMALL GENERAL SERVICE RATE

*RATE BASED ON MONTHLY METER READINGS

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

Customer Charge - per month	
Single Phase Service	\$11.31
Three Phase Service	\$21.45
Limited Unmetered Service	\$5.92
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	10.47¢

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

Customer Charge - per month	
Single Phase Service	\$11.31
Three Phase Service	\$21.45
Limited Unmetered Service	\$5.92
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	
Base Use	7.82¢
Seasonal Use(1)	4.50¢

Optional Time-of-Day Rate

Customer Charge - per month	
Single Phase Service	\$11.31
Three Phase Service	\$21.45
Limited Unmetered Service	\$5.92
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh (2)	
Summer (June-September billing periods)	
All On Peak kWh	15.56¢
All Off Peak kWh	6.34¢
Winter (October-May billing periods)	
All On Peak kWh	10.25¢
All Off Peak kWh	4.70¢

(1) The winter seasonal energy use shall be all kWh in excess of 1,000 kWh per month and in excess of the lesser of a) the kWh use during the preceding May billing period, or b) the kWh use during the preceding October billing period, or c) the maximum monthly kWh use during any preceding summer month.

(2) On-peak and Off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 55.2CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 55.2APPLYING TO MISSOURI SERVICE AREA**SERVICE CLASSIFICATION NO. 2(M)**
SMALL GENERAL SERVICE RATE (Cont'd.)**1. RATE APPLICATION**

This rate is applicable to all secondary service supplied by the Company in Missouri for general use which does not qualify for any other secondary rate.

2. CHARACTER OF SERVICE SUPPLIED

Company will specify and provide a standard single- and/or three-phase alternating current secondary service voltage.

3. CUMULATION OF SERVICES

Service provided through multiple meters to the same customer on the same premises and cumulated for billing purposes under this Service Classification, prior to May 5, 1990, may continue to receive such billing. Unless otherwise required for Company's engineering or other reasons, any additional services installed at customer's request and agreed to by Company on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

***4. DEMAND PROVISIONS**

Customer shall be transferred to the Company's Large General Service Rate 3(M) whenever customer's metered demand in any summer month exceeds 100 kW. For a customer being served through an advanced meter, they may be transferred to Large General Service Rate 3(M) as soon as the next billing period.

For customers remaining on Company's legacy automated meter reading system, when normal use of an existing customer or the estimated use of a new customer exceeds 25,000 kWh per month for two consecutive summer billing months, or Company has reason to believe that customer's summer demand exceeds 100 kW regardless of his kWh use, Company will install a demand meter for purposes of measuring customer's demand.

5. CUSTOMERS WITHOUT PRIOR BILLING DETERMINANTS

Customers on this rate who did not have sufficient use during preceding billing periods to establish their Base use for the winter billing season will be billed entirely on the Base rate unless electric heating supplies the customer's entire space heating requirements, in which case one-half of all use in excess of 1,000 kWh will be billed on the Base rate and one-half on the Seasonal energy rate. In either event, after subsequent billing periods are completed, the customer's billing during the preceding winter will be reviewed using the Base use determined from the following May billing period and a refund given if appropriate.

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 55.3CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 55.3APPLYING TO MISSOURI SERVICE AREA**SERVICE CLASSIFICATION NO. 2(M)**
SMALL GENERAL SERVICE RATE (Cont'd.)***6. OPTIONAL TIME-OF-DAY (TOD) SERVICE**

Applicable at customer's option for all Small General Service usage, subject to the following provisions:

- a. If an advanced meter is not present, Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option, shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.
- d. Premises with 120 volt 2-wire service, or meter locations which would make monthly meter readings unusually difficult to obtain, do not qualify for this TOD option.

7. LIMITED UNMETERED SERVICE

Where service is required for electrical loads which are constant over a predetermined operating schedule and can be reasonably estimated by Company, Company may at its sole discretion waive the metering requirement for the limited types of load referred to herein. In such instances Company would calculate monthly billing for these loads under Service Classification No. 2(M). Additionally, all other provisions of Service Classification 2(M) shall apply to these loads. Service supplied under the provisions of this paragraph is limited to loads of 5 kVA or less at any one service delivery point.

8. GENERAL RULES AND REGULATIONS

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

*Indicates Change.

DATE OF ISSUE	<u>July 3, 2019</u>	DATE EFFECTIVE	<u>August 2, 2019</u>
ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 55.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 55.4

APPLYING TO MISSOURI SERVICE AREA

*THIS SHEET RESERVED FOR FUTURE USE

*Indicates Change

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 56

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 56

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 3(M)

LARGE GENERAL SERVICE RATE

***RATE BASED ON MONTHLY METER READINGS**

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

Customer Charge - per month	\$94.58
Low-Income Pilot Program Charge - per month	\$ 0.56
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	9.95¢
Next 200 kWh per kW of Billing Demand	7.49¢
All Over 350 kWh per kW of Billing Demand	5.03¢
Demand Charge - per kW of Total Billing Demand	\$ 5.08

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

Customer Charge - per month	\$94.58
Low-Income Pilot Program Charge - per month	\$ 0.56
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	6.25¢
Next 200 kWh per kW of Base Demand	4.65¢
All Over 350 kWh per kW of Base Demand	3.66¢
Seasonal Energy Charge - Seasonal kWh	3.66¢
Demand Charge - per kW of Total Billing Demand	\$ 1.88

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	On-Peak	Off-Peak
	<u>Hours(1)</u>	<u>Hours(1)</u>
Summer kWh(June-September billing periods)	+1.18¢	-0.67¢
Winter kWh(October-May billing periods)	+0.36¢	-0.20¢

(1) On-peak and off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 56.3CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 56.3APPLYING TO MISSOURI SERVICE AREA

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

4. DEMAND BILLING (Cont'd.)e. Demand Meters

When normal use of an existing customer or the estimated use of a new customer exceeds 25,000 kWh per month for two consecutive summer billing months, or Company has reason to believe that customer's summer demand exceeds 100 kW regardless of his kWh use, Company will install a demand meter for purposes of measuring customer's demand.

***5. OPTIONAL TIME-OF-DAY (TOD) SERVICE**

Applicable at customer's option for all Large General Service usage, subject to the following provisions:

- a. If an advanced meter is not present, Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.

6. CUMULATION OF SERVICES

Service provided through multiple meters to the same customer on the same premises and cumulated for billing purposes under this Service Classification, prior to May 5, 1990, may continue to receive such billing. Unless otherwise required for Company's engineering or other reasons, any additional services installed at customer's request and agreed to by Company on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

7. GENERAL RULES AND REGULATIONS

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

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

3rd Revised

SHEET NO. 56.4

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

2nd Revised

SHEET NO. 56.4

APPLYING TO MISSOURI SERVICE AREA

*THIS SHEET RESERVED FOR FUTURE USE

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DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 57

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 57

APPLYING TO MISSOURI SERVICE AREA

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

*RATE BASED ON MONTHLY METER READINGS

<u>Summer Rate</u>	(Applicable during 4 monthly billing periods of June through September)	
Customer Charge - per month		\$324.46
Low-Income Pilot Program Charge - per month		\$ 0.56
Energy Charge - per kWh		
First 150 kWh per kW of Billing Demand		9.62¢
Next 200 kWh per kW of Billing Demand		7.24¢
All Over 350 kWh per kW of Billing Demand		4.85¢
Demand Charge - per kW of Total Billing Demand		\$ 4.38
Reactive Charge - per kVar		36.00¢

<u>Winter Rate</u>	(Applicable during 8 monthly billing periods of October through May)	
Customer Charge - per month		\$324.46
Low-Income Pilot Program Charge - per month		\$ 0.56
Base Energy Charge - per kWh		
First 150 kWh per kW of Base Demand		6.06¢
Next 200 kWh per kW of Base Demand		4.50¢
All Over 350 kWh per kW of Base Demand		3.52¢
Seasonal Energy Charge - Seasonal kWh		3.52¢
Demand Charge - per kW of Total Billing Demand		\$ 1.59
Reactive Charge - per kVar		36.00¢

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	On-Peak Hours(1)	Off-Peak Hours(1)
Summer kWh(June-September billing periods)	+0.86¢	-0.48¢
Winter kWh(October-May billing periods)	+0.32¢	-0.17¢

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

*Indicates Change.

DATE OF ISSUE	<u>July 3, 2019</u>	DATE EFFECTIVE	<u>August 2, 2019</u>
ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 57.4CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 57.4APPLYING TO MISSOURI SERVICE AREA

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

6. REACTIVE CHARGE (Cont'd.)

Where in the Company's judgment application of the above formula would not be appropriate to full or partial self-generation customers, an alternative agreement, between Company and customers, for the payment of reactive supply facilities may be substituted for said formula.

7. OPTIONAL TIME-OF-DAY (TOD) SERVICE

Applicable at customer's option for all Small Primary Service usage, subject to the following provisions:

- *a. If an advanced meter is not present, Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option, shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.

8. GENERAL RULES AND REGULATIONS

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

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 57.5

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 57.5

APPLYING TO MISSOURI SERVICE AREA

*THIS SHEET RESERVED FOR FUTURE USE

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ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 58

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th 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)	\$10.03
250W Equivalent (1)	\$16.19
400W Equivalent (1)	\$29.76

(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	\$21.09
Directional - Medium	\$33.81
Directional - Large	\$67.40

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

<u>Identification</u>	<u>Rate</u>
All Styles	\$22.28

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	\$12.21	6,800	\$11.72
25,500	\$16.89	20,000	\$16.05
50,000	\$30.47	54,000	\$27.08

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	\$10.04	3,300	\$9.72
9,500	\$10.73	6,800	\$10.24

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 58.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 58.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)

***STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (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	\$21.91	34,000	\$21.10	20,000	\$21.07
50,000	\$34.66	100,000	\$68.52	54,000	\$31.27

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	\$22.97	3,300	\$21.63
		6,800	\$22.47

(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	\$9.74
140,000 Lumens, H.P. Sodium, Directional	\$69.08

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 July 3, 2019 DATE EFFECTIVE August 2, 2019

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

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 58.5CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 58.5APPLYING TO MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 5(M)STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)4. CONVERSION OR MODIFICATION OF LAMPS (Cont'd.)

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

5. CHANGE OR RELOCATION

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

6. ADDITIONAL INSTALLATIONS

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

7. TERMINATION

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

*Indicates Change.DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st SHEET NO. 58.7

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 58.7

APPLYING TO MISSOURI SERVICE AREA

*THIS SHEET RESERVED FOR FUTURE USE

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

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 59

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

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 6(M)

STREET AND OUTDOOR AREA LIGHTING - CUSTOMER-OWNED

***MONTHLY RATE FOR METERED SERVICE**

Customer Charge Per Meter \$6.97 per month
 Energy Charge 4.40¢ per kWh

***RATE PER UNIT PER MONTH**

			<u>Energy & Maintenance(1)</u>	<u>Energy Only(2)</u>
<u>H.P. Sodium</u>				
9,500	Lumens,	Standard	\$ 3.67	\$ 1.71
25,500	Lumens,	Standard	\$ 6.29	\$ 4.44
50,000	Lumens,	Standard	\$ 9.03	\$ 6.88
<u>Metal Halide</u>				
5,500	Lumens,	Standard	\$ 5.36	N/A
12,900	Lumens	Standard	\$ 6.35	N/A
<u>Mercury Vapor</u>				
			<u>(3)</u>	
3,300	Lumens,	Standard	\$ 3.67	\$ 1.82
6,800	Lumens,	Standard	\$ 4.72	\$ 2.95
11,000	Lumens,	Standard	\$ 6.38	\$ 4.20
20,000	Lumens,	Standard	\$ 8.39	\$ 6.48
54,000	Lumens,	Standard	\$17.79	\$15.43

Light Emitting Diodes (LED) Energy Only
 Energy Charge - per rated wattage per month 1.48¢

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

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

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

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

APPLYING TO

MISSOURI SERVICE AREA

RIDER I

*SECONDARY SERVICE OFF-PEAK DEMAND PROVISIONS

A. The monthly billing demand of any non-residential customer who is taking secondary service shall, upon their request be determined as follows:

The billing demand in any month will be the highest demand established during peak hours or 50% of the highest demand established during off-peak hours, whichever is highest during the month, but in no event less than 100 kW.

Peak hours and off-peak hours are defined as follows:

Peak hours - 10:00 A.M. to 10:00 P.M., Monday through Friday.

Off-peak hours - 10:00 P.M. of Monday through Thursday to 10:00 A.M. of the following day, and from 10:00 P.M. Friday to 10:00 A.M. Monday.

- The entire 24 hours of the following days:

- | | |
|------------------|---------------------|
| New Year's Day | Thanksgiving Day |
| Good Friday | Thanksgiving Friday |
| Memorial Day | Christmas Eve Day |
| Independence Day | Christmas Day |
| Labor Day | |

All times stated above apply to the local effective time.

B. If advanced metering is not installed, Customer shall pay for all metering equipment necessary for the application of the provisions of this Rider at the charges specified in Section IV.B - Additional Metering.

C. This Rider, if requested by customer without advanced metering, shall remain in effect for an initial period of three (3) years and shall be terminable thereafter on three (3) days' notice.

D. Customers with advanced metering installed will automatically have the provisions under Rider I applied without request.

* Indicates Change.

DATE OF ISSUE July 3, 2019

DATE EFFECTIVE August 2, 2019

ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 54.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 54.4

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOU

*

RESIDENTIAL SMART SAVER SERVICE

AVAILABILITY

This optional rate is available 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 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, a Customer will only be billed under R-TOU for the Summer billing period, the Winter season will be billed under the R-BASIC rate schedule.

RATES

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

Customer Charge - per month	\$11.00
Low-Income Pilot Program Charge - per month	\$0.04
Energy Charge - per kWh	
Summer (June-September billing periods; Option A & B)	
On Peak kWh	32.14¢
Intermediate kWh	8.45¢
Off Peak kWh	5.37¢
Winter (October-May billing periods; Option A)	
On Peak kWh	16.36¢
Intermediate kWh	5.90¢
Off Peak kWh	4.78¢
Winter (October-May billing periods; Option B)	see R-BASIC

TIME PERIODS

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

Summer (June-September billing periods)

 Peak hours - 3:00 P.M. to 7:00 P.M., Monday through Friday, excluding holidays(1)

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

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

*Indicates Addition.

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

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 54.5CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.5APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOU
* RESIDENTIAL SMART SAVER SERVICE (Cont'd.)

TIME PERIODS (Cont'd.)Winter (October-May billing periods)

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(1)

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

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

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

ADJUSTMENTS

The bill will include the followings adjustments:

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

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

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

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.

SERVICE DETAILS

1. Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.
2. Term of Use. Customers may transfer from this rate to another 1(M) residential rate schedule at any time, however, any customer transferring from this TOU option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOU option.
3. Character of Service Supplied. Company will specify and supply one standard single-phase and, for additional residential requirements, one three-phase secondary service voltage under this Service Classification, which service will be cumulated for billing purposes. Unless otherwise required for Company's engineering or other reasons, any additional service requested by

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 54.6

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

SHEET NO. _____

APPLYING TO _____

MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 1(M) R-TOU

*

RESIDENTIAL SMART SAVER SERVICE (Cont'd.)SERVICE DETAILS (Cont'd.)

customer will be provided, subject to the Company's approval, under the provisions of Section III - Special Facilities. Such additional service, if any, supplied through facilities installed on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

4. Residential Service Rate Not Applicable To:

a. Service supplied through one meter (or more than one meter if the readings thereof are cumulated for billing purposes) to:

- (1) Premises which consist of one or more dwelling units and a commercial unit or
- (2) A residence or dwelling unit when any portion of such service is used in a commercial venture.

As used herein, the term "dwelling unit" shall mean that portion of a building which by appearance, design or arrangement is normally used for residential purposes by a single family, whether or not actually occupied, and the term "commercial unit" shall mean that portion of a building or premises which by appearance, design or arrangement is normally used for commercial purposes, whether or not actually so used.

- b. Establishments in farming areas processing, distributing or selling farm or other products which do not originate through production on the premises served.
- c. Separate buildings or other structures intended and/or used for recreational or group activities.
- d. Nursing homes and/or retirement facilities licensed by the State of Missouri Department of Social Services Division of Aging.
- e. Single-metered service supplied to multiple occupancy buildings for which a Commission variance, from the separate metering requirement contained in Section V.L. Rent Inclusion of the Company's rules and regulations, has been granted.
- f. Participation shall exclude customers with a net metering agreement.

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 the supply of service under this rate.

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NAME OF OFFICERPresident
TITLESt. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.7

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUEV
RESIDENTIAL TIME-OF-USE EV SAVER SERVICE

AVAILABILITY

This optional 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, a Customer will only be billed under R-TOUEV for the Summer billing period, the Winter season will be billed under the R-BASIC rate schedule.

RATES

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

Customer Charge - per month	\$11.00
Non-AMI Meter Charge - per month	\$1.50
Low-Income Pilot Program Charge - per month	\$0.04
Energy Charge - per kWh	
Summer (June-September billing periods; option A & B)	
On Peak kWh	13.55¢
Off Peak kWh	5.39¢
Winter (October-May billing periods; option A)	
On Peak kWh	7.82¢
Off Peak kWh	4.77¢
Winter (October-May billing periods; option B)	see R-BASIC

TIME PERIODS

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

Summer (June-September billing periods)

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 billing periods)

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

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

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 54.8

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

SHEET NO. _____

APPLYING TO _____

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUEV
RESIDENTIAL TIME-OF-USE EV SAVER SERVICE (Cont'd.)

ADJUSTMENTS

The bill will include the followings adjustments:

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

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

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

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.

SERVICE DETAILS

1. Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.
2. Term of Use. Customers may transfer from this rate to another 1(M) residential rate schedule at any time, however, any customer transferring from this TOU option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOU option.
3. Character of Service Supplied. Company will specify and supply one standard single-phase and, for additional residential requirements, one three-phase secondary service voltage under this Service Classification, which service will be cumulated for billing purposes. Unless otherwise required for Company's engineering or other reasons, any additional service requested by customer will be provided, subject to the Company's approval, under the provisions of Section III - Special Facilities. Such additional service, if any, supplied through facilities installed on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.
4. Residential Service Rate Not Applicable To:
 - a. Service supplied through one meter (or more than one meter if the readings thereof are cumulated for billing purposes) to:
 - (1) Premises which consist of one or more dwelling units and a commercial unit or
 - (2) A residence or dwelling unit when any portion of such service is used in a commercial venture.

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NAME OF OFFICERPresident
TITLESt. Louis, Missouri
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MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 54.9

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

SHEET NO. _____

APPLYING TO _____

MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUEV
RESIDENTIAL TIME-OF-USE EV SERVICE (Cont'd.)

SERVICE DETAILS (Cont'd.)

As used herein, the term "dwelling unit" shall mean that portion of a building which by appearance, design or arrangement is normally used for residential purposes by a single family, whether or not actually occupied, and the term "commercial unit" shall mean that portion of a building or premises which by appearance, design or arrangement is normally used for commercial purposes, whether or not actually so used.

- b. Establishments in farming areas processing, distributing or selling farm or other products which do not originate through production on the premises served.
 - c. Separate buildings or other structures intended and/or used for recreational or group activities.
 - d. Nursing homes and/or retirement facilities licensed by the State of Missouri Department of Social Services Division of Aging.
 - e. Single-metered service supplied to multiple occupancy buildings for which a Commission variance, from the separate metering requirement contained in Section V.L. Rent Inclusion of the Company's rules and regulations, has been granted.
 - f. Participation shall exclude customers with a net metering agreement.
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 the supply of service under this rate.

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NAME OF OFFICERPresident
TITLESt. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.10

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 1(M) R-TOUUS
RESIDENTIAL ULTIMATE SAVER SERVICE

AVAILABILITY

This limited optional rate is available to residential Customers solicited for pilot participation by Company for 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	\$11.00
Low-Income Pilot Program Charge - per month	\$0.04
Demand Charge - per monthly kW of billing demand	
Summer(June-September billing periods)	\$6.86
Winter(October-May billing periods)	\$2.93
Energy Charge - per kWh	
Summer(June-September billing periods)	
On Peak kWh	25.15¢
Off Peak kWh	4.27¢
Winter(October-May billing periods)	
On Peak kWh	14.05¢
Off Peak kWh	3.89¢

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

Summer (June-September billing periods)

Peak hours - 3:00 P.M. to 7:00 P.M., Monday through Friday, excluding holidays(1)

Off-Peak hours - All other hours

Winter (October-May billing periods)

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(1)

Off-Peak hours - All other hours

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

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

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.11

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 1(M) R-TOUUS
RESIDENTIAL ULTIMATE SAVER SERVICE (Cont'd.)ADJUSTMENTS

The bill will include the followings adjustments:

Fuel and Purchased Power Adjustment (Rider FAC). Applicable to all metered kilowatt-hours (kWh) of energy.Energy Efficiency Investment Charge (Rider EEIC). Applicable to all metered kilowatt-hours (kWh) of energy excluding kWh of energy supplied to customers that have satisfied the opt-out provisions or the low-income exemption provisions of Section 393.1075, RSMo.Renewable Energy Standard Rate Adjustment Mechanism (Rider RESRAM). Applicable to all metered kilowatt-hours (kWh) of energy.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.DEMAND BILLING

The Demand Charge will be assessed on the Customer's maximum usage measured over a one hour period between 6:00 A.M. and 10:00 P.M. on any day of the billing period.

SERVICE DETAILS

- Payments. Bills are due and payable within twenty-one (21) days from date of bill and become delinquent thereafter.
- Term of Use. Initial (2) year pilot term will commence once pilot recruitment phase is complete. Participants will be notified prior to rate application beginning. Any customer may transfer from this rate to another 1(M) residential rate schedule at any time, however, customer cannot thereafter resume billing under this rate for the duration of this initial pilot period. At conclusion of the initial (2) year term, Customers will be transferred back to the R-Basic rate, unless opting for an alternative residential rate option.
- Character of Service Supplied. Company will specify and supply one standard single-phase and, for additional residential requirements, one three-phase secondary service voltage under this Service Classification, which service will be cumulated for billing purposes. Unless otherwise required for Company's engineering or other reasons, any additional service requested by customer will be provided, subject to the Company's approval, under the provisions of Section III - Special Facilities. Such additional service, if any, supplied through facilities installed on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

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MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 54.12

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

APPLYING TO MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 1(M) R-TOUUS
RESIDENTIAL ULTIMATE SAVER SERVICE (Cont'd.)SERVICE DETAILS (Cont'd.)

4. Residential Service Rate Not Applicable To:
- a. Service supplied through one meter (or more than one meter if the readings thereof are cumulated for billing purposes) to:
 - (1) Premises which consist of one or more dwelling units and a commercial unit or
 - (2) A residence or dwelling unit when any portion of such service is used in a commercial venture.

As used herein, the term "dwelling unit" shall mean that portion of a building which by appearance, design or arrangement is normally used for residential purposes by a single family, whether or not actually occupied, and the term "commercial unit" shall mean that portion of a building or premises which by appearance, design or arrangement is normally used for commercial purposes, whether or not actually so used.
 - b. Establishments in farming areas processing, distributing or selling farm or other products which do not originate through production on the premises served.
 - c. Separate buildings or other structures intended and/or used for recreational or group activities.
 - d. Nursing homes and/or retirement facilities licensed by the State of Missouri Department of Social Services Division of Aging.
 - e. Single-metered service supplied to multiple occupancy buildings for which a Commission variance, from the separate metering requirement contained in Section V.L. Rent Inclusion of the Company's rules and regulations, has been granted.
 - f. Participation shall exclude customers with a net metering agreement.
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 the supply of service under this rate.

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NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 55

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 55

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 2(M)

SMALL GENERAL SERVICE RATE

***RATE BASED ON MONTHLY METER READINGS**

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

Customer Charge - per month	
Single Phase Service	\$11.31
Three Phase Service	\$21.45
Limited Unmetered Service	\$5.92
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	10.47¢

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

Customer Charge - per month	
Single Phase Service	\$11.31
Three Phase Service	\$21.45
Limited Unmetered Service	\$5.92
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh	
Base Use	7.82¢
Seasonal Use(1)	4.50¢

Optional Time-of-Day Rate

Customer Charge - per month	
Single Phase Service	\$11.31
Three Phase Service	\$21.45
Limited Unmetered Service	\$5.92
Low-Income Pilot Program Charge - per month	\$ 0.05
Energy Charge - per kWh (2)	
Summer (June-September billing periods)	
All On Peak kWh	15.56¢
All Off Peak kWh	6.34¢
Winter (October-May billing periods)	
All On Peak kWh	10.25¢
All Off Peak kWh	4.70¢

(1) The winter seasonal energy use shall be all kWh in excess of 1,000 kWh per month and in excess of the lesser of a) the kWh use during the preceding May billing period, or b) the kWh use during the preceding October billing period, or c) the maximum monthly kWh use during any preceding summer month.

(2) On-peak and Off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

*Indicates Change.

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

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 55.2CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 55.2APPLYING TO MISSOURI SERVICE AREA**SERVICE CLASSIFICATION NO. 2(M)**
SMALL GENERAL SERVICE RATE (Cont'd.)**1. RATE APPLICATION**

This rate is applicable to all secondary service supplied by the Company in Missouri for general use which does not qualify for any other secondary rate.

2. CHARACTER OF SERVICE SUPPLIED

Company will specify and provide a standard single- and/or three-phase alternating current secondary service voltage.

3. CUMULATION OF SERVICES

Service provided through multiple meters to the same customer on the same premises and cumulated for billing purposes under this Service Classification, prior to May 5, 1990, may continue to receive such billing. Unless otherwise required for Company's engineering or other reasons, any additional services installed at customer's request and agreed to by Company on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

***4. DEMAND PROVISIONS**

Customer shall be transferred to the Company's Large General Service Rate 3(M) whenever customer's metered demand in any summer month exceeds 100 kW. For a customer being served through an advanced meter, they may be transferred to Large General Service Rate 3(M) as soon as the next billing period.

For customers remaining on Company's legacy automated meter reading system, when normal use of an existing customer or the estimated use of a new customer exceeds 25,000 kWh per month for two consecutive summer billing months, or Company has reason to believe that customer's summer demand exceeds 100 kW regardless of his kWh use, Company will install a demand meter for purposes of measuring customer's demand.

5. CUSTOMERS WITHOUT PRIOR BILLING DETERMINANTS

Customers on this rate who did not have sufficient use during preceding billing periods to establish their Base use for the winter billing season will be billed entirely on the Base rate unless electric heating supplies the customer's entire space heating requirements, in which case one-half of all use in excess of 1,000 kWh will be billed on the Base rate and one-half on the Seasonal energy rate. In either event, after subsequent billing periods are completed, the customer's billing during the preceding winter will be reviewed using the Base use determined from the following May billing period and a refund given if appropriate.

*Indicates Change.

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ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 55.3CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 55.3APPLYING TO MISSOURI SERVICE AREA**SERVICE CLASSIFICATION NO. 2(M)**
SMALL GENERAL SERVICE RATE (Cont'd.)***6. OPTIONAL TIME-OF-DAY (TOD) SERVICE**

Applicable at customer's option for all Small General Service usage, subject to the following provisions:

- a. If an advanced meter is not present, Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option, shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.
- d. Premises with 120 volt 2-wire service, or meter locations which would make monthly meter readings unusually difficult to obtain, do not qualify for this TOD option.

7. LIMITED UNMETERED SERVICE

Where service is required for electrical loads which are constant over a predetermined operating schedule and can be reasonably estimated by Company, Company may at its sole discretion waive the metering requirement for the limited types of load referred to herein. In such instances Company would calculate monthly billing for these loads under Service Classification No. 2(M). Additionally, all other provisions of Service Classification 2(M) shall apply to these loads. Service supplied under the provisions of this paragraph is limited to loads of 5 kVA or less at any one service delivery point.

8. GENERAL RULES AND REGULATIONS

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

*Indicates Change.

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ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 55.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 55.4

APPLYING TO MISSOURI SERVICE AREA

*THIS SHEET RESERVED FOR FUTURE USE

*Indicates Change

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 56

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 56

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 3(M)

LARGE GENERAL SERVICE RATE

***RATE BASED ON MONTHLY METER READINGS**

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

Customer Charge - per month	\$94.58
Low-Income Pilot Program Charge - per month	\$ 0.56
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	9.95¢
Next 200 kWh per kW of Billing Demand	7.49¢
All Over 350 kWh per kW of Billing Demand	5.03¢
Demand Charge - per kW of Total Billing Demand	\$ 5.08

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

Customer Charge - per month	\$94.58
Low-Income Pilot Program Charge - per month	\$ 0.56
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	6.25¢
Next 200 kWh per kW of Base Demand	4.65¢
All Over 350 kWh per kW of Base Demand	3.66¢
Seasonal Energy Charge - Seasonal kWh	3.66¢
Demand Charge - per kW of Total Billing Demand	\$ 1.88

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	On-Peak	Off-Peak
	<u>Hours(1)</u>	<u>Hours(1)</u>
Summer kWh(June-September billing periods)	+1.18¢	-0.67¢
Winter kWh(October-May billing periods)	+0.36¢	-0.20¢

(1) On-peak and off-peak hours applicable herein shall be as specified in Rider I, paragraph A.

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 56.3CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 56.3APPLYING TO MISSOURI SERVICE AREA

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

4. DEMAND BILLING (Cont'd.)e. Demand Meters

When normal use of an existing customer or the estimated use of a new customer exceeds 25,000 kWh per month for two consecutive summer billing months, or Company has reason to believe that customer's summer demand exceeds 100 kW regardless of his kWh use, Company will install a demand meter for purposes of measuring customer's demand.

***5. OPTIONAL TIME-OF-DAY (TOD) SERVICE**

Applicable at customer's option for all Large General Service usage, subject to the following provisions:

- a. If an advanced meter is not present, Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.

6. CUMULATION OF SERVICES

Service provided through multiple meters to the same customer on the same premises and cumulated for billing purposes under this Service Classification, prior to May 5, 1990, may continue to receive such billing. Unless otherwise required for Company's engineering or other reasons, any additional services installed at customer's request and agreed to by Company on and after May 5, 1990, will not be cumulated or otherwise combined for billing purposes with any other service supplied to customer.

7. GENERAL RULES AND REGULATIONS

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

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 56.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 56.4

APPLYING TO MISSOURI SERVICE AREA

*THIS SHEET RESERVED FOR FUTURE USE

*Indicate Change.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 57

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd 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 (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$324.46
Low-Income Pilot Program Charge - per month	\$ 0.56
Energy Charge - per kWh	
First 150 kWh per kW of Billing Demand	9.62¢
Next 200 kWh per kW of Billing Demand	7.24¢
All Over 350 kWh per kW of Billing Demand	4.85¢
Demand Charge - per kW of Total Billing Demand	\$ 4.38
Reactive Charge - per kVar	36.00¢

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

Customer Charge - per month	\$324.46
Low-Income Pilot Program Charge - per month	\$ 0.56
Base Energy Charge - per kWh	
First 150 kWh per kW of Base Demand	6.06¢
Next 200 kWh per kW of Base Demand	4.50¢
All Over 350 kWh per kW of Base Demand	3.52¢
Seasonal Energy Charge - Seasonal kWh	3.52¢
Demand Charge - per kW of Total Billing Demand	\$ 1.59
Reactive Charge - per kVar	36.00¢

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	<u>On-Peak</u>	<u>Off-Peak</u>
	<u>Hours(1)</u>	<u>Hours(1)</u>
Summer kWh(June-September billing periods)	+0.86¢	-0.48¢
Winter kWh(October-May billing periods)	+0.32¢	-0.17¢

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

*Indicates Change.

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MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 57.4CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 57.4APPLYING TO MISSOURI SERVICE AREA**SERVICE CLASSIFICATION NO. 4(M)**
SMALL PRIMARY SERVICE RATE (Cont'd.)**6. REACTIVE CHARGE (Cont'd.)**

Where in the Company's judgment application of the above formula would not be appropriate to full or partial self-generation customers, an alternative agreement, between Company and customers, for the payment of reactive supply facilities may be substituted for said formula.

7. OPTIONAL TIME-OF-DAY (TOD) SERVICE

Applicable at customer's option for all Small Primary Service usage, subject to the following provisions:

- *a. If an advanced meter is not present, Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option, shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.

8. GENERAL RULES AND REGULATIONS

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

*Indicates Change.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

3rd Revised

SHEET NO. 57.5

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

2nd Revised

SHEET NO. 57.5

APPLYING TO

MISSOURI SERVICE AREA

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DATE EFFECTIVE August 2, 2019

ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 58

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th 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)	\$10.03
250W Equivalent (1)	\$16.19
400W Equivalent (1)	\$29.76

(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	\$21.09
Directional - Medium	\$33.81
Directional - Large	\$67.40

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

<u>Identification</u>	<u>Rate</u>
All Styles	\$22.28

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	\$12.21	6,800	\$11.72
25,500	\$16.89	20,000	\$16.05
50,000	\$30.47	54,000	\$27.08

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	\$10.04	3,300	\$9.72
9,500	\$10.73	6,800	\$10.24

*Indicates Change.

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ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 58.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 58.1

APPLYING TO MISSOURI SERVICE AREA

SERVICE CLASSIFICATION NO. 5(M)

***STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (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	\$21.91	34,000	\$21.10	20,000	\$21.07
50,000	\$34.66	100,000	\$68.52	54,000	\$31.27

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	\$22.97	3,300	\$21.63
		6,800	\$22.47

(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	\$9.74
140,000 Lumens, H.P. Sodium, Directional	\$69.08

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 July 3, 2019 DATE EFFECTIVE August 2, 2019

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

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 58.5CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 58.5APPLYING TO MISSOURI SERVICE AREASERVICE CLASSIFICATION NO. 5(M)STREET AND OUTDOOR AREA LIGHTING - COMPANY-OWNED (Cont'd.)4. CONVERSION OR MODIFICATION OF LAMPS (Cont'd.)

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

5. CHANGE OR RELOCATION

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

6. ADDITIONAL INSTALLATIONS

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

7. TERMINATION

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

*Indicates Change.DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019ISSUED BY Michael Moehn President St. Louis, Missouri
NAME OF OFFICER TITLE ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st SHEET NO. 58.7

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 58.7

APPLYING TO MISSOURI SERVICE AREA

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ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 59

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

APPLYING TO MISSOURI SERVICE AREA

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

***MONTHLY RATE FOR METERED SERVICE**

Customer Charge Per Meter \$6.97 per month
 Energy Charge 4.40¢ per kWh

***RATE PER UNIT PER MONTH**

	<u>Energy & Maintenance(1)</u>	<u>Energy Only(2)</u>
<u>H.P. Sodium</u>		
9,500 Lumens, Standard	\$ 3.67	\$ 1.71
25,500 Lumens, Standard	\$ 6.29	\$ 4.44
50,000 Lumens, Standard	\$ 9.03	\$ 6.88
<u>Metal Halide</u>		
5,500 Lumens, Standard	\$ 5.36	N/A
12,900 Lumens Standard	\$ 6.35	N/A
<u>Mercury Vapor</u>		
	<u>(3)</u>	
3,300 Lumens, Standard	\$ 3.67	\$ 1.82
6,800 Lumens, Standard	\$ 4.72	\$ 2.95
11,000 Lumens, Standard	\$ 6.38	\$ 4.20
20,000 Lumens, Standard	\$ 8.39	\$ 6.48
54,000 Lumens, Standard	\$17.79	\$15.43

Light Emitting Diodes (LED) Energy Only
 Energy Charge - per rated wattage per month 1.48¢

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

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

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

*Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st SHEET NO. 59.5

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 59.5

APPLYING TO MISSOURI SERVICE AREA

*THIS SHEET RESERVED FOR FUTURE USE

*Indicates Change.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 61

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd 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 (Applicable during 4 monthly billing periods of June through September)

Customer Charge - per month	\$324.46
Low-Income Pilot Program Charge - per month	\$ 61.10
Energy Charge - per kWh	3.33¢
Demand Charge - per kW of Billing Demand	\$ 19.88
Reactive Charge - per kVar	36.00¢

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

Customer Charge - per month	\$324.46
Low-Income Pilot Program Charge - per month	\$ 61.10
Energy Charge - per kWh	2.95¢
Demand Charge - per kW of Billing Demand	\$ 9.01
Reactive Charge - per kVar	36.00¢

Optional Time-of-Day Adjustments

Energy Adjustment - per kWh	On-Peak Hours(1)	Off-Peak Hours(1)
Summer kWh(June-September billing periods)	+0.65¢	-0.36¢
Winter kWh(October-May billing periods)	+0.29¢	-0.17¢

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

*Indicates Change.

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MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 61.3

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 61.3

APPLYING TO MISSOURI SERVICE AREA

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

6. REACTIVE CHARGE

The charge specified in this rate shall be applicable to the kilovars by which the customer's average metered kilovars exceed the customer's kilovars at an average power factor of 90% lagging during the billing period. Such average kilovar billing units shall be determined in accordance with the following formula:

$$\text{kVar} = \left(\frac{\text{kVarh}}{\text{kWh}} - 0.4843 \right) (\text{kW})$$

where:

- kVar = kilovar billing units
- kVarh = metered kilovar-hours
- kWh = metered kilowatt-hours
- kW = metered kilowatts
- 0.4843 = kilovar requirement at 90% lagging power factor.

Where in the Company's judgment application of the above formula would not be appropriate to full or partial self-generation customers, an alternative agreement, between Company and customers, for the payment of reactive supply facilities may be substituted for said formula.

7. OPTIONAL TIME-OF-DAY (TOD) SERVICE

Applicable at customer's option for all Large Primary Service usage, subject to the following provisions:

- *a. If advanced metering is not present, Customer will be transferred to this TOD rate option effective with TOD meter installation and transferred from this TOD rate option to the applicable non-TOD rate after the meter is removed.
- b. Customer electing this TOD option, shall remain on said option for a minimum period of twelve (12) months, provided however, that customer may discontinue this option within the first ninety (90) days thereunder subject to the continued payment of the TOD customer charge, in lieu of any other customer charge, for the full twelve (12) month term of this option.
- c. Any customer canceling this TOD option cannot thereafter resume billing under said option for a period of one year following the last billing period on the TOD option.

*Indicates Change.

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ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 61.5

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 61.5

APPLYING TO MISSOURI SERVICE AREA

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

5th Revised

SHEET NO. 62

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

4th Revised

SHEET NO. 62

APPLYING TO MISSOURI SERVICE AREA

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 62.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 62.1

APPLYING TO MISSOURI SERVICE AREA

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 62.2

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 62.2

APPLYING TO MISSOURI SERVICE AREA

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 62.3

APPLYING TO MISSOURI SERVICE AREA

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MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 62.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 62.4

APPLYING TO MISSOURI SERVICE AREA

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Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2016-0179.

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ISSUED BY Michael Moehn President St. Louis, Missouri
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 63

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 63

APPLYING TO MISSOURI SERVICE AREA

MISCELLANEOUS CHARGES

Reconnection Charges per Connection Point

Sheet No. 79, Par. B-3 (Annually Recurring Service) \$30.00
 Sheet No. 145, Par. I (Reconnection of Service) \$30.00

*Supplementary Service Minimum Monthly Charges

Sheet No. 78, Section C-3

Charges applicable during 4 monthly billing periods of June through September	<u>Primary Service Rate</u>
Customer Charge per month, plus	\$324.46
Low-Income Pilot Program Charge - per month	\$61.10
All kW @	\$19.88

Charges applicable during 8 monthly billing periods of October through May	<u>Primary Service Rate</u>
Customer Charge per month, plus	\$324.46
Low-Income Pilot Program Charge - per month	\$61.10
All kW @	\$9.01

**Returned Check Fee \$25.00

**Opt-Out Charges

Sheet No. 129, Section E

One-time setup charge	\$150.00
Non-Standard Meter Charge - per month	\$45.00

**Paperless Billing Incentive (Credit to Customer)

Sheet No. 138, Section N

Paperless Billing Incentive - per month	\$0.50
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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.

*Indicates Change.

**Indicates Addition.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

ISSUED BY <u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 70

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 70

APPLYING TO MISSOURI SERVICE AREA

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NAME OF OFFICER TITLE ADDRESS

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.

* 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.

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.

*Indicates Change.

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.1

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.1

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.)

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 + T + E ± R - OSSR

* FC = Fuel costs and revenues associated with the Company's generating plants 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: nuclear fuel commodity expense, waste disposal expense, and nuclear fuel hedging costs.

*Indicates Change. **Indicates Addition.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.2CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.2APPLYING 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:

The following costs and revenues for purchased power reflected in FERC Account 555, excluding (a) amounts associated with portions of Power Purchase Agreements dedicated to specific customers under the Renewable Choice Program tariff, (b) all charges under Midcontinent Independent System Operator, Inc. ("MISO") Schedules 10, 16, 17 and 24 (or any successor to those MISO Schedules), and excluding 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); and
 - d. Supplemental reserve service (MISO Schedule 6, or its successor); and
 - ix. Demand response:
 - a. Demand response allocation uplift; and
 - b. Emergency demand response cost allocation (MISO Schedule 30, or its successor);

*Indicates Change.

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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. 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.

*T =

- *1) One hundred percent (100%) of transmission service costs reflected in FERC Account 565 to either:
 - a. transmit excess electric power sold to third parties to locations outside of MISO (off-system sales)(excluding costs or revenues under MISO Schedule 10, or any successor to that MISO Schedule)or;
 - b. transmit electric power on a non-MISO system,

- **2) One and 65/100 percent (1.65%) of transmission service costs reflected in FERC Account 565 directly attributable to Ameren Missouri's network transmission service (excluding (a) amounts associated with portions of Purchased Power Agreements dedicated to specific customers under the Renewable Choice Program tariff and (b) costs or revenues under MISO Schedule 10, or any successor to that MISO Schedule),and

*Indicates Addition. **Indicates Change.

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MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.4

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.4

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) One and 65/100 percent (1.65%) 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 T include:

- 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 Schedule 11 or its successor;
 - *vi. MISO Schedules 26, 26A, 26C, 26D, 37 and 38 or their successors;
 - vii. MISO Schedule 33; and
 - viii. 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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MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.5CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.5APPLYING 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.)

*OSSR = Costs and revenues in FERC Account 447 (excluding (a) amounts associated with portions of Power Purchase Agreements dedicated to specific customers under the Renewable Choice Program tariff, (b) amounts associated with generation assets dedicated, as of the date BF was determined, to specific customers under the Renewable Choice Program tariff and (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 when it began commercial operation) 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);
4. Make-whole payments, including:
 - A. Price volatility; and
 - B. Revenue sufficiency guarantee; and
5. Hedging.

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.

* Indicates Change.

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MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 71.6CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.6APPLYING 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.)

*Costs and revenues not specifically detailed in Factors FC, PP, T, E, R or OSSR shall not be included in the Company's FAR filings; provided however, in the case of Factors PP, T or OSSR the market settlement charge types under which MISO or another centrally administered market (e.g., PJM or SPP) bills/credits a cost or revenue need not be detailed in Factors PP, T or OSSR for the costs or revenues to be considered specifically detailed in Factors PP, T or OSSR; and provided further, should the MISO or another centrally administered market (e.g. PJM or SPP) implement a market settlement charge type or schedule not listed in the FAC Charge Type Table included in this rider (a "new charge type"):

- *A. The Company may include the new charge type cost or revenue in its FAR filings if the Company believes the new charge type cost or revenue possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP, T or OSSR, as the case may be, subject to the requirement that the Company make a filing with the Commission as outlined in B below and also subject to another party's right to challenge the inclusion as outlined in E. below;
- *B. The Company will make a filing with the Commission giving the Commission notice of the new charge type no later than 60 days prior to the Company including the new charge type cost or revenue in a FAR filing. Such filing shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP, T or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements;
- C. The Company will also provide notice in its monthly reports required by the Commission's fuel adjustment clause rules that identifies the new charge type costs or revenues by amount, description and location within the monthly reports;
- D. The Company shall account for the new charge type costs or revenues in a manner which allows for the transparent determination of current period and cumulative costs or revenues; and

* Indicates Change.

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NAME OF OFFICER TITLE ADDRESS

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.)

- *E. If the Company makes the filing provided for in B above and a party challenges the inclusion, such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new charge type, a party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP, T or OSSR, as the case may be. A party wishing to challenge the inclusion of a charge type shall include in its filing the reasons why it believes the Company did not show that the new charge type possesses the characteristics of the costs or revenues listed in Factors PP, T or OSSR, as the case may be, and its filing shall be made within 30 days of the Company's filing under B above. In the event of a timely challenge, the Company shall bear the burden of proof to support its decision to include a new charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P; and

- *F. A party other than the Company may seek the inclusion of a new charge type in a FAR filing by making a filing with the Commission no less than 60 days before the Company's next FAR filing. Such a filing shall give the Commission notice that such party believes the new charge type should be included because it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP, T or OSSR, as the case may be. The party's filing shall identify the proposed accounts affected by such change, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP, T or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements. If a party makes the filing provided for by this paragraph F and a party (including the Company) challenges the inclusion, such challenge will not delay inclusion of the new charge type in the FAR filing or delay approval of the FAR filing. To challenge the inclusion of a new charge type, the challenging party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP, T or OSSR, as the case may be. The challenging party shall make its filing challenging the inclusion and stating the reasons why it believes the new charge type does not possess the characteristic of the costs or revenues

*Indicates Change.

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.8

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

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.)

listed in Factors PP, T or OSSR, as the case may be, within 30 days of the filing that seeks inclusion of the new charge type. In the event of a timely challenge, the party seeking the inclusion of the new charge type shall bear the burden of proof to support its contention that the new charge type should be included in the Company's FAR filings. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

* Should FERC require any item covered by factors FC, PP, T, 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, T, 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.

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), plus transmission costs and revenues (consistent with term T), 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 (BF_{SUMMER}) is \$0.01266 per kWh. The BF applicable to October through May calendar months (BF_{WINTER}) is \$0.01208 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), 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).

*Indicates Change.

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MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.9

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

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.)

- 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) 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. 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.
- **PFAR = The Preliminary FAR, which is the sum of FAR_{RP} and $FAR_{(RP-1)}$
- 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} .

*Indicates Change. **Indicates Addition.

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MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.10

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

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.)

**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 baseline rate as determined under Section 393.1655.4 by the 2.85% Compound Annual Growth Rate compounded for the amount of time 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 1.0476%.

*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})	1.0570
Primary Voltage Service (VAF _{PRI})	1.0194

** Customers served by the Company under Service Classification No. 11(M), Large Primary Service, shall have their rate capped such that their FARLPS does not exceed RACLPS, 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 baseline 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 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.

*Indicates Change. **Indicates Addition.

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MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 71.11

CANCELLING MO.P.S.C. SCHEDULE NO. _____ SHEET NO. _____

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.)

*Where the Initial Rate Component for Primary Customers 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 =
(((Initial Rate Component For Primary Customers- 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 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)

The FAR applicable to the individual Service Classifications 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.

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.

*Indicates Addition. **Indicates Change.

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

Original

SHEET NO. 71.12

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

SHEET NO. _____

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.)

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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DATE EFFECTIVE August 2, 2019

ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

APPLYING TO MISSOURI SERVICE AREA

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

***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 Spinning Reserve Amount;	Real Time MVP Distribution;
DA Supplemental Reserve Amount;	RT Net Inadvertent Distribution Amount;
DA Virtual Energy Amount;	RT Net Regulation Adjustment Amount;
FTR Annual Transaction Amount;	RT Non-Asset Energy Amount;
FTR ARR Revenue Amount;	RT Non-Excessive Energy Amount;
FTR ARR Stage 2 Distribution;	RT Price Volatility Make Whole Payment;
FTR Full Funding Guarantee Amount;	RT Regulation Amount;
FTR Guarantee Uplift Amount;	RT Regulation Cost Distribution Amount;
FTR Hourly Allocation Amount;	RT Resource Adequacy Auction Amount;
FTR Infeasible ARR Uplift Amount;	RT Revenue Neutrality Uplift Amount;
FTR Monthly Allocation Amount;	RT Revenue Sufficiency Guarantee First Pass Dist Amount;
FTR Monthly Transaction Amount;	RT Revenue Sufficiency Guarantee Make Whole Payment Amount;
FTR Yearly Allocation Amount;	RT Spinning Reserve Amount;
FTR Transaction Amount;	RT Spinning Reserve Cost Distribution Amount;
	RT Supplemental Reserve Amount;
	RT Supplemental Reserve Cost Distribution Amount;
	RT Virtual Energy 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 Schedule 11 (Wholesale Distribution);	MISO Schedule 47 (Entergy Operating Companies MISO Transition Cost Recovery);
MISO Schedules 26, 26A, 37 & 38 (MTEP & MVP Cost Recovery);	
MISO Schedules 26-C & 26-D - (TMEP Cost Recovery);	
MISO Schedule 33 (Black Start Service);	

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

DA Market Administration Amount;	RT Market Administration Amount;
DA Schedule 24 Allocation Amount;	RT Schedule 24 Allocation Amount;
FTR Market Administration Amount;	RT Schedule 24 Distribution Amount;
Schedule 10 - ISO Cost Recovery Adder;	Schedule 10 - FERC - Annual Charges Recovery;

* Indicates Change.

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RIDER FAC

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

FAC CHARGE TYPE TABLE (Cont'd.)

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;

*Indicates Change.

RIDER FAC

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

FAC CHARGE TYPE TABLE (Cont'd.)

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 Regulation Deployment Adjustment;
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 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.)

**** 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**

- Transmission Schedule 1A - Tariff Administrative Fee;
- Transmission Schedule 12 - FERC Assessment;

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APPLYING TO MISSOURI SERVICE AREA

RIDER FAC

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

(Applicable To Calculation of Fuel Adjustment Rate for the Calendar Months of XXXXXX through XXXXX)

*Calculation of Current Fuel Adjustment Rate (FAR):

Accumulation Period Ending:

* 1.	Actual Net Energy Cost = (ANEC) (FC+PP+E+R+T-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.	Preliminary Fuel Adjustment Rate (PFAR)	=	\$0.00000/kWh
**10.	Rate Adjustment Cap (RAC)	=	\$0.00000/kWh
*11.	Fuel Adjustment Rate (FAR, lesser of PFAR and RAC)	=	\$0.00000/kWh
<u>**Initial Rate Component for the Individual Service Classifications</u>			
*12.	Secondary Voltage Adjustment Factor (VAF _{SEC})		1.0570
13.	Initial Rate Component for Secondary Customers		\$0.00000/kWh
*14.	Primary Voltage Adjustment Factor (VAF _{PRI})		1.0194
15.	Initial Rate Component for Primary Customers		\$0.00000/kWh
<u>**FAR Applicable to the Individual Service Classifications</u>			
16.	RAC _{LPS}	=	\$0.00000/kWh
17.	FAR for Large Primary Service (FAR _{LPS} , lesser of 15 and 16)	=	\$0.00000/kWh
18.	Difference (Line 15 - Line 17)	=	\$0.00000/kWh
19.	Estimated Recovery Period Metered Sales for LPS (SLPS)		kWh
20.	FAR Shortfall Adder (Line 18 x Line 19)		\$
21.	Per kWh FAR Shortfall Adder (Line 20 / (Line 6 - SRP-LPS))	=	\$0.00000/kWh
22.	FAR for Secondary Customers (FAR _{SEC}) (Line 13 + (Line 21 x Line 12))	=	\$0.00000/kWh
23.	FAR for Primary Customers (FAR _{PRI}) (Line 15 + (Line 21 x Line 14))	=	\$0.00000/kWh

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3rd Revised

SHEET NO. 75

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

2nd 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 \$1.15/kW of billing demand for customers taking service at 34.5 or 69kV.
- *2. A monthly credit of \$1.37/kW of billing demand for customers taking service at 115kV or higher.

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RIDER I

*SECONDARY SERVICE OFF-PEAK DEMAND PROVISIONS

A. The monthly billing demand of any non-residential customer who is taking secondary service shall, upon their request be determined as follows:

The billing demand in any month will be the highest demand established during peak hours or 50% of the highest demand established during off-peak hours, whichever is highest during the month, but in no event less than 100 kW.

Peak hours and off-peak hours are defined as follows:

Peak hours - 10:00 A.M. to 10:00 P.M., Monday through Friday.

Off-peak hours - 10:00 P.M. of Monday through Thursday to 10:00 A.M. of the following day, and from 10:00 P.M. Friday to 10:00 A.M. Monday.

- The entire 24 hours of the following days:

- | | |
|------------------|---------------------|
| New Year's Day | Thanksgiving Day |
| Good Friday | Thanksgiving Friday |
| Memorial Day | Christmas Eve Day |
| Independence Day | Christmas Day |
| Labor Day | |

All times stated above apply to the local effective time.

B. If advanced metering is not installed, Customer shall pay for all metering equipment necessary for the application of the provisions of this Rider at the charges specified in Section IV.B - Additional Metering.

C. This Rider, if requested by customer without advanced metering, shall remain in effect for an initial period of three (3) years and shall be terminable thereafter on three (3) days' notice.

D. Customers with advanced metering installed will automatically have the provisions under Rider I applied without request.

* Indicates Change.

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SHEET NO. 83

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

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

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2nd Revised

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

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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	0.045970	0.054094
February	0.047182	0.055695
March	0.048770	0.058252
April	0.049164	0.058984
May	0.051328	0.061717
June	0.102387	0.091987
July	0.102387	0.091987
August	0.102387	0.091987
September	0.102387	0.091987
October	0.048519	0.059548
November	0.050931	0.061122
December	0.047630	0.057174

Month	MISC./AIR COMP./ PROCESS/MOTORS			COOLING			EXT LIGHTING		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.034932	0.034820	0.028014	0.026852	0.024126	0.017801	0.026876	0.025785	0.019520
February	0.036218	0.035344	0.028937	0.027555	0.024249	0.017801	0.027573	0.024269	0.019641
March	0.034636	0.035974	0.024975	0.026969	0.024408	0.025599	0.026986	0.024648	0.014413
April	0.035484	0.035351	0.027612	0.040424	0.037743	0.028646	0.029288	0.025693	0.019334
May	0.038468	0.037884	0.031736	0.065052	0.072675	0.057859	0.029427	0.024981	0.018097
June	0.069651	0.068766	0.055541	0.090783	0.096082	0.082689	0.046796	0.039195	0.021687
July	0.067181	0.067093	0.054226	0.084321	0.089348	0.077258	0.045451	0.039119	0.021116
August	0.069209	0.067769	0.052677	0.088398	0.092037	0.076688	0.046561	0.039227	0.021749
September	0.067299	0.066441	0.053193	0.107381	0.118992	0.104595	0.046719	0.039497	0.021718
October	0.037557	0.036834	0.032864	0.040965	0.037612	0.031694	0.028217	0.024701	0.018033
November	0.038333	0.037081	0.031745	0.028785	0.024532	0.030716	0.028940	0.024692	0.017828
December	0.035483	0.033275	0.029189	0.027621	0.024294	0.017801	0.027804	0.024316	0.018008

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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	0.040551	0.041901	0.034294	0.037201	0.037476	0.030465	0.034217	0.033691	0.025364
February	0.042717	0.043201	0.036007	0.038064	0.037322	0.030830	0.035502	0.034232	0.025839
March	0.042208	0.048769	0.035241	0.035394	0.037740	0.026484	0.033781	0.035284	0.023561
April	0.053065	0.060407	0.045764	0.038074	0.038567	0.030252	0.035710	0.035272	0.027220
May	0.053863	0.057529	0.048371	0.041612	0.041104	0.034807	0.038107	0.036540	0.029826
June	0.089856	0.094878	0.081592	0.073714	0.074006	0.061017	0.067376	0.058390	0.052347
July	0.083898	0.088795	0.076722	0.071016	0.072038	0.059642	0.064887	0.064214	0.046595
August	0.087832	0.091320	0.076000	0.073147	0.072730	0.057856	0.066972	0.065043	0.047707
September	0.102189	0.112145	0.098724	0.069665	0.069533	0.056567	0.065198	0.063795	0.049044
October	0.056929	0.060244	0.056117	0.040653	0.039926	0.036254	0.036958	0.035439	0.030860
November	0.050998	0.052568	0.045587	0.040536	0.039313	0.034014	0.037676	0.035836	0.028643
December	0.041327	0.039171	0.035957	0.036840	0.034246	0.030356	0.035011	0.032369	0.027579

Month	COOK.			DHW			HEAT.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.035379	0.033269	0.026580	0.034976	0.031906	0.025317	0.040551	0.039373	0.032154
February	0.035715	0.034373	0.027116	0.034976	0.033448	0.025809	0.042740	0.038339	0.032526
March	0.034206	0.037395	0.026481	0.033138	0.036611	0.025653	0.042814	0.039810	0.027066
April	0.038695	0.039247	0.030959	0.038030	0.038396	0.030201	0.061314	0.037621	0.031209
May	0.041043	0.040344	0.034101	0.040620	0.039779	0.033565	0.042512	0.036145	0.030017
June	0.074707	0.075287	0.062601	0.074627	0.075184	0.064594	0.046371	0.038689	0.021040
July	0.071821	0.072213	0.052249	0.071822	0.071124	0.049686	0.045041	0.038607	0.021040
August	0.074219	0.074080	0.055500	0.074153	0.073998	0.054746	0.046155	0.038740	0.021040
September	0.071240	0.071592	0.058809	0.070330	0.070402	0.057513	0.075759	0.068954	0.055936
October	0.039943	0.039053	0.035698	0.039530	0.038547	0.035667	0.065420	0.039550	0.034292
November	0.039459	0.039444	0.031053	0.039320	0.038898	0.029876	0.052109	0.036413	0.039550
December	0.036494	0.032774	0.031150	0.036385	0.032006	0.030710	0.041334	0.035937	0.028057

Month	OFFICE			VENT		
	3M	4M	11M	3M	4M	11M
January	0.034974	0.034139	0.027384	0.033213	0.032560	0.025923
February	0.035430	0.034017	0.027370	0.033842	0.032034	0.025890
March	0.033907	0.034617	0.023689	0.032546	0.032960	0.022242
April	0.035765	0.035315	0.027541	0.035419	0.034766	0.027135
May	0.039021	0.037646	0.031501	0.038047	0.036350	0.030220
June	0.068077	0.066731	0.053201	0.066342	0.064488	0.050927
July	0.065733	0.065158	0.051414	0.064488	0.063633	0.049483
August	0.067685	0.065850	0.050427	0.066417	0.064255	0.048974
September	0.064771	0.063139	0.049541	0.063943	0.062059	0.048328
October	0.038028	0.036709	0.032718	0.037002	0.035454	0.031273
November	0.038016	0.036212	0.030587	0.035892	0.033417	0.028084
December	0.034872	0.032005	0.027853	0.034507	0.031896	0.027326

* Indicates Change.

DATE OF ISSUE July 3, 2019 DATE EFFECTIVE August 2, 2019

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

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 92.3

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st 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	\$187.00/month	\$187.00/month	\$187.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.64/kW	\$0.64/kW	\$0.77/kW
Facilities Charge per month per kW of Contracted Standby Demand:			
Summer	\$3.84/kW	\$3.14/kW	\$3.14/kW
Winter	\$0.94/kW	\$0.65/kW	\$0.65/kW
Daily Standby Demand Rate – Summer			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.04/kW	\$0.04/kW	\$1.06/kW
Maintenance	\$0.02/kW	\$0.02/kW	\$0.53/kW
Daily Standby Demand Rate - Winter			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.02/kW	\$0.02/kW	\$0.51/kW
Maintenance	\$0.01/kW	\$0.01/kW	\$0.25/kW
Back-Up Energy Charges – Summer			
kWh in excess of Supplemental Contract Capacity			
Energy ⁽¹⁾	9.95¢/kWh	9.62¢/kWh	3.33¢/kWh
On-Peak Energy ⁽²⁾	11.13¢/kWh	10.48¢/kWh	3.98¢/kWh
Off-Peak Energy ⁽²⁾	9.28¢/kWh	9.14¢/kWh	2.97¢/kWh
Back-Up Energy Charges – Winter			
kWh in excess of Supplemental Contract Capacity			
Energy ⁽¹⁾	6.25¢/kWh	6.06¢/kWh	2.95¢/kWh
On-Peak Energy ⁽²⁾	6.61¢/kWh	6.38¢/kWh	3.24¢/kWh
Off-Peak Energy ⁽²⁾	6.05¢/kWh	5.89¢/kWh	2.78¢/kWh
High Voltage Facilities Charge Discount			
Facilities Charge Credit per month per kW of Contracted Standby Demand			
@ 34.5 or 69kV			
@ 115kV or higher	N/A	\$1.15/kW	\$1.15/kW
	N/A	\$1.37/kW	\$1.37/kW

(1) Applicable to customers not on TOD rates.

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

*Indicates Change.

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

GENERAL RULES AND REGULATIONS

II. CHARACTERISTICS OF SERVICE SUPPLIED (Cont'd.)

I. SERVICE TO DOWNTOWN ST. LOUIS UNDERGROUND DISTRICT (Cont'd.)

Where in Company's judgement it is impractical or inadvisable to supply a customer's new or increased load from the gridded or spot networks, customer will be required to provide at no cost to the Company an indoor substation room at or one level below grade, constructed in accordance with Company's specifications, and transfer all electrical load to the new connection point. In such instances requiring an indoor substation, customer may, with the Company's approval, accept responsibility for all excess costs incurred by Company in continuing to provide all or a portion of customer's service from the gridded network solely for customer's benefit.

*J. NON-STANDARD SERVICE

Changes in business practices and regulatory and legal requirements will, from time to time, result in the Company serving or billing a limited number of customers in a manner that is currently considered a non-standard form of service. Such non-standard service includes, but is not limited to, voltages, frequencies, metering equipment, metering locations, electrical distribution system supply facilities and configurations, and master and cumulated meter billing situations that are prohibited by current Commission rules and Company tariffs for application to new customers. The continued provision of such non-standard service and billing is limited to the premises presently served by such facilities. These facilities may only be relocated, expanded or enhanced for Company's engineering reasons.

In order to minimize and phase out the number of non-standard service installations and billing applications on its system, Company will, unless otherwise provided for above, discontinue providing any such non-standard service to a premises when a) the premises is remodeled or rehabilitated in any such manner that requires new, modified, enhanced or relocated electrical distribution supply facilities from the Company, or b) the premises become an inactive account for a consecutive period of six (6) months or more.

* Indicates Change.

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

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 129CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 129APPLYING TO MISSOURI SERVICE AREAGENERAL RULES AND REGULATIONSIV. 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 Residential Service 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.

In the normal course of business, Company replacement of meters may occur. To the extent that a customer denies, either through physical impediments, verbal denial or threats of violence, access to property or metering installation, or fails to establish a suitable time for access, customer will be notified, in writing, that failure to provide access will result in customer being considered an opt-out customer not sooner than 30 days after Company's notice. Company's notification will include information for the customer to understand the financial impact of opt-out status.

* Indicates Change.

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NAME OF OFFICER TITLE ADDRESS

APPLYING TO

MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

V. BILLING PRACTICES (Cont'd.)

M. PARTIAL PAYMENTS

If a partial payment is made on a billing including only current charges, the Company shall first credit the payment to the balance outstanding for utility charges before crediting a deposit. If a partial payment is made on a billing which includes a previous balance, the Company will credit the payment first to previous utility charges, then to previous deposit requirements before applying any payment to current charges. No portion of any payment will be applied to special charges until all utility charges are paid in full and all required deposits have been made. (This section reflects a variance from Rule 4 CSR 240-13.020(11) granted by the Commission in Case No. EO-98-263.)

***N. PAPERLESS BILLING**

Residential customers who enroll in paperless billing for the first time, are not currently enrolled in paperless billing, and have not received paperless billing in the past, will receive credit on their monthly bill for a term not to exceed a one-year period. Upon enrollment, the credit will be applied beginning with the Customer's next available billing month. The available monthly credit for qualifying enrollees is listed on Sheet No. 63, Miscellaneous Charges.

* Indicates Change.

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ISSUED BY Michael Moehn
NAME OF OFFICER

President
TITLE

St. Louis, Missouri
ADDRESS

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 170

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 170

APPLYING TO MISSOURI SERVICE AREA

ELECTRIC POWER PURCHASES

ELECTRIC POWER PURCHASES FROM QUALIFYING FACILITIES

1. STANDARD RATES FOR PURCHASE

The standard rates for purchase from a customer with a design capacity of 500 kW or less are as follows:

a. Non-Time - Differentiated Energy Rate

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

Summer 3.15¢ per kWh

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

Winter 2.90¢ per kWh

b. Time-Differentiated Energy Rate

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

Weekday (10 AM - 10 PM) 3.99¢ per kWh

Weekday (10 PM - 10 AM) 2.53¢ per kWh

Saturday, Sunday, Holiday (1) 2.91¢ per kWh

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

Weekday (10 AM - 10 PM) 3.18¢ per kWh

Weekday (10 PM - 10 AM) 2.79¢ per kWh

Saturday, Sunday, Holiday (1) 2.71¢ per kWh

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

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