

MO.P.S.C. SCHEDULE NO. 65th Revised SHEET NO. 163CANCELLING MO.P.S.C. SCHEDULE NO. 64th Revised SHEET NO. 163APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM

(Applicable To Service Provided On Or After December 8, 2019)

PURPOSE

The purpose of this Voluntary Green Program/Pure Power Program (Program) tariff is to provide customers with an option to support renewable energy technologies and education through the purchase of renewable energy credits. One renewable energy certificate (REC) represents the positive environmental attributes associated with 1,000 kWh of electricity generated by renewable energy sources such as: solar, wind, hydroelectric, geothermal, landfill gas, biomass, biodiesel used to generate electricity, agricultural crops or waste, all animal and organic waste, all energy crops and other renewable resources deemed to be Green-e Certified by the Center for Resource Solution's Green-e Standard. Customers participating under this Program will not directly receive any renewable energy commodity or product as a result of their participation. Rather, when a customer signs up for the Program, Company shall purchase and retire Green-e Certified RECs.

\* AVAILABILITY

This tariff is available to customers served under, and may be used in conjunction with, the Company's Electric Service Classifications 1(M) Residential Service Rate, 2(M) Small General Service Rate, 3(M) Large General Service Rate, 4(M) Small Primary Service Rate, 11(M) Large Primary Service Rate, 12(M) Large Transmission Service Rate or 5(M) and 6(M) Street and Outdoor Area Lighting Rates. This tariff is not available to new enrollees after April 1, 2020.

APPLICABILITY

The applicability of this tariff is limited to customers receiving service under the above referenced Service Classifications and who voluntarily agree to participate in this Program pursuant to the provisions herein.

MONTHLY CHARGES

## A. Service Classification No 1(M):

- a) 1.00 cents per metered kWh or,
- b) \$5.00 per 500 kWh block(1) or,
- c) \$10.00 per 1,000 kWh block(1)

## B. Service Classification No 2(M):

- a) 1.00 cents per metered kWh or,
- b) \$10.00 per 1,000 kWh block(1)

## C. Service Classification Nos. 3(M), 4(M), 5(M), 6(M), 11(M), and 12(M):

\$10.00 per 1,000 kWh block(1)

**CANCELLED** (1) Minimum of one half (1/2) block for Residential Service customers and one (1) block for all other customers, regardless of usage. Actual number of blocks will be subject to agreement between Company and customer and not necessarily tied to monthly kWh usage.

June 14, 2020  
Missouri Public  
Service Commission  
JE-2020-0202

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
ER-2019-0335; YE-2020-0164

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2019-0335.

DATE OF ISSUE March 18, 2020

DATE EFFECTIVE April 1, 2020

ISSUED BY Martin J. Lyons Chairman & President St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 64th Revised SHEET NO. 163CANCELLING MO.P.S.C. SCHEDULE NO. 63rd Revised SHEET NO. 163APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM

\*

(Applicable To Service Provided On Or After December 8, 2019)

PURPOSE

The purpose of this Voluntary Green Program/Pure Power Program (Program) tariff is to provide customers with an option to support renewable energy technologies and education through the purchase of renewable energy credits. One renewable energy certificate (REC) represents the positive environmental attributes associated with 1,000 kWh of electricity generated by renewable energy sources such as: solar, wind, hydroelectric, geothermal, landfill gas, biomass, biodiesel used to generate electricity, agricultural crops or waste, all animal and organic waste, all energy crops and other renewable resources deemed to be Green-e Certified by the Center for Resource Solution's Green-e Standard. Customers participating under this Program will not directly receive any renewable energy commodity or product as a result of their participation. Rather, when a customer signs up for the Program, Company shall purchase and retire Green-e Certified RECs.

AVAILABILITY

This tariff is available to customers served under, and may be used in conjunction with, the Company's Electric Service Classifications 1(M) Residential Service Rate, 2(M) Small General Service Rate, 3(M) Large General Service Rate, 4(M) Small Primary Service Rate, 11(M) Large Primary Service Rate, 12(M) Large Transmission Service Rate or 5(M) and 6(M) Street and Outdoor Area Lighting Rates.

APPLICABILITY

The applicability of this tariff is limited to customers receiving service under the above referenced Service Classifications and who voluntarily agree to participate in this Program pursuant to the provisions herein.

MONTHLY CHARGES

## A. Service Classification No 1(M):

- a) 1.00 cents per metered kWh or,
- b) \$5.00 per 500 kWh block(1) or,
- c) \$10.00 per 1,000 kWh block(1)

## B. Service Classification No 2(M):

- a) 1.00 cents per metered kWh or,
- b) \$10.00 per 1,000 kWh block(1)

## C. Service Classification Nos. 3(M), 4(M), 5(M), 6(M), 11(M), and 12(M):

\$10.00 per 1,000 kWh block(1)

- (1) Minimum of one half (1/2) block for Residential Service customers and one (1) block for all other customers, regardless of usage. Actual number of blocks will be subject to agreement between Company and customer and not necessarily tied to monthly kWh usage.

\* Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2020-0077

MO.P.S.C. SCHEDULE NO. 63rd Revised SHEET NO. 163CANCELLING MO.P.S.C. SCHEDULE NO. 62nd Revised SHEET NO. 163APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM

\*

(Applicable To Service Provided On Or After March 17, 2019)

PURPOSE

The purpose of this Voluntary Green Program/Pure Power Program (Program) tariff is to provide customers with an option to support renewable energy technologies and education through the purchase of renewable energy credits. One renewable energy certificate (REC) represents the positive environmental attributes associated with 1,000 kWh of electricity generated by renewable energy sources such as: solar, wind, hydroelectric, geothermal, landfill gas, biomass, biodiesel used to generate electricity, agricultural crops or waste, all animal and organic waste, all energy crops and other renewable resources deemed to be Green-e Certified by the Center for Resource Solution's Green-e Standard. Customers participating under this Program will not directly receive any renewable energy commodity or product as a result of their participation. Rather, when a customer signs up for the Program, Company shall purchase and retire Green-e Certified RECs.

AVAILABILITY

This tariff is available to customers served under, and may be used in conjunction with, the Company's Electric Service Classifications 1(M) Residential Service Rate, 2(M) Small General Service Rate, 3(M) Large General Service Rate, 4(M) Small Primary Service Rate, 11(M) Large Primary Service Rate, 12(M) Large Transmission Service Rate or 5(M) and 6(M) Street and Outdoor Area Lighting Rates.

APPLICABILITY

The applicability of this tariff is limited to customers receiving service under the above referenced Service Classifications and who voluntarily agree to participate in this Program pursuant to the provisions herein.

MONTHLY CHARGES

## A. Service Classification No 1(M):

- a) 1.00 cents per metered kWh or,
- b) \$5.00 per 500 kWh block(1) or,
- c) \$10.00 per 1,000 kWh block(1)

## B. Service Classification No 2(M):

- a) 1.00 cents per metered kWh or,
- b) \$10.00 per 1,000 kWh block(1)

## C. Service Classification Nos. 3(M), 4(M), 5(M), 6(M), 11(M), and 12(M):

\$10.00 per 1,000 kWh block(1)

- (1) Minimum of one half (1/2) block for Residential Service customers and one (1) block for all other customers, regardless of usage. Actual number of blocks will be subject to agreement between Company and customer and not necessarily tied to monthly kWh usage.

\* Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2019-0156

CANCELLED  
December 8, 2019  
Missouri Public  
Service Commission  
JE-2020-0077

DATE OF ISSUE	<u>February 15, 2019</u>	DATE EFFECTIVE	<u>March 17, 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. 62nd Revised SHEET NO. 163CANCELLING MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 163APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM

\*

(Applicable To Service Provided On Or After December 30, 2018)

PURPOSE

The purpose of this Voluntary Green Program/Pure Power Program (Program) tariff is to provide customers with an option to support renewable energy technologies and education through the purchase of renewable energy credits. One renewable energy certificate (REC) represents the positive environmental attributes associated with 1,000 kWh of electricity generated by renewable energy sources such as: solar, wind, hydroelectric, geothermal, landfill gas, biomass, biodiesel used to generate electricity, agricultural crops or waste, all animal and organic waste, all energy crops and other renewable resources deemed to be Green-e Certified by the Center for Resource Solution's Green-e Standard. Customers participating under this Program will not directly receive any renewable energy commodity or product as a result of their participation. Rather, when a customer signs up for the Program, Company shall purchase and retire Green-e Certified RECs.

AVAILABILITY

This tariff is available to customers served under, and may be used in conjunction with, the Company's Electric Service Classifications 1(M) Residential Service Rate, 2(M) Small General Service Rate, 3(M) Large General Service Rate, 4(M) Small Primary Service Rate, 11(M) Large Primary Service Rate, 12(M) Large Transmission Service Rate or 5(M) and 6(M) Street and Outdoor Area Lighting Rates.

APPLICABILITY

The applicability of this tariff is limited to customers receiving service under the above referenced Service Classifications and who voluntarily agree to participate in this Program pursuant to the provisions herein.

MONTHLY CHARGES

## A. Service Classification No 1(M):

- a) 1.00 cents per metered kWh or,
- b) \$5.00 per 500 kWh block(1) or,
- c) \$10.00 per 1,000 kWh block(1)

## B. Service Classification No 2(M):

- a) 1.00 cents per metered kWh or,
- b) \$10.00 per 1,000 kWh block(1)

## C. Service Classification Nos. 3(M), 4(M), 5(M), 6(M), 11(M), and 12(M):

\$10.00 per 1,000 kWh block(1)

- (1) Minimum of one half (1/2) block for Residential Service customers and one (1) block for all other customers, regardless of usage. Actual number of blocks will be subject to agreement between Company and customer and not necessarily tied to monthly kWh usage.

\* Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2019-0107

CANCELLED  
March 17, 2019  
Missouri Public  
Service Commission  
JE-2019-0156

DATE OF ISSUE	<u>November 30, 2018</u>	DATE EFFECTIVE	<u>December 30, 2018</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. 61st Revised SHEET NO. 163CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 163APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM

(Applicable To Service Provided On Or After December 15, 2017)

PURPOSE

The purpose of this Voluntary Green Program/Pure Power Program (Program) tariff is to provide customers with an option to support renewable energy technologies and education through the purchase of renewable energy credits. One renewable energy certificate (REC) represents the positive environmental attributes associated with 1,000 kWh of electricity generated by renewable energy sources such as: solar, wind, hydroelectric, geothermal, landfill gas, biomass, biodiesel used to generate electricity, agricultural crops or waste, all animal and organic waste, all energy crops and other renewable resources deemed to be Green-e Certified by the Center for Resource Solution's Green-e Standard. Customers participating under this Program will not directly receive any renewable energy commodity or product as a result of their participation. Rather, when a customer signs up for the Program, Company shall purchase and retire Green-e Certified RECs.

\*AVAILABILITY

This tariff is available to customers served under, and may be used in conjunction with, the Company's Electric Service Classifications 1(M) Residential Service Rate, 2(M) Small General Service Rate, 3(M) Large General Service Rate, 4(M) Small Primary Service Rate, 11(M) Large Primary Service Rate, 12(M) Large Transmission Service Rate or 5(M) and 6(M) Street and Outdoor Area Lighting Rates.

APPLICABILITY

The applicability of this tariff is limited to customers receiving service under the above referenced Service Classifications and who voluntarily agree to participate in this Program pursuant to the provisions herein.

\*MONTHLY CHARGES

- A. Service Classification No 1(M):
- a) 1.00 cents per metered kWh or,
  - b) \$5.00 per 500 kWh block(1) or,
  - c) \$10.00 per 1,000 kWh block(1)

- B. Service Classification No 2(M):
- a) 1.00 cents per metered kWh or,
  - b) \$10.00 per 1,000 kWh block(1)

- C. Service Classification Nos. 3(M), 4(M), 5(M), 6(M), 11(M), and 12(M):  
\$10.00 per 1,000 kWh block(1)

- (1) Minimum of one half (1/2) block for Residential Service customers and one (1) block for all other customers, regardless of usage. Actual number of blocks will be subject to agreement between Company and customer and not necessarily tied to monthly kWh usage.

\* Indicates Change

**FILED**  
**Missouri Public**  
**Service Commission**  
**JE-2018-0060**

CANCELLED  
December 30, 2018  
Missouri Public  
Service Commission  
JE-2019-0107

DATE OF ISSUE	<u>November 15, 2017</u>	DATE EFFECTIVE	<u>December 15, 2017</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. 6Original SHEET NO. 163

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM

(Applicable To Service Provided On Or After May 1, 2013)

PURPOSE

The purpose of this Voluntary Green Program/Pure Power Program (Program) tariff is to provide customers with an option to support renewable energy technologies and education through the purchase of renewable energy credits. One renewable energy certificate (REC) represents the positive environmental attributes associated with 1,000 kWh of electricity generated by renewable energy sources such as: solar, wind, hydroelectric, geothermal, landfill gas, biomass, biodiesel used to generate electricity, agricultural crops or waste, all animal and organic waste, all energy crops and other renewable resources deemed to be Green-e Certified by the Center for Resource Solution's Green-e Standard. Customers participating under this Program will not directly receive any renewable energy commodity or product as a result of their participation. Rather, when a customer signs up for the Program, Company shall purchase and retire Green-e Certified RECs.

AVAILABILITY

This tariff is available to customers served under, and may be used in conjunction with, the Company's Electric Service Classifications 1(M) Residential Service Rate, 2(M) Small General Service Rate, 3(M) Large General Service Rate, 4(M) Small Primary Service Rate, 11(M) Large Primary Service Rate, 12(M) Large Transmission Service Rate, 5(M) and 6(M) Street and Outdoor Area Lighting Rates, or 7(M) Municipal Street Lighting Rate.

APPLICABILITY

The applicability of this tariff is limited to customers receiving service under the above referenced Service Classifications and who voluntarily agree to participate in this Program pursuant to the provisions herein.

MONTHLY CHARGES

## A. Service Classification No 1(M):

- a) 1.00 cents per metered kWh or,
- b) \$5.00 per 500 kWh block(1) or,
- c) \$10.00 per 1,000 kWh block(1)

## B. Service Classification No 2(M):

- a) 1.00 cents per metered kWh or,
- b) \$10.00 per 1,000 kWh block(1)

C. Service Classification Nos. 3(M), 4(M), 5(M), 6(M), 7(M), 11(M), and 12(M):  
\$10.00 per 1,000 kWh block(1)

- (1) Minimum of one half (1/2) block for Residential Service customers and one (1) block for all other customers, regardless of usage. Actual number of blocks will be subject to agreement between Company and customer and not necessarily tied to monthly kWh usage.

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

CANCELLED  
December 15, 2017  
Missouri Public  
Service Commission  
JE-2018-0060

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 69th RevisedSHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 68th RevisedSHEET NO. 163.1

APPLYING TO

MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

\*TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this pilot Program shall end on December 31, 2024. Prior to that date, Company will periodically notify all pilot Program customers of the future expiration of the pilot Program, and for those customers that qualify for Company's Rider CSP - Community Solar program, offer an opportunity to transition to that program. Pilot Program customers that choose to transition will be given priority for Rider CSP enrollment or on any waitlist and will be considered to have been enrolled in Rider CSP from the date of their pilot Program enrollment. All other pilot Program customers will be notified of any alternative renewable energy programs offered by Company, and for which they are eligible, prior to the expiration of this pilot Program.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
ER-2019-0335; YE-2022-0249

DATE OF ISSUE April 20, 2022DATE EFFECTIVE May 20, 2022ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 68th RevisedSHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 67th RevisedSHEET NO. 163.1

APPLYING TO

MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

\*TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this pilot Program shall end on June 30, 2022. Prior to that date, Company will either i) notify customers of the expiration of the pilot Program and notify customer of alternative renewable energy programs offered by Company or ii) seek approval from the Missouri Public Service Commission for a new tariff that will replace this pilot Program.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

CANCELLED  
May 20, 2022  
Missouri Public  
Service Commission  
ER-2019-0335; YE-2022-0249  
\* Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2021-0158

DATE OF ISSUE February 5, 2021DATE EFFECTIVE March 7, 2021ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 67th RevisedSHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 66th RevisedSHEET NO. 163.1

APPLYING TO

MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

\*TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this pilot Program shall end on June 30, 2021. Prior to that date, Company will either i) notify customers of the expiration of the pilot Program and notify customer of alternative renewable energy programs offered by Company or ii) seek approval from the Missouri Public Service Commission for a new tariff that will replace this pilot Program.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

CANCELLED  
March 5, 2021  
Missouri Public  
Service Commission  
JE-2021-0158

\* Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2020-0202

DATE OF ISSUE May 15, 2020DATE EFFECTIVE June 14, 2020ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 66th RevisedSHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 65th RevisedSHEET NO. 163.1

APPLYING TO

MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)

\*

(Applicable To Service Provided On Or After December 8, 2019)

COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

\*TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this pilot Program shall end on June 30, 2020. Prior to that date, Company will either i) notify customers of the expiration of the pilot Program and notify customer of alternative renewable energy programs offered by Company or ii) seek approval from the Missouri Public Service Commission for a new tariff that will modify or replace this pilot Program.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

CANCELLED  
June 14, 2020  
Missouri Public  
Service Commission  
JE-2020-0202

FILED  
Missouri Public  
Service Commission  
JE-2020-0077

\* Indicates Change

DATE OF ISSUE November 8, 2019DATE EFFECTIVE December 8, 2019ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 65th Revised SHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 64th Revised SHEET NO. 163.1APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)

\* (Applicable To Service Provided On Or After March 17, 2019)

COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

\*TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this pilot Program shall end on December 31, 2019. Prior to that date, Company will either i) notify customers of the expiration of the pilot Program and notify customers of alternative renewable energy programs offered by Company or ii) seek approval from the Missouri Public Service Commission for a new tariff that will modify or replace this pilot Program.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

\* Indicates Change

DATE OF ISSUE	<u>February 15, 2019</u>	DATE EFFECTIVE	<u>March 17, 2019</u>
ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

CANCELLED  
December 8, 2019  
Missouri Public  
Service Commission  
JE-2020-0077

FILED  
Missouri Public  
Service Commission  
JE-2019-0156

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 64th Revised SHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 63rd Revised SHEET NO. 163.1APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)

\* (Applicable To Service Provided On Or After December 30, 2018)

COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

\*TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this Program shall end on March 31, 2019.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

\* Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2019-0107DATE OF ISSUE November 30, 2018DATE EFFECTIVE December 30, 2018ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLESt. Louis, Missouri  
ADDRESSCANCELLED  
March 17, 2019  
Missouri Public  
Service Commission  
JE-2019-0156

**UNION ELECTRIC COMPANY****ELECTRIC SERVICE**MO.P.S.C. SCHEDULE NO. 63rd RevisedSHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 163.1APPLYING TO MISSOURI SERVICE AREA**PILOTS, VARIANCES AND PROMOTIONAL PRACTICES****G. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)****(Applicable To Service Provided On Or After December 15, 2017)****COMPANY OBLIGATIONS**

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

**\*TERMS AND CONDITIONS**

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this Program shall end on December 31, 2018.

**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 added to bills rendered to customers under the jurisdiction of the taxing authority.

**FILED**  
**Missouri Public**  
**Service Commission**  
**JE-2018-0060**

\* Indicates Change

CANCELLED  
December 30, 2018  
Missouri Public  
Service Commission  
JE-2019-0107

DATE OF ISSUE	<u>November 15, 2017</u>	DATE EFFECTIVE	<u>December 15, 2017</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. 62nd Revised SHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 163.1APPLYING TO MISSOURI SERVICE AREA**PILOTS, VARIANCES AND PROMOTIONAL PRACTICES****G. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)****(Applicable To Service Provided On Or After May 1, 2013)****COMPANY OBLIGATIONS**

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

**\*TERMS AND CONDITIONS**

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this Program shall end on December 31, 2017.

**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 added to bills rendered to customers under the jurisdiction of the taxing authority.

\* Indicates Change

**FILED**  
**Missouri Public**  
**Service Commission**  
**JE-2017-0184**

<b>CANCELLED</b> December 15, 2017 Missouri Public Service Commission JE-2018-0060	DATE OF ISSUE <u>March 27, 2017</u>	DATE EFFECTIVE <u>April 26, 2017</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. 61st Revised SHEET NO. 163.1CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 163.1APPLYING TO MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)

(Applicable To Service Provided On Or After May 1, 2013)

COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

\*TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this Program shall end on April 30, 2017.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

\* Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2016-0251

CANCELLED  
April 26, 2017  
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Service Commission  
JE-2017-0184

DATE OF ISSUE	<u>March 31, 2016</u>	DATE EFFECTIVE	<u>April 30, 2016</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. 6OriginalSHEET NO. 163.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREAPILOTS, VARIANCES AND PROMOTIONAL PRACTICESG. VOLUNTARY GREEN PROGRAM/PURE POWER PROGRAM (Cont'd.)

(Applicable To Service Provided On Or After May 1, 2013)

COMPANY OBLIGATIONS

The Company will purchase RECs from its contractual partner, 3 Degrees Inc, its successor, or assignee, in sufficient quantities to match the units billed under this tariff. Title to the RECs will rest with the Company and the Company will in turn retire such RECs on behalf of the customers participating in the Program and not for any other purpose. Additionally, the Company's Program will be Green-e Certified® by the nonprofit Center for Resource Solutions.

TERMS AND CONDITIONS

Charges for participation under this tariff shall be added to customer billings from Company for electric service. Customers will be able to withdraw or cancel participation in this Program at any time by notifying the Company. In addition, under no circumstances will the Company's late pay charge or disconnection of service provisions as they relate to charges under this tariff be applied or implemented.

Services offered under this Program shall end on April 30, 2016.

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 added to bills rendered to customers under the jurisdiction of the taxing authority.

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

CANCELLED  
April 30, 2016  
Missouri Public  
Service Commission  
JE-2016-0251

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 164

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

APPLYING TO MISSOURI SERVICE AREA

THIS SHEET RESERVED FOR FUTURE USE

CANCELLED  
October 27, 2019  
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Service Commission  
ET-2018-0132; YE-2020-0025

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Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	May 31, 2013	DATE EFFECTIVE	June 30, 2013
ISSUED BY	Warner L. Baxter	President & CEO	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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

Original

SHEET NO. 164.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****CHARGE AHEAD - ELECTRIC VEHICLES PROGRAM (Cont'd.)****DEFINITIONS (Cont'd.)**

Line Extension Charge - The "Extension Charge" defined in Company's General Rules & Regulations, III. Distribution System Extensions for Company facilities that must be constructed to provide service to the EVSE site.

Multi-family Charging - Level 2 Charging EVSE that is located at a residential premises with multiple leased dwelling units.

Public Charging - EVSE that is available to the general public or the customers of an establishment that is open to the general public, including but not limited to government facilities, libraries, parks, retail establishments, and restaurants.

Site Development Costs - Costs for activities necessary to facilitate the installation of EV Charging Infrastructure to make a site suitable including EVSE pedestals, professional design, grading, asphalt or concrete, boring or trenching. Costs not directly necessary to installation of EV Charging Infrastructure are not includable as Site Development Costs. Those costs include but are not limited to solar panels, canopies, real estate leases or easements, on site amenities, additional parking, access road work, and decorative features, or other site development work.

Total Project Cost - Cumulative cost of the project including i) Line Extension Charge, ii) Site Development Costs, iii) EVSE Costs, iv) AER Costs, and except for the multi-family category, Demand Mitigation Solution costs.

Workplace Charging - EVSE installed at a non-residential premises intended to provide vehicle charging service to employees, visitors, or fleet vehicles of the business that occupies the premises, but not to the general public. For purposes of this program, fleet vehicles shall include only those classes of vehicles reflected in the "EV" definition provided above, and shall not include vehicles for the personal use of employees or officers provided as a portion of an employee or officer's compensation.

**AVAILABILITY**

This Program is available while funds remain to existing or potential non-residential customers or multi-family property owners (excluding condominiums) that commit to installing, owning, and operating qualifying EV Charging Infrastructure and that are not in collections or have an active payment agreement with Company. Customer must agree to allow Company to access charger usage data to the extent such data is collected by customer or customer's agent.

**TERM**

The Program will begin January 1, 2020 and shall continue for a period of three years, terminating on December 31, 2022. Company may begin accepting applications prior to January 1, 2020 to the extent that it is able to do so. Applications for incentives under each category will be accepted until the earlier of the date that funding is exhausted for the category or September 30, 2022.

CANCELLED  
September 22, 2022  
Missouri Public  
Service Commission  
ET-2018-0132; YE-2023-0044

FILED  
Missouri Public  
Service Commission  
ET-2018-0132; YE-2020-0025

DATE OF ISSUE August 8, 2019DATE EFFECTIVE October 27, 2019  
~~September 7, 2019~~ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLESt. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 164.5

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**CHARGE AHEAD - BUSINESS SOLUTIONS (Cont'd)****PROGRAM PROVISIONS (Cont'd)**

Within thirty (30) calendar days after the Customer submits documentation required by the Company to demonstrate compliance with the foregoing conditions, the Program Administrator or Company will confirm the equipment meets the Eligibility Requirements.

The Program will conduct Customer and Measure eligibility verification for 100 percent of applications during the pre-approval process. The Program will conduct on-site post-installation equipment verification inspections for at least 25 percent of each measure type to ensure the Measures are installed and operating as intended.

The installed equipment must match the equipment listed on the application and the equipment specification sheets provided with the initial application or, to the satisfaction of the Program Administrator or Company, the installed equipment is sufficiently similar to the equipment listed on the application.

To the extent that a Program participant requires the Company to make infrastructure upgrades on its system in order to serve the increase in load that results from Measures incented under the Program, any Extension Allowance calculated under the provisions of the Company's Distribution System Extensions tariff Sheet 111 will be reduced by the total amount of Program incentives that the customer has received.

Preference for participation will be given to customers who agree to incorporate any equipment that allows monitoring of equipment usage. After that, preference will be given to customers who: 1) opt to use Time of Day ("TOD") rates, 2) require less in the way of infrastructure buildout in order to utilize the incentivized equipment, and/or 3) are located in economically challenged areas.

**ELIGIBLE MEASURES AND INCENTIVES**

Measures currently eligible for the Program are included in the following table:

<u>Measure</u>	<u>Description</u>	<u>Incentive</u>	<u>Maximum</u>
Lift Trucks	A vehicle with two power-operated prongs at the front that can be slid under heavy loads and then raised for moving and stacking materials in warehouses, shipping depots, distribution centers, etc. Incentives are only available for Class 1 Lift Trucks having capacity of greater than >6,000 pounds only and which are not replacing existing equipment that utilizes propane as its fuel source.	\$2,500 if purchased \$1,250 if leased	20 total incentives (1)
Electric-standby Truck Refrigeration Unit Electrical Port (E/S-TRUs)	An electrical port powered by the electric grid for the purpose of powering a tractor trailer or box truck refrigeration system until and/or while perishable items are unloaded/loaded.	\$1,600	45 total incentives (1)

(1) Affiliated entities maximum incentive, in aggregate, cannot exceed the amounts indicated where affiliate means, with respect to any entity, each entity that directly or indirectly controls, is controlled by, or is under common control with, such designated entity, with control meaning the possession, directly or indirectly, of the power to direct management and policies, whether through ownership of voting securities (if applicable) or by contract or otherwise.

CANCELLED

May 28, 2022

Missouri Public

Service Commission

ET-2021-0020; YE-2022-0251

DATE OF ISSUE April 30, 2021DATE EFFECTIVE May 30, 2021ISSUED BY Martin J. Lyons

Chairman &amp; President

St. Louis, Missouri

FILED

NAME OF OFFICER

TITLE

ADDRESS

Missouri Public

Service Commission

ET-2021-0020; YE-2021-0194

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 164.6

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREACHARGE AHEAD - BUSINESS SOLUTIONS (Cont'd)VARIANCES

This Program reflects a variance from Rule 20 CSR 4240-14.020(1)(D), (E) and (F) granted by the Commission in File No. ET-2021-0020.

CANCELLED  
May 28, 2022  
Missouri Public  
Service Commission  
ET-2021-0020; YE-2022-0251

DATE OF ISSUE April 30, 2021DATE EFFECTIVE May 30, 2021ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

FILED  
Missouri Public  
Service Commission  
ET-2021-0020; YE-2021-0194

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

Original SHEET NO. 165

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA

THIS SHEET RESERVED FOR FUTURE USE

CANCELLED  
May 26, 2019  
Missouri Public  
Service Commission  
ET-2018-0132; YE-2019-0192

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Missouri Public  
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ET-2013-0546; JE-2013-0582

DATE OF ISSUE May 31, 2013 DATE EFFECTIVE June 30, 2013

ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 166CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 166APPLYING TO MISSOURI SERVICE AREA

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**PILOTS, VARIANCES, AND PROMOTIONAL PRACTICES****K. CRITICAL MEDICAL NEED PILOT PROGRAM****PURPOSE**

The Critical Needs Program (the "Program") is pilot program designed to promote and finance a community-based information resource network that will identify and direct customers with critical medical needs to resources that will help customers:

- Maintain or restore utility services
- Avoid negative impacts on residents with serious medical conditions
- Address build-up of utility arrears
- Provide a streamlined process to complementary services

**ELIGIBILITY**

The Program shall be available to residential customers who have received service under or qualify for any of the rate options contained in Company's Service Classification 1(M) Residential rate and who meet the definition of Critical Medical Need as verified by a certified medical professional.

**DEFINITIONS**

**Critical Medical Need** - A situation, as verified by a certified medical professional, where loss of electric service may aggravate an existing serious illness or may prevent the use of life-support equipment.

**Critical Medical Need Agency** - a community action agency either a local private or a non- profit organization designated by Company to enroll customer's in the Critical Medical Need Pilot Program within their area.

**TERM**

The Program shall be available to qualifying customers for a period of three (3) years commencing when the first funding is released to one (1) or more Critical Medical Need Agency Agency(s).

**PROVISIONS**

Funding level will be as approved by the Commission. Any unspent funding allocated for the Critical Needs Program in a given program year, shall be applied to bill and arrearage assistance programs.

Customers with a verified Critical Medical Need will not be eligible for disconnection for thirty (30) days. Any member of the household with a verified Critical Medical Need may be eligible for extension to secure payment for utility service or make alternate payment arrangements.

\*Indicates Addition.

DATE OF ISSUE February 24, 2023DATE EFFECTIVE March 11, 2023  
~~March 26, 2023~~ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 166

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

APPLYING TO MISSOURI SERVICE AREA

THIS SHEET RESERVED FOR FUTURE USE

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE May 31, 2013 DATE EFFECTIVE June 30, 2013  
ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

CANCELLED - Missouri Public Service Commission - 03/11/2023 - ER-2021-0240 - JE-2023-0165

MO.P.S.C. SCHEDULE NO. 66th RevisedSHEET NO. 170CANCELLING MO.P.S.C. SCHEDULE NO. 65th RevisedSHEET NO. 170

APPLYING TO

MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC 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 5.39¢ per kWh

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

Winter 3.92¢ per kWh

b. Time-Differentiated Energy Rate

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

Weekday (10 AM - 10 PM) 7.05¢ per kWh

Weekday (10 PM - 10 AM) 4.14¢ per kWh

Saturday, Sunday, Holiday (1) 4.89¢ per kWh

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

Weekday (10 AM - 10 PM) 4.28¢ per kWh

Weekday (10 PM - 10 AM) 3.71¢ per kWh

Saturday, Sunday, Holiday (1) 3.76¢ 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.

c. Customer Charge (per meter required for parallel operation)Non-Time Differentiated Energy

Single Phase \$4.00 per month

Three Phase \$6.00 per month

Time Differentiated Energy

Single Phase \$13.00 per month

Three Phase \$15.00 per month

\*Indicates Change.

DATE OF ISSUE January 13, 2023

DATE EFFECTIVE

June 12, 2023February 12, 2023ISSUED BY Mark C. Birk

NAME OF OFFICER

Chairman & President

TITLE

St. Louis, Missouri

ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 65th RevisedSHEET NO. 170CANCELLING MO.P.S.C. SCHEDULE NO. 64th RevisedSHEET NO. 170APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC 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 2.87¢ per kWh

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

Winter 2.84¢ per kWh

b. Time-Differentiated Energy Rate

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

Weekday (10 AM - 10 PM) 3.65¢ per kWh

Weekday (10 PM - 10 AM) 2.24¢ per kWh

Saturday, Sunday, Holiday (1) 2.68¢ per kWh

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

Weekday (10 AM - 10 PM) 3.12¢ per kWh

Weekday (10 PM - 10 AM) 2.77¢ per kWh

Saturday, Sunday, Holiday (1) 2.62¢ 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.

c. Customer Charge (per meter required for parallel operation)Non-Time Differentiated Energy

Single Phase \$4.00 per month

Three Phase \$6.00 per month

Time Differentiated Energy

Single Phase \$13.00 per month

Three Phase \$15.00 per month

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
JE-2021-0138

DATE OF ISSUE January 15, 2021DATE EFFECTIVE February 14, 2021ISSUED BY Martin J. LyonsChairman & PresidentSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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

4th Revised

SHEET NO. 170CANCELLING MO.P.S.C. SCHEDULE NO. 6

3rd Revised

SHEET NO. 170

APPLYING TO

MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC 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.

c. Customer Charge (per meter required for parallel operation)Non-Time Differentiated Energy

Single Phase

\$4.00 per month

Three Phase

\$6.00 per month

Time Differentiated Energy

Single Phase

\$13.00 per month

Three Phase

\$15.00 per month

\*Indicates Revision

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Missouri Public  
Service Commission  
JE-2019-0146

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February 14, 2021  
Missouri Public  
Service Commission  
JE-2021-0138

DATE OF ISSUE

January 15, 2019

DATE EFFECTIVE

February 14, 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. 63rd Revised SHEET NO. 170CANCELLING MO.P.S.C. SCHEDULE NO. 62nd Revised SHEET NO. 170APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC 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 2.68¢ per kWh

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

Winter 2.47¢ per kWh

b. Time-Differentiated Energy Rate

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

Weekday (10 AM - 10 PM) 3.35¢ per kWh

Weekday (10 PM - 10 AM) 2.20¢ per kWh

Saturday, Sunday, Holiday (1) 2.47¢ per kWh

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

Weekday (10 AM - 10 PM) 2.75¢ per kWh

Weekday (10 PM - 10 AM) 2.34¢ per kWh

Saturday, Sunday, Holiday (1) 2.30¢ 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.

c. Customer Charge (per meter required for parallel operation)Non-Time Differentiated Energy

Single Phase \$4.00 per month

Three Phase \$6.00 per month

Time Differentiated Energy

Single Phase \$13.00 per month

Three Phase \$15.00 per month

\*Indicated Revision

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Service Commission  
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February 14, 2019  
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DATE OF ISSUE	<u>August 29, 2018</u>	DATE EFFECTIVE	<u>September 28, 2018</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. 62nd Revised SHEET NO. 170CANCELLING MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 170APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFYING FACILITIES**1. \*STANDARD RATES FOR PURCHASE**

The standard rates for purchase from a customer with a design capacity of 100 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 2.68¢ per kWh

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

Winter 2.47¢ per kWh

b. Time-Differentiated Energy Rate

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

Weekday (10 AM - 10 PM) 3.35¢ per kWh

Weekday (10 PM - 10 AM) 2.20¢ per kWh

Saturday, Sunday, Holiday (1) 2.47¢ per kWh

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

Weekday (10 AM - 10 PM) 2.75¢ per kWh

Weekday (10 PM - 10 AM) 2.34¢ per kWh

Saturday, Sunday, Holiday (1) 2.30¢ 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.

c. Customer Charge (per meter required for parallel operation)Non-Time Differentiated Energy

Single Phase \$4.00 per month

Three Phase \$6.00 per month

Time Differentiated Energy

Single Phase \$13.00 per month

Three Phase \$15.00 per month

\*Indicated Revision

FILED  
Missouri Public  
Service Commission  
JE-2017-0155

CANCELLED  
September 28, 2018  
Missouri Public  
Service Commission  
JE-2019-0038

DATE OF ISSUE	<u>February 2, 2017</u>	DATE EFFECTIVE	<u>March 4, 2017</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. 61st Revised SHEET NO. 170CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 170APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFYING FACILITIES**1. \*STANDARD RATES FOR PURCHASE**

The standard rates for purchase from a customer with a design capacity of 100 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 2.77¢ per kWh

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

Winter 2.65¢ per kWh

b. Time-Differentiated Energy Rate

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

Weekday (10 AM - 10 PM) 3.60¢ per kWh

Weekday (10 PM - 10 AM) 2.16¢ per kWh

Saturday, Sunday, Holiday (1) 2.49¢ per kWh

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

Weekday (10 AM - 10 PM) 2.96¢ per kWh

Weekday (10 PM - 10 AM) 2.48¢ per kWh

Saturday, Sunday, Holiday (1) 2.49¢ 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.

c. Customer Charge (per meter required for parallel operation)Non-Time Differentiated Energy

Single Phase \$4.00 per month

Three Phase \$6.00 per month

Time Differentiated Energy

Single Phase \$13.00 per month

Three Phase \$15.00 per month

CANCELLED  
March 4, 2017  
Missouri Public  
Service Commission  
JE-2017-0155

\*Indicated Revision

FILED  
Missouri Public  
Service Commission  
JE-2015-0239

DATE OF ISSUE January 14, 2015 DATE EFFECTIVE February 13, 2015

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

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 170

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFYING FACILITIES**1. STANDARD RATES FOR PURCHASE**

The standard rates for purchase from a customer with a design capacity of 100 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 2.06¢ per kWh

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

Winter 1.90¢ per kWh

**b. Time-Differentiated Energy Rate**

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

Weekday (10 AM - 10 PM) 2.73¢ per kWh

Weekday (10 PM - 10 AM) 1.63¢ per kWh

Saturday, Sunday, Holiday (1) 1.80¢ per kWh

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

Weekday (10 AM - 10 PM) 2.06¢ per kWh

Weekday (10 PM - 10 AM) 1.84¢ per kWh

Saturday, Sunday, Holiday (1) 1.79¢ 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.

**c. Customer Charge (per meter required for parallel operation)**Non-Time Differentiated Energy

Single Phase \$4.00 per month

Three Phase \$6.00 per month

Time Differentiated Energy

Single Phase \$13.00 per month

Three Phase \$15.00 per month

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

CANCELLED  
February 13, 2015  
Missouri Public  
Service Commission  
JE-2015-0239

DATE OF ISSUE May 31, 2013DATE EFFECTIVE June 30, 2013ISSUED BY Warner L. Baxter  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 170.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFYING FACILITIES (Cont'd.)**2. APPLICATION**

This tariff applies to purchases of electric energy or electric energy and capacity from Qualifying Facilities (hereinafter referred to as "Customer") under the provisions of Rule 4 CSR 240-20.060 of the Missouri Public Service Commission (Commission).

**3. BILLING**

Monthly billing between Company and Customer shall be in accordance with the Contract between the parties.

**4. CONTRACT**

Whether or not purchases are made by Company under the standard rates, the Company shall not be required to make any purchase from Customer until Company and Customer have entered into a written contract for such purchases.

**5. GENERAL RULES AND REGULATIONS**

All provisions of this tariff are subject to all Commission rules and regulations as may be revised from time-to-time. All terms of the tariff are also subject to the Commission's normal complaint and arbitration procedures.

CANCELLED  
March 4, 2017  
Missouri Public  
Service Commission  
JE-2017-0155

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE May 31, 2013DATE EFFECTIVE June 30, 2013ISSUED BY Warner L. Baxter  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

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

5th Revised

SHEET NO. 171CANCELLING MO.P.S.C. SCHEDULE NO. 6

4th Revised

SHEET NO. 171

APPLYING TO

MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS**1. BILLING****a. Energy Pricing and Billing**

Each billing period, Company shall measure the net electrical energy produced or consumed and bill the Customer-Generator as follows:

- i. If the electricity supplied by Company exceeds the electricity supplied by the Customer-Generator to Company, Company's bill will reflect the net electricity supplied by Company and the Customer-Generator's current service classification.
- ii. If the electricity supplied by Company is less than the electricity supplied by the Customer-Generator to Company, Company's bill will include a credit for the net electricity received by Company in accordance with the Net Metering Rate (Avoided Fuel Cost) in Section 1.c) below.

**b. Minimum Bill**

Net metering does not modify or eliminate any Customer obligation(s) or billing provision(s) of the Customer's current rate schedule for delivery of electric power and energy such as the Customer Charge or any minimum billing demand (if applicable).

**c. \*Net Metering Rate (Avoided Fuel Cost)**

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

Summer

5.39¢ per kWh

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

Winter

3.92¢ per kWh

The above rates are updated during each odd-numbered year with the update typically effective February 15.

\*Indicates Change.

DATE OF ISSUE January 13, 2023

DATE EFFECTIVE

June 12, 2023  
February 12, 2023ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

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

4th Revised

SHEET NO. 171CANCELLING MO.P.S.C. SCHEDULE NO. 6

3rd Revised

SHEET NO. 171APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS1. BILLINGa. Energy Pricing and Billing

Each billing period, Company shall measure the net electrical energy produced or consumed and bill the Customer-Generator as follows:

- i. If the electricity supplied by Company exceeds the electricity supplied by the Customer-Generator to Company, Company's bill will reflect the net electricity supplied by Company and the Customer-Generator's current service classification.
- ii. If the electricity supplied by Company is less than the electricity supplied by the Customer-Generator to Company, Company's bill will include a credit for the net electricity received by Company in accordance with the Net Metering Rate (Avoided Fuel Cost) in Section 1.c) below.

b. Minimum Bill

Net metering does not modify or eliminate any Customer obligation(s) or billing provision(s) of the Customer's current rate schedule for delivery of electric power and energy such as the Customer Charge or any minimum billing demand (if applicable).

c. \*Net Metering Rate (Avoided Fuel Cost)

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

Summer

2.87¢ per kWh

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

Winter

2.84¢ per kWh

The above rates are updated during each odd-numbered year with the update typically effective February 15.

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
JE-2021-0138

DATE OF ISSUE January 15, 2021DATE EFFECTIVE February 14, 2021ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

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

3rd Revised

SHEET NO. 171CANCELLING MO.P.S.C. SCHEDULE NO. 6

2nd Revised

SHEET NO. 171APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS**1. BILLING****a. Energy Pricing and Billing**

Each billing period, Company shall measure the net electrical energy produced or consumed and bill the Customer-Generator as follows:

- i. If the electricity supplied by Company exceeds the electricity supplied by the Customer-Generator to Company, Company's bill will reflect the net electricity supplied by Company and the Customer-Generator's current service classification.
- ii. If the electricity supplied by Company is less than the electricity supplied by the Customer-Generator to Company, Company's bill will include a credit for the net electricity received by Company in accordance with the Net Metering Rate (Avoided Fuel Cost) in Section 1.c) below.

**b. Minimum Bill**

Net metering does not modify or eliminate any Customer obligation(s) or billing provision(s) of the Customer's current rate schedule for delivery of electric power and energy such as the Customer Charge or any minimum billing demand (if applicable).

**c. \*Net Metering Rate (Avoided Fuel Cost)**

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

The above rates are updated during each odd-numbered year with the update typically effective February 15.

\*Indicates Revision

FILED  
Missouri Public  
Service Commission  
JE-2019-0146

CANCELLED  
February 14, 2021  
Missouri Public  
Service Commission  
JE-2021-0138

DATE OF ISSUE January 15, 2019DATE EFFECTIVE February 14, 2019ISSUED BY Michael Moehn

President

St. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

MO.P.S.C. SCHEDULE NO. 62nd Revised SHEET NO. 171CANCELLING MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 171APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS**1. BILLING****a. Energy Pricing and Billing**

Each billing period, Company shall measure the net electrical energy produced or consumed and bill the Customer-Generator as follows:

- i. If the electricity supplied by Company exceeds the electricity supplied by the Customer-Generator to Company, Company's bill will reflect the net electricity supplied by Company and the Customer-Generator's current service classification.
- ii. If the electricity supplied by Company is less than the electricity supplied by the Customer-Generator to Company, Company's bill will include a credit for the net electricity received by Company in accordance with the Net Metering Rate (Avoided Fuel Cost) in Section 1.c) below.

**b. Minimum Bill**

Net metering does not modify or eliminate any Customer obligation(s) or billing provision(s) of the Customer's current rate schedule for delivery of electric power and energy such as the Customer Charge or any minimum billing demand (if applicable).

**c. \*Net Metering Rate (Avoided Fuel Cost)**

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

Summer 2.68¢ per kWh

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

Winter 2.47¢ per kWh

The above rates are updated during each odd-numbered year with the update typically effective February 15.

\*Indicates Revision

FILED  
Missouri Public  
Service Commission  
JE-2017-0155

CANCELLED  
February 14, 2019  
Missouri Public  
Service Commission  
JE-2019-0146

DATE OF ISSUE	<u>February 2, 2017</u>	DATE EFFECTIVE	<u>March 4, 2017</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. 61st Revised SHEET NO. 171CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS**1. BILLING****a. Energy Pricing and Billing**

Each billing period, Company shall measure the net electrical energy produced or consumed and bill the Customer-Generator as follows:

- i. If the electricity supplied by Company exceeds the electricity supplied by the Customer-Generator to Company, Company's bill will reflect the net electricity supplied by Company and the Customer-Generator's current service classification.
- ii. If the electricity supplied by Company is less than the electricity supplied by the Customer-Generator to Company, Company's bill will include a credit for the net electricity received by Company in accordance with the Net Metering Rate (Avoided Fuel Cost) in Section 1.c) below.

**b. Minimum Bill**

Net metering does not modify or eliminate any Customer obligation(s) or billing provision(s) of the Customer's current rate schedule for delivery of electric power and energy such as the Customer Charge or any minimum billing demand (if applicable).

**c. \*Net Metering Rate (Avoided Fuel Cost)**

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

Summer 2.77¢ per kWh

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

Winter 2.65¢ per kWh

The above rates are updated during each odd-numbered year with the update typically effective February 15.

CANCELLED  
March 4, 2017  
Missouri Public  
Service Commission  
JE-2017-0155

FILED  
Missouri Public  
Service Commission  
JE-2015-0239

DATE OF ISSUE January 14, 2015DATE EFFECTIVE February 13, 2015ISSUED BY Michael Moehn  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS**1. BILLING****a. Energy Pricing and Billing**

Each billing period, Company shall measure the net electrical energy produced or consumed and bill the Customer-Generator as follows:

- i. If the electricity supplied by Company exceeds the electricity supplied by the Customer-Generator to Company, Company's bill will reflect the net electricity supplied by Company and the Customer-Generator's current service classification.
- ii. If the electricity supplied by Company is less than the electricity supplied by the Customer-Generator to Company, Company's bill will include a credit for the net electricity received by Company in accordance with the Net Metering Rate (Avoided Fuel Cost) in Section 1.c) below.

**b. Minimum Bill**

Net metering does not modify or eliminate any Customer obligation(s) or billing provision(s) of the Customer's current rate schedule for delivery of electric power and energy such as the Customer Charge or any minimum billing demand (if applicable).

**c. Net Metering Rate (Avoided Fuel Cost)**

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

Summer 2.06¢ per kWh

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

Winter 1.90¢ per kWh

The above rates are updated during each odd -numbered year with the update typically effective February 15.

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

CANCELLED  
February 13, 2015  
Missouri Public  
Service Commission  
JE-2015-0239

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)**2. APPLICATION**

This tariff applies to Company purchases of electric energy from Qualified Net Metering Units (hereinafter referred to as "Customer-Generator") under the provisions of Section 386.890RSMo. the 'Net Metering and Easy Connection Act'. The Customer-Generator must meet the general technical requirements, testing requirements, and liability requirements listed under the provisions of Section 386.890RSMo. the 'Net Metering and Easy Connection Act', as well as the requirements specified in the Customer-Generators' applicable rate class under the Company's Schedule 6 - Schedule of Rates for Electric Service. Service under this rate shall be evidenced by a contract between Customer-Generator and the Company per the Interconnection Application/Agreement for Net Metering Systems With Capacity of 100 kW or less.

The availability of net metering is limited to those types of generation that have been certified by the Missouri Department of Natural Resources as renewable energy resources and which is intended primarily to offset part or all of the customer-generator's own electrical energy requirements. Net metering cannot be elected in conjunction with "Optional Time-of-Day Rate" service of any of Company's rate schedule.

Company will provide net metering service until the total rated generating capacity used by Customer-Generators is equal to or in excess of five percent (5.0%) of Company's single-hour peak load during the previous year. However in a given calendar year, no retail electric supplier shall be required to approve any application for interconnection if the total rated generating capacity of all application for interconnection already approved to date by said supplier in said calendar year equals or exceeds one percent (1.0%) of said supplier's single-hour peak load for the previous calendar year.

**3. CONTRACT**

Whether or not purchases are made by Company under the standard rates, Company shall not be required to make any purchase from Customer-Generator until Company and Customer-Generator have entered into a written contract for such purchases.

**4. GENERAL RULES AND REGULATIONS**

All provisions of this tariff are subject to all Commission rules and regulations as may be revised from time-to-time. All terms of the tariff are also subject to the Commission's normal complaint and arbitration procedures.

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

CANCELLED  
April 12, 2017  
Missouri Public  
Service Commission  
EE-2017-0235; JE-2017-0174

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 63rd Revised SHEET NO. 171.4CANCELLING MO.P.S.C. SCHEDULE NO. 62nd Revised SHEET NO. 171.4APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)General Technical Requirements (Cont'd.)4. Metering and/or Additional Distribution Equipment (Cont'd.)

At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing periods. Net Metering cannot occur until the installation of such meter(s) and/or additional distribution equipment has been completed.

5. Other Requirements

All Customer-Generator installations shall adhere to any applicable requirements of the National Electrical Safety Code, the National Electric Code, Institute of Electrical and Electronics Engineers (IEEE), Underwriters Laboratories (UL), local electric codes, applicable NEMA codes, OSHA, and Company's Electric Service Rules as set forth in published tariffs.

\*6. Approval of Submitted Application and Design

Company will approve or reject the application and design submitted by Customer. If an application or design and the supporting documentation are materially incomplete, the application will be invalid and rejected and the customer and developer will be so notified.

Until solar rebate payments under Company's Rider SR - Solar Rebate tariff are suspended, Company will approve an application and design a second time in the following cases:

- a) Where a solar rebate commitment is made subsequent to the initial net metering application and design approval in order to align the expiration dates of the net metering application and design approval and the solar rebate commitment.
- b) Where the initial net metering application and design approval is approaching the twelve (12) month expiration and has not yet received a rebate commitment in order to maintain the position in the solar rebate queue.

Company will notify the customer and developer of any application or design deficiencies, errors or omissions identified or clarifications requested by Company.

Company will post information on its website [www.ameren.com](http://www.ameren.com) indicating what is required for an application to be considered complete as well as guidance regarding the types of deficiencies, errors, omissions or clarifications that, if corrected, will not result in a rejection.

CANCELLED  
August 28, 2018  
Missouri Public  
Service Commission  
EE-2019-0027; YE-2019-0012

\*Indicates Change

FILED  
Missouri Public  
Service Commission  
JE-2015-0222

DATE OF ISSUE December 18, 2014 DATE EFFECTIVE January 17, 2015ISSUED BY Michael Moehn President & CEO St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 171.4CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.4

APPLYING TO

MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)General Technical Requirements (Cont'd.)4. Metering and/or Additional Distribution Equipment (Cont'd.)

At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing periods. Net Metering cannot occur until the installation of such meter(s) and/or additional distribution equipment has been completed.

5. Other Requirements

All Customer-Generator installations shall adhere to any applicable requirements of the National Electrical Safety Code, the National Electric Code, Institute of Electrical and Electronics Engineers (IEEE), Underwriters Laboratories (UL), local electric codes, applicable NEMA codes, OSHA, and Company's Electric Service Rules as set forth in published tariffs.

\*6. Approval of Submitted Application and Design

Company will approve or reject the application and design submitted by Customer. If an application or design and the supporting documentation are materially incomplete, the application will be invalid and rejected and the customer and developer will be so notified. Company will approve an application and design, again, in cases where a solar rebate commitment is made under Company's Rider SR - Solar Rebate subsequent to the initial application and design approval in order to align the expiration dates of the net metering application and design approval and the solar rebate commitment.

Company will notify the customer and developer of any application or design deficiencies, errors or omissions identified or clarifications requested by Company.

Company will post information on its website [www.ameren.com](http://www.ameren.com) indicating what is required for an application to be considered complete as well as guidance regarding the types of deficiencies, errors, omissions or clarifications that, if corrected, will not result in a rejection.

\*Indicates Change

FILED  
Missouri Public  
Service Commission  
ET-2014-0085; YE-2014-0310

February 15, 2014

DATE OF ISSUE January 27, 2014DATE EFFECTIVE ~~February 26, 2014~~ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 171.4CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.4APPLYING TO MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)General Technical Requirements (Cont'd.)4. Metering and/or Additional Distribution Equipment (Cont'd.)

At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing periods. Net Metering cannot occur until the installation of such meter(s) and/or additional distribution equipment has been completed.

5. Other Requirements

All Customer-Generator installations shall adhere to any applicable requirements of the National Electrical Safety Code, the National Electric Code, Institute of Electrical and Electronics Engineers (IEEE), Underwriters Laboratories (UL), local electric codes, applicable NEMA codes, OSHA, and Company's Electric Service Rules as set forth in published tariffs.

\*6. Approval of Submitted Design

Company will approve or reject the design submitted by Customer. If a design and the supporting documentation are materially incomplete, the application will be invalid and rejected and the customer and developer will be so notified.

Company will notify the customer and developer of any design deficiencies, errors or omissions identified or clarifications requested by Company.

Company will post information on its website [www.ameren.com](http://www.ameren.com) indicating what is required for an application to be considered complete as well as guidance regarding the types of deficiencies, errors, omissions or clarifications that, if corrected, will not result in a rejection.

\*Indicates Addition

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Missouri Public  
Service Commission  
ET-2014-0085; YE-2014-0235

DATE OF ISSUE	<u>November 26, 2013</u>	DATE EFFECTIVE	<u>December 26, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 171.4

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREAELECTRIC POWER PURCHASESELECTRIC POWER PURCHASES FROM QUALIFIED NET METERING UNITS (Cont'd.)General Technical Requirements (Cont'd.)4. Metering and/or Additional Distribution Equipment (Cont'd.)

At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing periods. Net Metering cannot occur until the installation of such meter(s) and/or additional distribution equipment has been completed.

5. Other Requirements

All Customer-Generator installations shall adhere to any applicable requirements of the National Electrical Safety Code, the National Electric Code, Institute of Electrical and Electronics Engineers (IEEE), Underwriters Laboratories (UL), local electric codes, applicable NEMA codes, OSHA, and Company's Electric Service Rules as set forth in published tariffs.

CANCELLED  
December 22, 2013  
Missouri Public  
Service Commission  
ET-2014-0085; YE-2014-0235

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE May 31, 2013DATE EFFECTIVE June 30, 2013ISSUED BY Warner L. Baxter  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.5

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100  
kW OR LESS****Ameren Missouri Address:**

One Ameren Plaza  
1901 Chouteau Avenue  
P.O. Box 66149, MC 1450  
St. Louis MO 63103  
Att: General Executive, Renewables

**For Customers Applying for Interconnection:**

If you are interested in applying for interconnection to the electrical system of Union Electric Company d/b/a Ameren Missouri (Company), you should first contact Company and ask for information related to interconnection of parallel generation equipment to Company's system and you should understand this information before proceeding with this Application.

If you wish to apply for interconnection to Company's electrical system, please complete sections A, B, C, and D, and attach the plans and specifications including, but not limited to, describing the net metering, parallel generation, and interconnection facilities (hereinafter collectively referred to as the "Customer-Generator's System") and submit them to Company at the address above.

The Company will provide notice of approval or denial within thirty (30) days of receipt by Company for Customer-Generators of ten kilowatts (10 kW) or less and within ninety (90) days of receipt by Company for Customer-Generators of greater than ten kilowatts (10 kW). If this Application is denied, you will be provided with the reason(s) for the denial. If this Application is approved and signed by both you and Company, it shall become a binding contract and shall govern your relationship with Company.

**For Customers Who Have Received Approval of  
Customer-Generator System Plans and Specifications:**

After receiving approval of your Application, it will be necessary to construct the Customer-Generator System in compliance with the plans and specifications described in the Application, complete sections E and F of this Application, and forward this Application to Company for review and completion of section G at the address above. Prior to the interconnection of the qualified generation unit to Company's system, the Customer-Generator will furnish Company a certification from a qualified professional electrician or engineer that the installation meets the plans and specification described in the application and, if a local Authority Having Jurisdiction (AHJ) is applicable, the permit number and approval certification. If the application for interconnection is approved by Company and the Customer-Generator does not complete the interconnection within one (1) year after receipt of notice of the approval, the approval shall expire and the Customer-Generator shall be responsible for filing a new application.

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	President & CEO	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.6

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

OriginalSHEET NO. 171.6

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100  
kW OR LESS (Cont'd.)**

**For Customers Who Have Received Approval of  
Customer-Generator System Plans and Specifications (Cont'd.):**

Company will complete the utility portion of section G and, upon receipt of a completed Application/Agreement form and payment of any applicable fees, schedule a date for interconnection of the Customer-Generator System to Company's electrical system within fifteen (15) days of receipt by Company if electric service already exists to the premises, unless the Customer-Generator and Company agree to a later date. Similarly, upon receipt of a completed Application/Agreement form and payment of any applicable fees, if electric service does not exist to the premises, Company will schedule a date for interconnection of the Customer-Generator System to Company's electrical system no later than fifteen (15) days after service is established to the premises, unless the Customer-Generator and Company agree to a later date.

**\*For Customers Who Are Installing Solar Systems:**

Upon completion of section H and I, a rebate may be available from Company on an expanded or new solar electric system that becomes operational after 12/31/2009. Please refer to Company's Rider SR - Solar Rebate for the applicable rebate rate and additional details and requirements.

**For Customers Who Are Assuming Ownership or Operational  
Control of an Existing Customer-Generator System:**

If no changes are being made to the existing Customer-Generator System, complete sections A, D and F of this Application/Agreement and forward to Company at the address above. Company will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by Company, if the new Customer-Generator has satisfactorily completed Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. There are no fees or charges for the Customer-Generator who is assuming ownership or operational control of an existing Customer-Generator System if no modifications are being proposed to that System.

\*Indicates Change

FILED  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

DATE OF ISSUE July 29, 2013DATE EFFECTIVE August 28, 2013ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

CANCELLED  
April 12, 2017  
Missouri Public  
Service Commission

EE-2017-0235; JE-2017-0174

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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

Original

SHEET NO. 171.6

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH CAPACITY OF 100  
kW OR LESS (Cont'd.)**

**For Customers Who Have Received Approval of  
Customer-Generator System Plans and Specifications (Cont'd.):**

Company will complete the utility portion of section G and, upon receipt of a completed Application/Agreement form and payment of any applicable fees, schedule a date for interconnection of the Customer-Generator System to Company's electrical system within fifteen (15) days of receipt by Company if electric service already exists to the premises, unless the Customer-Generator and Company agree to a later date. Similarly, upon receipt of a completed Application/Agreement form and payment of any applicable fees, if electric service does not exist to the premises, Company will schedule a date for interconnection of the Customer-Generator System to Company's electrical system no later than fifteen (15) days after service is established to the premises, unless the Customer-Generator and Company agree to a later date.

**For Customers Who Are Installing Solar Systems:**

Upon completion of section H and I, a rebate of \$2.00/watt up to 25,000 watts (25kW) is available from Company on an expanded or new system that becomes operational after 12/31/2009 with a maximum rebate of \$50,000. Please refer to Company's Rider SR - Solar Rebate for additional details and requirements.

**For Customers Who Are Assuming Ownership or Operational  
Control of an Existing Customer-Generator System:**

If no changes are being made to the existing Customer-Generator System, complete sections A, D and F of this Application/Agreement and forward to Company at the address above. Company will review the new Application/Agreement and shall approve such, within fifteen (15) days of receipt by Company, if the new Customer-Generator has satisfactorily completed Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. There are no fees or charges for the Customer-Generator who is assuming ownership or operational control of an existing Customer-Generator System if no modifications are being proposed to that System.

CANCELED  
August 28, 2013  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

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ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.7

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)****A. Customer-Generator's Information**

Name on Company Electric Account: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Service/Street Address (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electric Account Holder Contact Person: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Emergency Contact Phone: \_\_\_\_\_

Company Account No. (from Utility Bill): \_\_\_\_\_

If account has multiple meters, provide the meter number to which generation will be connected: \_\_\_\_\_

**B. Customer-Generator's System Information**

Manufacturer Name Plate: \_\_\_\_\_ Power Rating: \_\_\_\_\_ kW AC or DC (circle one)

Voltage: \_\_\_\_\_ Volts

System Type: ☐ Wind, ☐ Fuel Cell, ☐ Solar Thermal, ☐ Photovoltaic, ☐ Hydroelectric,☐ Other (describe) \_\_\_\_\_

Inverter/Interconnection Equipment Manufacturer: \_\_\_\_\_

Inverter/Interconnection Equipment Model No.: \_\_\_\_\_

Inverter/Interconnection Equipment Location (describe): \_\_\_\_\_

Outdoor Manual/Utility Accessible &amp; Lockable Disconnect Switch Distance from Meter: \_\_\_\_\_

Describe the location of the disconnect switch: \_\_\_\_\_

If disconnect switch is greater than 10 feet from electric service meter, describe why an alternate location is being requested: \_\_\_\_\_

Existing Electrical Service Capacity: \_\_\_\_\_ Amperes Voltage: \_\_\_\_\_ Volts

Service Character: Single Phase ☐ Three Phase ☐

Total capacity of existing Customer-Generator System (if applicable): \_\_\_\_\_ kW

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

**System Plans, Specifications and Wiring Diagram must be attached for a valid application.**DATE OF ISSUE May 31, 2013DATE EFFECTIVE June 30, 2013ISSUED BY Warner L. Baxter

President &amp; CEO

St. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

CANCELLED  
April 12, 2017

Missouri Public  
Service Commission  
EE-2017-0235; JE-2017-0174

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.8CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 171.8

APPLYING TO

MISSOURI SERVICE AREA**\* A. Customer-Generator's Information**

Name on Company Electric Account: \_\_\_\_\_

Service/Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Mailing Address (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electric Account Holder Contact Person: \_\_\_\_\_

Electric Account Holder E-mail address (if available): \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Emergency Contact Phone: \_\_\_\_\_

Company Account No. (from Utility Bill): \_\_\_\_\_

If account has multiple meters, provide the meter number to which generation will be connected: \_\_\_\_\_

**\* B. Customer-Generator's System Information**

Manufacturer Name Plate: \_\_\_\_\_ Power Rating: \_\_\_\_\_ kW AC or DC (circle one)

Voltage: \_\_\_\_\_ Volts

System Type: ☐ Wind, ☐ Fuel Cell, ☐ Solar Thermal, ☐ Photovoltaic, ☐ Hydroelectric,  
☐ Other (describe) \_\_\_\_\_

Inverter/Interconnection Equipment Manufacturer: \_\_\_\_\_

Inverter/Interconnection Equipment Model No.: \_\_\_\_\_

Outdoor Manual/Utility Accessible &amp; Lockable Disconnect Switch Distance from Meter: \_\_\_\_\_

Describe the location of the disconnect switch: \_\_\_\_\_

If disconnect switch is greater than 10 feet from electric service meter, describe why an alternate location is being requested: \_\_\_\_\_

Existing Electrical Service Capacity: \_\_\_\_\_ Amperes Voltage: \_\_\_\_\_ Volts

Service Character: Single Phase \_\_\_\_\_ Three Phase \_\_\_\_\_

Total capacity of existing Customer-Generator System (if applicable): \_\_\_\_\_ kW

**System Plans, Specifications and Wiring Diagram must be attached for a valid application.**

CANCELLED  
March 31, 2020  
Missouri Public  
Service Commission  
EE-2020-0191; YE-2020-0111

\*Indicates Change

FILED  
Missouri Public  
Service Commission  
EE-2017-0235; JE-2017-0174

DATE OF ISSUE March 13, 2017DATE EFFECTIVE April 12, 2017ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLESt. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.8

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)****C. Installation Information/Hardware and Installation Compliance**

Company Installing System: \_\_\_\_\_

Contact Person of Company Installing System: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Contractor's License No. (if applicable): \_\_\_\_\_

Approximate Installation Date: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

The Customer-Generator's proposed System hardware complies with all applicable National Electrical Safety Code (NESC), National Electrical Code (NEC), Institute of Electrical and Electronics Engineers (IEEE) and Underwriters Laboratories (UL) requirements for electrical equipment and their installation. As applicable to System type, these requirements include, but are not limited to, UL 1741 and IEEE 1547. The proposed installation complies with all applicable local electrical codes and all reasonable safety requirements of Company. The proposed System has a lockable, visible AC disconnect device, accessible at all times to Company personnel located within the vicinity of the Customer-Generator's electric service meter (except in cases where Company has approved an alternate location). The System is only required to include one lockable, visible disconnect device, accessible to Company. If the interconnection equipment is equipped with a visible, lockable, and accessible disconnect, no redundant device is needed to meet this requirement.

The Customer-Generator's proposed System has functioning controls to prevent voltage flicker, DC injection, overvoltage, undervoltage, overfrequency, underfrequency, and overcurrent, and to provide for System synchronization to Company's electrical system. The proposed System does have an anti-islanding function that prevents the generator from continuing to supply power when Company's electric system is not energized or operating normally. If the proposed System is designed to provide uninterruptible power to critical loads, either through energy storage or back-up generation, the proposed System includes a parallel blocking scheme for this backup source that prevents any backflow of power to Company's electrical system when the electrical system is not energized or not operating normally.

Signed (Installer): \_\_\_\_\_ Date: \_\_\_\_\_

Name (Print): \_\_\_\_\_

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.9

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

OriginalSHEET NO. 171.9

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**D. Additional Terms and Conditions**

In addition to abiding by Company's other applicable rules and regulations, the Customer-Generator understands and agrees to the following specific terms and conditions:

**1. Operation/Disconnection**

If it appears to Company, at any time, in the reasonable exercise of its judgment, that operation of the Customer-Generator's System is adversely affecting safety, power quality or reliability of Company's electrical system, Company may immediately disconnect and lock-out the Customer-Generator's System from Company's electrical system. The Customer-Generator shall permit Company's employees and inspectors reasonable access to inspect, test, and examine the Customer-Generator's System.

**2. Liability**

Liability insurance is not required for Customer-Generators of ten kilowatts (10 kW) or less. For Customer-Generators greater than ten kilowatts (10 kW), the Customer-Generator agrees to carry no less than one hundred thousand dollars (\$100,000) of liability insurance that provides for coverage of all risk of liability for personal injuries (including death) and damage to property arising out of or caused by the operation of the Customer-Generator's System. Insurance may be in the form of an existing policy or an endorsement on an existing policy.

Absent clear and convincing evidence of fault on the part of Company, Company cannot be held liable for any action or cause of action relating to any damages to property or person caused by the generation unit of a Customer-Generator or the interconnection thereof pursuant to section 386.890.11, RSMo Supp. 2008. Customer-Generators, including those whose systems are ten kilowatts (10 kW) or less, may have legal liabilities not covered under their existing insurance policy in the event the Customer-Generator's negligence or other wrongful conduct causes personal injury (including death), damage to property, or other actions and claims.

**3. Metering and Distribution Costs**

A Customer-Generator's facility shall be equipped with sufficient metering equipment that can measure the net amount of electrical energy produced or consumed by the Customer-Generator. If the Customer-Generator's existing meter equipment does not meet these requirements or if it is necessary for Company to install additional distribution equipment to accommodate the Customer-Generator's facility, the Customer-Generator shall reimburse Company for the costs to purchase and install the necessary additional equipment. At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing cycles. Any subsequent meter testing, maintenance, or meter equipment change necessitated by the Customer-Generator shall be paid for by the Customer-Generator.

FILED  
Missouri Public  
Service Commission  
YE-2014-0045

DATE OF ISSUE July 29, 2013DATE EFFECTIVE August 28, 2013ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

CANCELLED  
April 12, 2017  
Missouri Public  
Service Commission

EE-2017-0235; JE-2017-0174

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.9

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA**

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

## **D. Additional Terms and Conditions**

In addition to abiding by Company's other applicable rules and regulations, the Customer-Generator understands and agrees to the following specific terms and conditions:

### **1. Operation/Disconnection**

If it appears to Company, at any time, in the reasonable exercise of its judgment, that operation of the Customer-Generator's System is adversely affecting safety, power quality or reliability of Company's electrical system, Company may immediately disconnect and lock-out the Customer-Generator's System from Company's electrical system. The Customer-Generator shall permit Company's employees and inspectors reasonable access to inspect, test, and examine the Customer-Generator's System.

### **2. Liability**

Liability insurance is not required for Customer-Generators of ten kilowatts (10 kW) or less. For Customer-Generators greater than ten kilowatts (10 kW), the Customer-Generator agrees to carry no less than one hundred thousand dollars (\$100,000) of liability insurance that provides for coverage of all risk of liability for personal injuries (including death) and damage to property arising out of or caused by the operation of the Customer-Generator's System. Insurance may be in the form of an existing policy or an endorsement on an existing policy.

Absent clear and convincing evidence of fault on the part of Company, Company cannot be held liable for any action or cause of action relating to any damages to property or person caused by the generation unit of a Customer-Generator or the interconnection thereof pursuant to section 386.890.11, RSMo Supp. 2008. Customer-Generators, including those whose systems are ten kilowatts (10 kW) or less, may have legal liabilities not covered under their existing insurance policy in the event the Customer-Generator's negligence or other wrongful conduct causes personal injury (including death), damage to property, or other actions and claims.

### **3. Metering and Distribution Costs**

A Customer-Generator's facility shall be equipped with sufficient metering equipment that can measure the net amount of electrical energy produced or consumed by the Customer-Generator. If the Customer-Generator's existing meter equipment does not meet these requirements or if it is necessary for Company to install additional distribution equipment to accommodate the Customer-Generator's facility, the Customer-Generator shall reimburse Company for the costs to purchase and install the necessary additional equipment. At the request of the Customer-Generator, such costs may be initially paid for by Company, and any amount up to the total costs and a reasonable interest charge may be recovered from the Customer-Generator over the course of up to twelve (12) billing cycles. Any subsequent meter testing, maintenance, or meter equipment change necessitated by the Customer-Generator shall be paid for by the Customer-Generator.

### **4. Ownership of Renewable Energy Credits or Renewable Energy Certificates (REC's)**

RECs created through the generation of electricity by the Customer-Owner are owned by the Customer-Generator until explicitly transferred to another entity. Nothing in this contract gives Company any preferential entitlement to the RECs generated by the Customer-Generator's system.

CANCELED  
August 28, 2013  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

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Missouri Public  
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ET-2013-0546; JE-2013-0582

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ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.10

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

OriginalSHEET NO. 171.10

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**D. Additional Terms and Conditions (Cont'd.)**

**4. \* Ownership of Renewable Energy Credits or Renewable Energy Certificates (REC's)**

RECs created through the generation of electricity by the Customer-Owner are owned by the Customer-Generator unless the Customer-Generator receives a solar rebate from the Company. For rebates paid on and after August 28, 2013, and as a condition of receiving a rebate, customer shall transfer to Company all right, title, and interest in and to the renewable energy credits associated with the new or expanded solar electric system that qualified the customer for the solar rebate for a period of ten (10) years from the date Company confirmed that the solar electric system was installed and operational.

**5. Energy Pricing and Billing**

The net electric energy delivered to the Customer-Generator shall be billed in accordance with the Company's applicable Rate Schedule No. 6, Schedule of Rates for Electricity. The value of the net electric energy delivered by the Customer-Generator to Company shall be credited in accordance with the net metering rate contained in Company's Electric Power Purchases From Qualified Net Metering Units tariff.

Net electrical energy measurement shall be calculated in the following manner:

- a For a Customer-Generator, a retail electric supplier shall measure the net electrical energy produced or consumed during the billing period in accordance with normal metering practices for customers in the same rate class, either by employing a single, bidirectional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Customer-Generator's consumption and production of electricity;
- b If the electricity supplied by the supplier exceeds the electricity generated by the Customer-Generator during a billing period, the Customer-Generator shall be billed for the net electricity supplied by the supplier in accordance with normal practices for customers in the same rate class;
- c If the electricity generated by the Customer-Generator exceeds the electricity supplied by the supplier during a billing period, the Customer-Generator shall be billed for the appropriate minimum bill as specified by Customer-Generators selected rate, for that billing period and shall be credited an amount for the excess kilowatt-hours generated during the billing period at the net metering rate identified in Company's tariff filed at the Public Service Commission, with this credit applied to the following billing period; and
- d Any credits granted by this subsection shall expire without any compensation at the earlier of either twelve (12) months after their issuance, or when the Customer-Generator disconnects service or terminates the net metering relationship with the supplier.

\* Indicates Change

FILED  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

DATE OF ISSUE July 29, 2013DATE EFFECTIVE August 28, 2013ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

CANCELLED  
April 12, 2017  
Missouri Public  
Service Commission

EE-2017-0235; JE-2017-0174

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.10

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**D. Additional Terms and Conditions (Cont'd.)****5. Energy Pricing and Billing**

The net electric energy delivered to the Customer-Generator shall be billed in accordance with the Company's applicable Rate Schedule No. 6, Schedule of Rates for Electricity. The value of the net electric energy delivered by the Customer-Generator to Company shall be credited in accordance with the net metering rate contained in Company's Electric Power Purchases From Qualified Net Metering Units tariff.

Net electrical energy measurement shall be calculated in the following manner:

- a For a Customer-Generator, a retail electric supplier shall measure the net electrical energy produced or consumed during the billing period in accordance with normal metering practices for customers in the same rate class, either by employing a single, bidirectional meter that measures the amount of electrical energy produced and consumed, or by employing multiple meters that separately measure the Customer-Generator's consumption and production of electricity;
- b If the electricity supplied by the supplier exceeds the electricity generated by the Customer-Generator during a billing period, the Customer-Generator shall be billed for the net electricity supplied by the supplier in accordance with normal practices for customers in the same rate class;
- c If the electricity generated by the Customer-Generator exceeds the electricity supplied by the supplier during a billing period, the Customer-Generator shall be billed for the appropriate minimum bill as specified by Customer-Generators selected rate, for that billing period and shall be credited an amount for the excess kilowatt-hours generated during the billing period at the net metering rate identified in Company's tariff filed at the Public Service Commission, with this credit applied to the following billing period; and
- d Any credits granted by this subsection shall expire without any compensation at the earlier of either twelve (12) months after their issuance, or when the Customer-Generator disconnects service or terminates the net metering relationship with the supplier.

**6. Terms and Termination Rights**

This Agreement becomes effective when signed by both the Customer-Generator and Company, and shall continue in effect until terminated. After fulfillment of any applicable initial tariff or rate schedule term, the Customer-Generator may terminate this Agreement at any time by giving Company at least thirty (30) days prior written notice. In such event, the Customer-Generator shall, no later than the date of termination of Agreement, completely disconnect the Customer-Generator's System from parallel operation with Company's system. Either party may terminate this Agreement by giving the other party at least thirty (30) days prior written notice that the other party is in default of any of the terms and conditions of this Agreement, so long as the notice specifies the basis for termination, and there is an opportunity to cure the default. This Agreement may also be terminated at any time by mutual agreement of the Customer-Generator and Company. This agreement may also be terminated, by approval of the Commission, if there is a change in statute that is determined to be applicable to this contract and necessitates its termination.

CANCELED  
August 28, 2013  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.11

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

OriginalSHEET NO. 171.11

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**D. Additional Terms and Conditions (Cont'd.)**

**6. Terms and Termination Rights**

This Agreement becomes effective when signed by both the Customer-Generator and Company, and shall continue in effect until terminated. After fulfillment of any applicable initial tariff or rate schedule term, the Customer-Generator may terminate this Agreement at any time by giving Company at least thirty (30) days prior written notice. In such event, the Customer-Generator shall, no later than the date of termination of Agreement, completely disconnect the Customer-Generator's System from parallel operation with Company's system. Either party may terminate this Agreement by giving the other party at least thirty (30) days prior written notice that the other party is in default of any of the terms and conditions of this Agreement, so long as the notice specifies the basis for termination, and there is an opportunity to cure the default. This Agreement may also be terminated at any time by mutual agreement of the Customer-Generator and Company. This Agreement may also be terminated, by approval of the Commission, if there is a change in statute that is determined to be applicable to this contract and necessitates its termination.

**7. Transfer of Ownership**

If operational control of the Customer-Generator's System transfers to any other party than the Customer-Generator, a new Application/Agreement must be completed by the person or persons taking over operational control of the existing Customer-Generator System. Company shall be notified no less than thirty (30) days before the Customer-Generator anticipates transfer of operational control of the Customer-Generator's System. The person or persons taking over operational control of Customer-Generator's System must file a new Application/Agreement, and must receive authorization from Company, before the existing Customer-Generator System can remain interconnected with Company's electrical system. The new Application/Agreement will only need to be completed to the extent necessary to affirm that the new person or persons having operational control of the existing Customer-Generator System completely understand the provisions of this Application/Agreement and agrees to them. If no changes are being made to the Customer-Generator's System, completing sections A, D and F of this Application/Agreement will satisfy this requirement. If no changes are being proposed to the Customer-Generator System, Company will assess no charges or fees for this transfer. Company will review the new Application/Agreement and shall approve such, within fifteen (15) days, if the new Customer-Generator has satisfactorily completed the Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. Company will then complete section G and forward a copy of the completed Application/Agreement back to the new Customer-Generator, thereby notifying the new Customer-Generator that the new Customer-Generator is authorized to operate the existing Customer-Generator System in parallel with Company's electrical system. If any changes are planned to be made to the existing Customer-Generator System that in any way may degrade or significantly alter that System's output characteristics, then the Customer-Generator shall submit to Company a new Application/Agreement for the entire Customer-Generator System and all portions of the Application/Agreement must be completed.

FILED  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

DATE OF ISSUE July 29, 2013DATE EFFECTIVE August 28, 2013ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

CANCELLED  
April 12, 2017  
Missouri Public  
Service Commission

EE-2017-0235; JE-2017-0174

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.11

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**7. Transfer of Ownership**

If operational control of the Customer-Generator's System transfers to any other party than the Customer-Generator, a new Application/Agreement must be completed by the person or persons taking over operational control of the existing Customer-Generator System. Company shall be notified no less than thirty (30) days before the Customer-Generator anticipates transfer of operational control of the Customer-Generator's System. The person or persons taking over operational control of Customer-Generator's System must file a new Application/Agreement, and must receive authorization from Company, before the existing Customer-Generator System can remain interconnected with Company's electrical system. The new Application/Agreement will only need to be completed to the extent necessary to affirm that the new person or persons having operational control of the existing Customer-Generator System completely understand the provisions of this Application/Agreement and agrees to them. If no changes are being made to the Customer-Generator's System, completing sections A, D and F of this Application/Agreement will satisfy this requirement. If no changes are being proposed to the Customer-Generator System, Company will assess no charges or fees for this transfer. Company will review the new Application/Agreement and shall approve such, within fifteen (15) days, if the new Customer-Generator has satisfactorily completed the Application/Agreement, and no changes are being proposed to the existing Customer-Generator System. Company will then complete section G and forward a copy of the completed Application/Agreement back to the new Customer-Generator, thereby notifying the new Customer-Generator that the new Customer-Generator is authorized to operate the existing Customer-Generator System in parallel with Company's electrical system. If any changes are planned to be made to the existing Customer-Generator System that in any way may degrade or significantly alter that System's output characteristics, then the Customer-Generator shall submit to Company a new Application/Agreement for the entire Customer-Generator System and all portions of the Application/Agreement must be completed.

**8. Dispute Resolution**

If any disagreements between the Customer-Generator and Company arise that cannot be resolved through normal negotiations between them, the disagreements may be brought to the Missouri Public Service Commission by either party, through an informal or formal complaint. Procedures for filing and processing these complaints are described in 4 CSR 240-2.070. The complaint procedures described in 4 CSR 240-2.070 apply only to retail electric power suppliers to the extent that they are regulated by the Missouri Public Service Commission.

**9. Testing Requirement**

IEEE 1547 requires periodic testing of all interconnection related protective functions. The Customer-Generator must, at least once every year, conduct a test to confirm that the Customer-Generator's net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero) within two (2) seconds of being disconnected from Company's electrical system. Disconnecting the net metering unit from Company's electrical system at the visible disconnect switch and measuring the time required for the unit to cease to energize the output shall satisfy this test. The Customer-Generator shall maintain a record of the results of these tests and, upon request by Company, shall provide a copy of the test results to Company. If the Customer-Generator is unable to provide a copy of the test results upon request, Company shall notify the Customer-Generator by mail that Customer-Generator has thirty (30) days from the date the Customer-Generator receives the request to provide to Company, the results of a test.

CANCELLED  
August 28, 2013  
Missouri Public  
Service Commission  
EE-2014-0024; YE-2014-0045

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.12

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

OriginalSHEET NO. 171.12

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**D. Additional Terms and Conditions (Cont'd.)****8. Dispute Resolution**

If any disagreements between the Customer-Generator and Company arise that cannot be resolved through normal negotiations between them, the disagreements may be brought to the Missouri Public Service Commission by either party, through an informal or formal complaint. Procedures for filing and processing these complaints are described in 4 CSR 240-2.070. The complaint procedures described in 4 CSR 240-2.070 apply only to retail electric power suppliers to the extent that they are regulated by the Missouri Public Service Commission.

**9. Testing Requirement**

IEEE 1547 requires periodic testing of all interconnection related protective functions. The Customer-Generator must, at least once every year, conduct a test to confirm that the Customer-Generator's net metering unit automatically ceases to energize the output (interconnection equipment output voltage goes to zero) within two (2) seconds of being disconnected from Company's electrical system. Disconnecting the net metering unit from Company's electrical system at the visible disconnect switch and measuring the time required for the unit to cease to energize the output shall satisfy this test. The Customer-Generator shall maintain a record of the results of these tests and, upon request by Company, shall provide a copy of the test results to Company. If the Customer-Generator is unable to provide a copy of the test results upon request, Company shall notify the Customer-Generator by mail that Customer-Generator has thirty (30) days from the date the Customer-Generator receives the request to provide to Company, the results of a test. If the Customer-Generator's equipment ever fails this test, the Customer-Generator shall immediately disconnect the Customer-Generator's System from Company's system. If the Customer-Generator does not provide results of a test to Company within thirty (30) days of receiving a request from Company or the results of the test provided to Company show that the Customer-Generator's net metering unit is not functioning correctly, Company may immediately disconnect the Customer-Generator's System from Company's system. The Customer-Generator's System shall not be reconnected to Company's electrical system by the Customer-Generator until the Customer-Generator's System is repaired and operating in a normal and safe manner.

I have read, understand, and accept the provisions of Section D, subsections 1 through 9 of this Application/Agreement.

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_

FILED  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

DATE OF ISSUE July 29, 2013DATE EFFECTIVE August 28, 2013ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

CANCELLED  
April 12, 2017  
Missouri Public  
Service Commission

EE-2017-0235; JE-2017-0174

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 171.12

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA**

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**D. Additional Terms and Conditions (Cont'd.)****9. Testing Requirement (Cont'd.)**

If the Customer-Generator's equipment ever fails this test, the Customer-Generator shall immediately disconnect the Customer-Generator's System from Company's system. If the Customer-Generator does not provide results of a test to Company within thirty (30) days of receiving a request from Company or the results of the test provided to Company show that the Customer-Generator's net metering unit is not functioning correctly, Company may immediately disconnect the Customer-Generator's System from Company's system. The Customer-Generator's System shall not be reconnected to Company's electrical system by the Customer-Generator until the Customer-Generator's System is repaired and operating in a normal and safe manner.

I have read, understand, and accept the provisions of Section D, subsections 1 through 9 of this Application/Agreement.

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_

CANCELED  
August 28, 2013  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE May 31, 2013DATE EFFECTIVE June 30, 2013ISSUED BY Warner L. Baxter  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.13

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**E. Electrical Inspection****If a local Authority Having Jurisdiction (AHJ) governs permitting/inspection of project:****Provide Permit Number:** \_\_\_\_\_

Applicable to all installations:

The Customer-Generator System referenced above satisfies all requirements noted in Section C.

Inspector Name (print): \_\_\_\_\_

Inspector Certification: Licensed Engineer in Missouri \_\_\_\_\_ or  
Licensed Electrician in Missouri \_\_\_\_\_ License No. \_\_\_\_\_

Signed (Inspector): \_\_\_\_\_ Date: \_\_\_\_\_

**F. Customer-Generator Acknowledgement**

I am aware of the Customer-Generator System installed on my premises and I have been given warranty information and/or an operational manual for that system. Also, I have been provided with a copy of Company's parallel generation tariff or rate schedule (as applicable) and interconnection requirements. I am familiar with the operation of the Customer-Generator System.

I agree to abide by the terms of this Application/Agreement and I agree to operate and maintain the Customer-Generator System in accordance with the manufacturer's recommended practices as well as the Company's interconnection standards. If, at any time and for any reason, I believe that the Customer-Generator System is operating in an unusual manner that may result in any disturbances on Company's electrical system, I shall disconnect the Customer-Generator System and not reconnect it to Company's electrical system until the Customer-Generator System is operating normally after repair or inspection. Further, I agree to notify Company no less than thirty (30) days prior to modification of the components or design of the Customer-Generator System that in any way may degrade or significantly alter that System's output characteristics. I acknowledge that any such modifications will require submission of a new Application/Agreement to Company.

I agree not to operate the Customer-Generator System in parallel with Company's electrical system until this Application/Agreement has been approved by Company.

Signed (Customer-Generator): \_\_\_\_\_ Date: \_\_\_\_\_

**G. Application Approval (completed by Company)**

Company does not, by approval of this Application/Agreement, assume any responsibility or liability for damage to property or physical injury to persons due to malfunction of the Customer-Generator's System or the Customer-Generator's negligence.

This Application is approved by Company on this \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_\_ (year).

Company Representative Name (print): \_\_\_\_\_

Signed Company Representative: \_\_\_\_\_

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	President & CEO	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

CANCELLED  
April 12, 2017

Missouri Public  
Service Commission  
EE-2017-0235; JE-2017-0174

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 171.14

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

OriginalSHEET NO. 171.14

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)****H. Solar Rebate (For Solar Installations only)**

Solar Module Manufacturer: \_\_\_\_\_ Inverter Rating: \_\_\_\_\_ kW

Solar Module Model No.: \_\_\_\_\_ Number of Modules/Panels: \_\_\_\_\_

Module Rating: \_\_\_\_\_ DC Watts System Rating (sum of solar panels): \_\_\_\_\_ kW

Module Warranty: \_\_\_\_\_ years (circle on spec. sheet)

Inverter Warranty: \_\_\_\_\_ years (circle on spec. sheet)

Location of modules: \_\_\_\_\_ Roof \_\_\_\_\_ Ground

Installation type: \_\_\_\_\_ Fixed \_\_\_\_\_ Ballast

System Installation Date: \_\_\_\_\_

**Solar system must be permanently installed on the applicant's premises for a valid application****Required documents to receive solar rebate (required to be attached for a valid application):**

Copies of detail receipts/invoices with purchase date circled

Copies of detail spec sheets on each component

Copies of proof of warranty sheet (minimum of 10 year warranty)

Photo(s) of completed system

Completed Taxpayer Information Form

\*Customer Affidavit (for systems with total capacity of 10 kW or greater)

\*Indicates Change

FILED  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

DATE OF ISSUE July 29, 2013DATE EFFECTIVE August 28, 2013ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.14

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)****H. Solar Rebate (For Solar Installations only)**

Solar Module Manufacturer: \_\_\_\_\_ Inverter Rating: \_\_\_\_\_ kW

Solar Module Model No.: \_\_\_\_\_ Number of Modules/Panels: \_\_\_\_\_

Module Rating: \_\_\_\_\_ DC Watts System Rating (sum of solar panels): \_\_\_\_\_ kW

Module Warranty: \_\_\_\_\_ years (circle on spec. sheet)

Inverter Warranty: \_\_\_\_\_ years (circle on spec. sheet)

Location of modules: \_\_\_\_\_ Roof \_\_\_\_\_ Ground

Installation type: \_\_\_\_\_ Fixed \_\_\_\_\_ Ballast

System Installation Date: \_\_\_\_\_

**Solar system must be permanently installed on the applicant's premises for a valid application****Required documents to receive solar rebate (required to be attached for a valid application):**

- Copies of detail receipts/invoices with purchase date circled
- Copies of detail spec sheets on each component
- Copies of proof of warranty sheet (minimum of 10 year warranty)
- Photo(s) of completed system
- Completed Taxpayer Information Form

**I. Solar Rebate Declaration (For Solar Installations only)**

I understand that this program has a limited budget, and that application will be accepted on a first- come, first-served basis, while funds are available. It is possible that I may be notified I have been placed on a waiting list for the next year's rebate program if funds run out for the current year. This program may be modified or discontinued at any time without notice from Company.

I understand that the solar system must be permanently installed and remain in place on premises for the duration of its useful life – a minimum of ten (10) years.

I understand the equipment must be new when installed, commercially available, and carry a minimum ten (10) year warranty.

I understand a rebate of two dollars (\$2.00) per watt up to 25,000 watts (25 kW) is available from Company on expanded or new systems that become operational after 12/31/2009 with a maximum rebate of fifty thousand dollars (\$50,000).

I understand the DC wattage rating provided by the original manufacturer and as noted in section H will be used to determine rebate amount.

I understand business corporations receiving a rebate of six hundred dollars(\$600) or more will receive a 1099. (Please consult your tax advisor with any questions.)

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

Applicant's Signature \_\_\_\_\_

Installer's Signature \_\_\_\_\_

Print Solar Rebate Applicant's Name \_\_\_\_\_

Print Installer's Name \_\_\_\_\_

DATE OF ISSUE May 31, 2013DATE EFFECTIVE June 30, 2013ISSUED BY Warner L. Baxter  
NAME OF OFFICERPresident & CEO  
TITLESt. Louis, Missouri  
ADDRESS

**CANCELED**  
August 28, 2013  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

**FILED**  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.15

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**\*I. Solar Rebate Declaration (For Solar Installations only)**

I understand that the complete terms and conditions of the solar rebate program are included in Company's Rider SR – Solar Rebate tariff.

I understand that this program has a limited budget, and that application will be accepted on a first-come, first-served basis, while funds are available. It is possible that I may be notified I have been placed on a waiting list for the next year's rebate program if funds run out for the current year. This program may be modified or discontinued at any time without notice from Company.

I understand that the solar system must be permanently installed and remain in place on premises for the duration of its useful life – a minimum of ten (10) years, and the system shall be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the system.

I understand the equipment must be new when installed, commercially available, and carry a minimum ten (10) year warranty.

I understand a rebate may be available from Company on expanded or new solar systems that become operational after 12/31/2009. The applicable rebate rate and additional details and requirements can be found in Company's Rider SR – Solar Rebate .

I understand the DC wattage rating provided by the original manufacturer and as noted in section H will be used to determine rebate amount.

I understand if my rebate is six hundred dollars(\$600) or more I will receive a 1099. (Please consult your tax advisor with any questions.)

I understand that, for systems of ten kilowatts (10 kW) or greater, a notarized affidavit must be provided to Company, in addition to this declaration, before Company will make a rebate payment.

I understand that as a condition of receiving a solar rebate, I am transferring to Company all right, title and interest in and to the solar renewable energy credits (SRECs) associated with the new or expanded System that qualified for the solar rebate and that **the SRECs cannot be sold or promised for sale to any other party or used by customer for any environmental or "green" program for a period of ten (10) years** from the date Company confirmed that the System was installed and operational.

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

\_\_\_\_\_  
Applicant's Signature\_\_\_\_\_  
Installer's Signature\_\_\_\_\_  
Print Solar Rebate Applicant's Name\_\_\_\_\_  
Print Installer's Name

\*Indicates Change

FILED  
Missouri Public  
Service Commission  
EE-2014-0024, YE-2014-0045

DATE OF ISSUE July 29, 2013DATE EFFECTIVE August 28, 2013ISSUED BY Warner L. BaxterPresident & CEOSt. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 171.16

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)**

**\* H. Solar Rebate (For Solar Installations only)**

Solar Module Manufacturer: \_\_\_\_\_ Inverter Rating: \_\_\_\_\_ kW

Solar Module Model No.: \_\_\_\_\_ Number of Modules/Panels: \_\_\_\_\_

Module Rating: \_\_\_\_\_ DC Watts System Rating (sum of solar panels): \_\_\_\_\_ kW

Module Warranty: \_\_\_\_\_ years (circle on spec. sheet)

Inverter Warranty: \_\_\_\_\_ years (circle on spec. sheet)

Location of modules: \_\_\_\_\_ Roof \_\_\_\_\_ Ground

Installation type: \_\_\_\_\_ Fixed \_\_\_\_\_ Ballast

**Solar system must be permanently installed on the applicant's premises for a valid application****Required documents to receive solar rebate to be attached or provided before Company authorizes payment:**

Copies of detail receipts/invoices with purchase date circled

Copies of detail spec sheets on each component

Copies of proof of warranty sheet (minimum of 10 year warranty)

Photo(s) of completed system

Completed Taxpayer Information Form

CANCELLED  
August 28, 2018  
Missouri Public  
Service Commission \*Indicates Change  
EE-2019-0027; YE-2019-0012

FILED  
Missouri Public  
Service Commission  
EE-2017-0235; JE-2017-0174

DATE OF ISSUE March 13, 2017 DATE EFFECTIVE April 12, 2017

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. 6Original SHEET NO. 171.17

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**INTERCONNECTION APPLICATION/AGREEMENT FOR NET METERING SYSTEMS WITH  
CAPACITY OF 100 kW OR LESS – (Cont'd.)****\*I. Solar Rebate Declaration (For Solar Installations only)**

I understand that the complete terms and conditions of the solar rebate program are included in Company's Rider SR – Solar Rebate tariff.

I understand that this program has a limited budget, and that application will be accepted on a first-come, first-served basis, while funds are available. It is possible that I may be notified I have been placed on a waiting list for the next year's rebate program if funds run out for the current year. This program may be modified or discontinued at any time without notice from Company.

I understand that the solar system must be permanently installed and remain in place on premises for a minimum of ten (10) years, and the system shall be situated in a location where a minimum of eighty-five percent (85%) of the solar resource is available to the system.

I understand the equipment must be new when installed, commercially available, and carry a minimum ten (10) year warranty.

I understand a rebate may be available from Company in the amount of:

\$2.00 per watt for systems operational on or before June 30, 2014;

\$1.50 per watt for systems operational between July 1, 2014 and June 30, 2015;

\$1.00 per watt for systems operational between July 1, 2015 and June 30, 2016;

\$0.50 per watt for systems operational between July 1, 2016 and June 30, 2019;

\$0.25 per watt for systems operational between July 1, 2019 and June 30, 2020;

Additional details and requirements regarding the solar rebate can be found in Company's Rider SR – Solar Rebate at [www.ameren.com](http://www.ameren.com).

I understand the DC wattage rating provided by the original manufacturer and as noted in section H will be used to determine rebate amount.

I understand I may receive an IRS Form related to my rebate amount. (Please consult your tax advisor with any questions.)

I understand that as a condition of receiving a solar rebate, I am transferring to Company all right, title and interest in and to the solar renewable energy credits (SRECs) associated with the new or expanded System **for a period of ten (10) years** from the date Company confirmed that the System was installed and operational, and during this period, I may not claim credit for the SRECs under any environmental program or transfer or sell the SRECs to any other party.

The undersigned warrants, certifies, and represents that the information provided in this form is true and correct to the best of my knowledge; and the installation meets all Missouri Net Metering and Solar Electric Rebate program requirements.

Applicant's Signature \_\_\_\_\_

Installer's Signature \_\_\_\_\_

Print Solar Rebate Applicant's Name \_\_\_\_\_

Print Installer's Name \_\_\_\_\_

CANCELLED  
August 28, 2018  
Missouri Public  
Service Commission \*Indicates Change  
EE-2019-0027; YE-2019-0012

FILED  
Missouri Public  
Service Commission  
EE-2017-0235; JE-2017-0174

DATE OF ISSUE March 13, 2017DATE EFFECTIVE April 12, 2017ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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

3rd Revised

SHEET NO. 174CANCELLING MO.P.S.C. SCHEDULE NO. 6

2nd Revised

SHEET NO. 174APPLYING TO MISSOURI SERVICE AREATABLE OF CONTENTSENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROGRAMS

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\*Indicates Reissue.      \*\*Indicates Addition.

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Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE <u>November 18, 2020</u>	DATE EFFECTIVE <u>December 18, 2020</u>
ISSUED BY <u>Martin J. Lyons</u> NAME OF OFFICER	<u>Chairman &amp; President</u> TITLE
	<u>St. Louis, Missouri</u> ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 174CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 174

APPLYING TO

MISSOURI SERVICE AREATABLE OF CONTENTSENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROGRAMS

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President  
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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 174CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 174APPLYING TO MISSOURI SERVICE AREATABLE OF CONTENTSENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROGRAMS

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APPLYING TO MISSOURI SERVICE AREATABLE OF CONTENTSENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROGRAMS

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APPLYING TO \_\_\_\_\_

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MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 175CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 175APPLYING TO MISSOURI SERVICE AREA**ENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROGRAMS****WEATHERIZATION PROGRAM****PURPOSE**

This voluntary Weatherization Program is intended to assist qualified residential customers in reducing their use of energy through weatherization and conservation.

**AVAILABILITY**

This voluntary Weatherization Program is available to customers receiving service under the Company's Residential Service Rate 1(M) and who meet the customer eligibility requirements.

**TERMS AND CONDITIONS**

- \*1. Pursuant to the Order issued by the Missouri Public Service Commission (Commission) in Case No. ER-2011-0028, the Company will provide \$1,200,000 annually (the Program funds) for a residential weatherization grant program (Program), including energy education, for primarily lower income customers. The Program is administered by the Missouri Department of Economic Development - Division of Energy (DE).
2. The Program funds will be administered by the State Environmental Improvement and Energy Resources Authority (EIERA) consistent with Program terms and prescribed in the Report and Order issued by the Commission in Case No. ER-2011-0028.
3. The Program offers grants for weatherization services to eligible customers and will be primarily directed to lower income customers.
4. The total amount of grants offered to an individual customer for improvements that can be made to their residence will be determined by using the National Energy Audit Tool (NEAT) software or other MDNR approved audit tool. The grants and improvements offered will be consistent with the federal weatherization assistance program administered by MDNR.
- \*5. The current evaluation will be completed by July 31, 2015. Up to \$120,000 of the Program funds, per evaluation, (up to \$60,000 annually) will be used for performing process and impact evaluations of the Program to be completed at three (3) to five (5) year intervals unless stakeholders agree no evaluation is needed. No evaluation funds will be withheld from Program Funds until after January 1, 2017. The Company will provide two (2) years of each customer's usage and payment history for evaluation purposes. After the evaluation is completed any unused evaluation funds will be used to provide low income weatherization and be included in the following year's payment.
- \*6. The Company will retain at least two (2) years of pre- and post-weatherization usage and payment history for each customer's residence that is weatherized.

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This voluntary Weatherization Program is intended to assist qualified residential customers in reducing their use of energy through weatherization and conservation.

**AVAILABILITY**

This voluntary Weatherization Program is available to customers receiving service under the Company's Residential Service Rate 1(M) and who meet the customer eligibility requirements.

**TERMS AND CONDITIONS**

1. Pursuant to the Order issued by the Missouri Public Service Commission (Commission) in Case No. ER-2011-0028, the Company will provide \$1,200,000 annually (the Program funds) for a residential weatherization grant program (Program), including energy education, for primarily lower income customers. The Program is administered by the Missouri Department of Natural Resources (MDNR).
2. The Program funds will be administered by the State Environmental Improvement and Energy Resources Authority (EIERA) consistent with Program terms and prescribed in the Report and Order issued by the Commission in Case No. ER-2011-0028.
3. The Program offers grants for weatherization services to eligible customers and will be primarily directed to lower income customers.
4. The total amount of grants offered to an individual customer for improvements that can be made to their residence will be determined by using the National Energy Audit Tool (NEAT) software or other MDNR approved audit tool. The grants and improvements offered will be consistent with the federal weatherization assistance program administered by MDNR.
- \*5. Up to \$120,000 of the Program funds (\$60,000 annually) will be used for performing a process and impact evaluation of the Program to be completed by July 31, 2012 for the time period January 1, 2010 through December 31, 2011. A second evaluation will be completed by July 31, 2015. The Company will provide two (2) years of each customer's usage and payment history for evaluation purposes. After the evaluation is completed any any unused evaluation funds will be used to provide low income weatherization and be included in the following year's payment.
6. The Company will retain at least two (2) years of post-weatherization usage and payment history for each customer's residence that is weatherized.

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APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROGRAMSWEATHERIZATION PROGRAMPURPOSE

This voluntary Weatherization Program is intended to assist qualified residential customers in reducing their use of energy through weatherization and conservation.

AVAILABILITY

This voluntary Weatherization Program is available to customers receiving service under the Company's Residential Service Rate 1(M) and who meet the customer eligibility requirements.

TERMS AND CONDITIONS

1. Pursuant to the Order issued by the Missouri Public Service Commission (Commission) in Case No. ER-2011-0028, the Company will provide \$1,200,000 annually (the Program funds) for a residential weatherization grant program (Program), including energy education, for primarily lower income customers. The Program is administered by the Missouri Department of Natural Resources (MDNR).
2. The Program funds will be administered by the State Environmental Improvement and Energy Resources Authority (EI ERA) consistent with Program terms and prescribed in the Report and Order issued by the Commission in Case No. ER-2011-0028.
3. The Program offers grants for weatherization services to eligible customers and will be primarily directed to lower income customers.
4. The total amount of grants offered to an individual customer for improvements that can be made to their residence will be determined by using the National Energy Audit Tool (NEAT) software or other MDNR approved audit tool. The grants and improvements offered will be consistent with the federal weatherization assistance program administered by MDNR.
5. Up to \$120,000 of the Program funds (\$60,000 annually) will be used for performing a process and impact evaluation of the Program to be completed by July 31, 2012 for the time period January 1, 2010 through December 31, 2011. Evaluations will be conducted every two (2) years thereafter. The Company will provide two (2) years of each customer's usage and payment history for evaluation purposes. Any unused evaluation funds will be used to reduce the next year's annual \$60,000 withholding.
6. The Company will retain at least two (2) years of post-weatherization usage and payment history for each customer's residence that is weatherized.

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APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA

**BUSINESS ENERGY EFFICIENCY****PURPOSE**

The purpose of the Business Energy Efficiency Program, which consists of four programs, is to proactively impact Commercial & Industrial (C&I) customer energy use in such a way as to reduce consumption of electricity. The programs included in this tariff are cost effective by having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 181 through 185.1 have the following meanings:

Applicant - A customer who has submitted a program application or has had a program application submitted on their behalf by an agent or Trade Ally.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2012-0142.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, including in the form of cash, bill credit, payment to third party, donations or giveaways, or public education programs, which encourages the adoption of Measures.

Measure - An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

Participant - End use customer and/or manufacturer, installer, or retailer providing qualifying products or services to end use customers.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Period - The period from January 2, 2013 through December 31, 2015 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

Project - One or more Measures proposed by an Applicant in a single application.

Total Resource Cost (TRC) Test - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

Measure Benefit/Cost (B/C) Test - Each non-prescriptive measure must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of the Measure over the useful life of the Measure divided by the incremental cost to implement the Measure. The benefits of the Measure include the utility estimated avoided costs.

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SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY (Cont'd.)**AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, business energy efficiency programs are available uniformly to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Business energy efficiency programs are also not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(6), and monetary Incentives that otherwise would be payable under a program are not available to those that have received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

A customer may elect not to participate (opt-out) in an electric utility's demand side management programs under 4 CSR 240-20.094(6) if they:

- Have at least one account with a demand of 5,000 kW in the previous 12 months with that electric utility, or;
- Operate an interstate pipeline pumping station, or;
- Have multiple accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with that utility and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the utility-provided programs.

A customer electing not to participate (opt-out) must provide written notice to the electric utility no earlier than September 1 and not later than October 30 to be effective for the following calendar year but shall still be allowed to participate in interruptible or curtailable rate schedules of tariffs offered by the electric utility. None of the business energy efficiency programs are considered to be an interruptible or curtailable rate schedule.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

**TERM**

This tariff and the tariffs reflecting each specific business energy efficiency program shall be effective from January 2, 2013 through December 31, 2015, except that the four programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that:

1. Finds recovery of lost revenue is not authorized by MEEIA or any other Missouri law; or

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SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY (Cont'd.)****TERM (Cont'd.)**

2. Changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated by the Company.

If the programs are terminated prior to December 31, 2015 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

**DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

- Standard Incentive Program
- Custom Incentive Program
- Retro-commissioning Incentive Program
- New Construction Incentive Program

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms will be provided on the Company's website [www.ActOnEnergy.com](http://www.ActOnEnergy.com), or by calling toll free 1-866-941-7299.

**CHANGE PROCESS**

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs, and excludes changes to the ranges of Incentive amounts for each Measure.

- 1) Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
- 2) Discuss proposed change with implementer;
- 3) Discuss proposed change with evaluator;
- 4) Analyze impact on program and portfolio (Cost effectiveness, goal achievement, etc.);
- 5) Inform the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public counsel, and the Missouri Department of Natural Resources are informed and provided the above-referenced analysis);

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY (Cont'd.)****CHANGE PROCESS (Cont'd.)**

- 6) Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
- 7) Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
- 8) Make changes to forms and promotional materials;
- 9) Update program website;
- 10) File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2012-0142; and
- 11) Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

**PROPOSED PROGRAM ENERGY SAVINGS TARGETS**

Note that targeted energy savings may be shifted between programs depending on market response, changes in technology, or similar factors. These targets are based on savings at customer meters (excluding transmission and distribution line losses).

	Annual kWh Savings Targets			Total by Program
	2013	2014	2015	
Standard	21,573,968	30,901,412	47,793,508	100,268,887
Custom	48,682,732	50,169,817	68,766,690	167,619,239
Retro Commissioning	2,351,756	2,363,304	2,844,661	7,559,721
New Construction	2,513,756	3,773,143	5,898,434	12,185,332
<b>TOTAL</b>	<b>75,122,212</b>	<b>87,207,676</b>	<b>125,303,293</b>	<b>287,633,180</b>

	Annual kW Demand Savings Estimates Based On kWh Savings Targets			Total by Program
	2013	2014	2015	
Standard	4,540	5,747	8,631	18,918
Custom	13,022	13,656	20,257	46,935
Retro Commissioning	531	523	601	1,655
New Construction	797	1,116	1,867	3,780
<b>TOTAL</b>	<b>18,890</b>	<b>21,042</b>	<b>31,356</b>	<b>71,288</b>

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	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 181.4

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY (Cont'd.)**PROGRAM COSTS**

Costs of the Business Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), and Large Transmission Service Rate 12(M) rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless they have opted-out as provided for previously.

**PROGRAM DESCRIPTIONS**

The following pages contain other descriptions and terms for the programs being offered under this tariff.

**CHANGES IN MEASURES OR INCENTIVES**

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in Case No. EO-2012-0142. The offering of Measures not contained within Company's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [www.ActOnEnergy.com](http://www.ActOnEnergy.com). The Measures and Incentives being offered are subject to change - customers must consult [www.ActOnEnergy.com](http://www.ActOnEnergy.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in Case No. EO-2012-0142, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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APPLYING TOMISSOURI SERVICE AREA

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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY****Standard Incentive Program****PURPOSE**

The Standard Incentive Program will provide pre-set Incentives for energy- efficient products that are readily available in the marketplace. Standard Incentives will be fixed per each Measure. The primary objective of the Standard Incentive Program is to provide an expedited, simple solution for customers interested in purchasing efficient technologies that will produce verifiable energy savings.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the Standard Incentive Program Provisions, below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Standard Incentives for Measures will be provided to qualifying customers that provide completed Standard Incentive Applications as indicated below:

- Customer must complete a Standard Incentive Application form, available at [www.ActOnEnergy.com](http://www.ActOnEnergy.com);
- Customer must provide proof of equipment purchase and installation;
- Measures must be purchased and installed after January 2, 2013;
- Measures which receive an Incentive under the Custom Incentive Program are not eligible for this Standard Incentive Program;
- Measures must be part of a Project having an installed TRC ratio greater than 1.0; and
- Standard Measures must be installed as a retrofit in an existing facility;

By applying for the Standard Incentive Program, the customer agrees that the Project may be subject to random on-site inspections by the Program Administrator.

**ELIGIBLE MEASURES AND INCENTIVES**

Standard Incentives filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered during the Program Period. These include, but are not limited to, the following equipment types:

- HVAC (Heating, Ventilation, and Air-conditioning)
- Lighting
- Refrigeration
- Cooking
- Water Heating

Eligible Incentives directly paid to customers and Measures can be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

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CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY****Custom Incentive Program****PURPOSE**

The Custom Incentive Program will provide financial assistance to customers to support implementation of energy efficiency improvement opportunities which are available at the time of new equipment purchases, facility modernization, and industrial process improvement. A "Custom Incentive" is a direct payment or bill credit to a Participant for installation of Measures that are part of Projects that have been pre-approved by the Program Administrator.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet Custom Incentive Program Provisions below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Customers may apply for a Custom Incentive for Measures under consideration which:

- Reduce energy consumption compared to the currently installed system or, in the case of a new system, the standard efficiency system currently available;
- Have not yet been installed and for which purchase and/or installation commitments have not yet been made;
- Have not received an Incentive under the Standard Incentive Program;
- Are not one of the Measures eligible for an Incentive under the Standard Incentive Program; and
- Are being installed in an existing facility.

Prior to purchasing and installing Measure(s), Applicant must submit a Custom Incentive Application form that provides data about the applicable facility and potential Measure(s). The Company or Program Administrator will perform a desk review of the Custom Incentive Application to determine eligibility, Measure Benefit Cost Test results, estimated energy savings and Custom Incentive amount for each Measure. The Program Administrator may perform a site visit to verify baseline conditions. If approved, the Program Administrator will reserve the Custom Incentive amount and notify the Participant of the Measure(s) approval.

Following installation of approved Custom Measures, the Participant will submit a Completion Certificate to the Program Administrator. The Completion Certificate will require documentation of final Custom Measure costs, a completion date for each Custom Measure, and invoices for all Custom Measures. If necessary, the Custom Incentive amount will be recalculated. Every Custom Incentive Application for a Custom Incentive requires pre-approval by the Program Administrator and may be subject to on-site verification by the Program Administrator prior to payment of the Custom Incentive amount.

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MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 184CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 184APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY****Retro-Commissioning Program****PURPOSE**

The Retro-Commissioning Program(Program) will capture energy and demand reductions from existing facilities by optimizing building system energy use and overall efficiency. Through this Program, the Company will provide energy assessment services and assistance in implementing identified solutions to customers to insure that their systems are operating at optimal energy efficiency.

**\*AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section and that also meet the following Program Provisions. Participants in this Program will be those customers with a facility that has all of the following criteria:

- At least one of the following conditions:
  - o Higher than average electric energy intensities(kWh/ft<sup>2</sup>); or
  - o Minimum of 100,000 ft<sup>2</sup> of conditioned space; or
  - o Presence of an energy management system (EMS);
- Mechanical equipment in relatively good condition; and
- Will yield cost-effective energy savings according to a Retro-Commission Assessment Study

A "Retro-Commissioning Assessment Study" is a detailed analysis performed by Retro-Commissioning Providers on Projects passing the initial screening which is used to identify sub-optimal system operational performance and to identify corrections which will yield cost-effective energy savings.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets. Program benefits have been designed to provide cost effective Retro-Commissioning services to eligible facilities and include:

- Recruitment and training of Retro-Commissioning providers,
- Benchmarking of candidate facilities using ENERGY STAR® procedures to identify facilities with Retro-Commissioning opportunities,
- Access to a group of pre-qualified Retro-Commissioning Providers that can provide studies performed by trained auditors to identify cost effective building system optimization Measures,
- Assisting building owners with contractor acquisition and management during the implementation process,

\*Indicates Change

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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY****Retro-Commissioning Program****PURPOSE**

The Retro-Commissioning Program will capture energy and demand reductions from existing facilities by optimizing building system energy use and overall efficiency. Through this Program, the Company will provide energy assessment services and assistance in implementing identified solutions to customers to insure that their systems are operating at optimal energy efficiency.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section and that also meet the Retro-Commissioning Program Provisions below. Customer facilities eligible for investigation under this program will include those with:

- Higher than average electric energy intensities (kWh/ft<sup>2</sup>);
- Minimum of 100,000 ft<sup>2</sup> of conditioned space;
- Presence of an energy management system (EMS) with direct digital controls (DDC);
- Mechanical equipment in relatively good condition; and
- Will yield cost-effective energy savings according to a Retro-Commission Assessment Study

A "Retro-Commissioning Assessment Study" is a detailed analysis performed by Retro-Commissioning Providers on Projects passing the initial screening which is used to identify sub-optimal system operational performance and to identify corrections which will yield cost-effective energy savings.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Program benefits have been designed to provide cost effective Retro-Commissioning services to eligible facilities and include:

- Recruitment and training of Retro-Commissioning providers,
- Benchmarking of candidate facilities using ENERGY STAR® procedures to identify facilities with Retro-Commissioning opportunities,
- Access to a group of pre-qualified Retro-Commissioning Providers that can provide studies performed by trained auditors to identify cost effective building system optimization Measures,
- Assisting building owners with contractor acquisition and management during the implementation process,

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCYRetro-Commissioning Program (Cont'd.)**PROGRAM PROVISIONS (Cont'd.)**

- Building owner staff training on Retro-Commissioning operations,
- Verification of operating results, or
- Ongoing monitoring of Retro-Commissioned building systems to promote persistence of improvements.

The Incentives provided through the Retro-Commissioning Program will be limited to those Measures which are determined to achieve energy efficiency improvements through the calibration, maintenance, and optimization of current systems.

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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY****New Construction Incentive Program****PURPOSE**

The New Construction Incentive Program will capture energy and demand reductions from new construction projects by interacting with building owners and designers during the design and/or construction process. The Program encourages building owners and designers to evaluate and install systems with higher energy efficiencies than the standard or planned systems through training, design incentives, and installation incentives.

**DEFINITIONS APPLICABLE TO NEW CONSTRUCTION INCENTIVE PROGRAM ONLY**

Baseline Building Design - The baseline building design will be established on a case-by-case basis, as the more stringent of either the ASHRAE Code 90.1-2001, the facility's original design, the local energy code, or any legal or contractual construction requirements. Baseline building design will be documented in the Technical Analysis Study (TAS).

Technical Analysis Study (TAS) - An energy savings estimate that clearly describes the energy efficiency/process improvement opportunity, with concise and well-documented presentations of the analysis method used to estimate energy savings, and the assumptions used to generate Project capital cost estimates. Each TAS will:

- Describe the proposed facility (typically with a sketch or blueprint showing site layout or floor plan).
- Describe the Baseline Building Design and provide its estimated electricity use and estimated annual Operations & Maintenance costs.
- Describe the efficient equipment to be added along with key performance specifications.
- Provide estimated electricity use for the efficient condition.
- Provide the energy and demand savings calculations, together with the source of input parameter numbers and justification for each assumption made.
- Provide the incremental cost to implement the Project.
- Provide the estimated financial Incentive and estimated annual cost savings, together with the financial metric(s) requested by the customer (i.e., simple payback, Internal Rate of Return, Return on Investment).

Whole Building Area Method - An energy analysis methodology in which the design team examines the integration of all building components and systems and determines how they best work together to save energy and reduce environmental impact.

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## ELECTRIC SERVICE

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**MISSOURI SERVICE AREA****BUSINESS ENERGY EFFICIENCY****New Construction Incentive Program (Cont'd.)****AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the New Construction Program Provisions. Eligible facilities applications include new facilities built from the ground up, additions to existing facilities, or major renovation of existing facilities requiring significant mechanical and/or electrical equipment alteration.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Program benefits are tailored to Projects based on their phase in the development process.

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****PURPOSE**

The purpose of the Residential Energy Efficiency Program, which consists of seven programs, is to proactively impact residential customer energy use in such a way as to reduce consumption of electricity. With the exception of the Multifamily Low Income program, the programs included in this tariff are cost effective having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Capitalized terms not otherwise defined in Tariff Sheet Nos. 191 through 198 have the following meanings:

**DSIM (Demand-Side Programs Investment Mechanism)**

A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2012-0142.

**Incentive**

Any consideration provided by the Company, through the Program Administrator and Program Partners, including buydowns, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of Measures.

**Measure**

An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

**Program Administrator**

The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

**Program Period** - The period from January 2, 2013 through December 31, 2015, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company's website [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

**Program Partner**

A retailer, distributor or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company approved service agreement.

**Total Resource Cost (TRC) Test** - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

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**MISSOURI SERVICE AREA****RESIDENTIAL ENERGY EFFICIENCY (Cont'd.)****AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, residential energy efficiency programs are available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule. Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners.

Monetary incentives are not payable to a customer participating in a residential energy efficiency program that has received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

**TERM**

This tariff and the tariffs reflecting each specific residential energy efficiency program shall be effective from January 2, 2013 through December 31, 2015, except that the seven programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that:

1. Invalidates the recovery of the Throughput Disincentive as that recovery is structured in the Unanimous Stipulation and Agreement Resolving Ameren Missouri's MEEIA filing filed in Case No. EO-2012-0142; or
2. Changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or not objected to by the Company.

If the programs are terminated prior to December 31, 2015 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

Notwithstanding the foregoing, the Home Energy Performance and HVAC Programs may not commence until as late as March 1, 2013.

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**MISSOURI SERVICE AREA****RESIDENTIAL ENERGY EFFICIENCY (Cont'd.)****DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

- Lighting
- Energy Efficient Products
- HVAC
- Refrigerator Recycling
- Home Energy Performance Pilot
- Energy Star® New Homes
- Multifamily Low Income

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms, will be provided on the Company's website [www.ActOnEnergy.com](http://www.ActOnEnergy.com), or by calling the Company's Energy Advisor Center toll free 1-866-422-4605.

**CHANGE PROCESS**

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs, and excludes changes to the ranges of Incentive amounts for each Measure.

- 1) Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
- 2) Discuss proposed change with implementer;
- 3) Discuss proposed change with evaluator;
- 4) Analyze impact on program and portfolio (Cost-effectiveness, goal achievement, etc.);
- 5) Inform the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done, and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources are informed and provided the above-referenced analysis);
- 6) Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
- 7) Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
- 8) Make changes to forms and promotional materials;
- 9) Update program website;

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ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 191.3

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY (Cont'd.)****CHANGE PROCESS (Cont'd.)**

- 10) File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2012-0142; and
- 11) Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

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ET-2013-0546; JE-2013-0582

**PROPOSED PROGRAM ENERGY SAVINGS TARGETS**

Note that energy savings targets may be shifted between programs depending on market response, changes in technology, or similar factors. These targets are based on savings at customer meters (excluding transmission and distribution line losses).

	Annual kWh Savings Targets			Total by Program
	2013	2014	2015	
Lighting	121,257,847	96,836,711	62,371,215	280,465,773
Efficient Products	7,512,796	15,767,889	25,086,781	48,367,466
HVAC	17,218,114	36,642,847	63,386,189	117,247,150
Refrigerator	11,739,510	11,949,610	13,888,077	37,577,196
Recycling				
Home Energy Performance	1,070,199	1,070,199	1,070,199	3,210,597
Energy Star New Homes	678,990	1,439,630	2,815,884	4,934,505
Low Income	5,797,743	4,530,478	3,338,190	13,666,410
<b>TOTAL</b>	<b>165,275,199</b>	<b>168,237,364</b>	<b>171,956,535</b>	<b>505,469,097</b>

	Annual kW Demand Savings Estimates Based On kWh Savings Targets			Total by Program
	2013	2014	2015	
Lighting	3,647	2,911	1,875	8,433
Efficient Products	1,273	2,552	3,838	7,663
HVAC	12,361	24,303	36,745	73,409
Refrigerator	1,636	1,664	1,934	5,234
Recycling				
Home Energy Performance	352	351	350	1,053
Energy Star New Homes	82	272	639	993
Low Income	774	841	744	2,359
<b>TOTAL</b>	<b>20,125</b>	<b>32,894</b>	<b>46,125</b>	<b>99,144</b>

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****RESIDENTIAL ENERGY EFFICIENCY (Cont'd.)****PROGRAM COSTS**

Costs of the Residential Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Residential Service Rate 1(M) rate schedule. All customers taking service under said rate schedule shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder.

**PROGRAM DESCRIPTIONS**

The following pages contain descriptions and terms for the programs being offered under this tariff.

**CHANGES IN MEASURES OR INCENTIVES**

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in Case No. EO-2012-0142. The offering of Measures not contained within Company's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [www.ActOnEnergy.com](http://www.ActOnEnergy.com). The Measures and Incentives being offered are subject to change - customers must consult [www.ActOnEnergy.com](http://www.ActOnEnergy.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in Case No. EO-2012-0142, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 192

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Lighting Program****PURPOSE**

The Lighting Program is intended to reduce energy use in residential lighting by encouraging selection of ENERGY STAR®-qualified lighting products.

**AVAILABILITY**

The Lighting Program is available for the Program Period, and Residential customers may participate in the Lighting Program by acquiring program ENERGY STAR® Compact Fluorescent Lamps (CFLs), ENERGY STAR® LED lighting products, ENERGY STAR® fixtures, and other emerging ENERGY STAR®-qualified lighting technologies from participating Program Partners through purchase or other approved distribution methods, such as social marketing distribution, kits and/or direct installation.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Lighting Program Administrator will provide Lighting Program services and Incentives to Program Partners for the purpose of increasing awareness, sales, and market share of residential ENERGY STAR®-qualified products promoted by the Lighting Program.

Lighting Program promotions will be made available at Program Partner locations within the Company's electric service territory. Participating Lighting Program Partners will be listed on the [www.ActOnEnergy.com](http://www.ActOnEnergy.com) website with store name and location listed as well as any in-store promotions being offered.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Lighting Products filed in File No. EO-2012-0142 and additional Lighting Products covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Lighting Products and Incentives paid directly to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Energy Efficient Products Program****PURPOSE**

The purpose of the Energy Efficient Products Program is to raise customer awareness of the benefits of "high-efficiency" products (ENERGY STAR®, Consortium for Energy Efficiency (CEE) Tiers, or better). The Program is intended to reduce energy use by encouraging residential customers to purchase qualifying efficient products.

**AVAILABILITY**

The Energy Efficient Products Program is available for the Program Period, and Residential customers may participate in the Program by acquiring program energy efficient products from participating Program Partners through purchase or other approved distribution method, such as kits, contractors, and/or direct installations.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Energy Efficient Products Program incorporates various program partners, products, Incentive mechanisms and program delivery strategies.

The Company and the Program Administrator will follow a multi-faceted approach to marketing highly efficient appliances, electronics and products with an emphasis on ENERGY STAR®. Company will leverage the CEE and others to identify efficiency tiers above ENERGY STAR® for additional products.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Products Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Energy Efficient Products and Incentives paid directly to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

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APPLYING TO MISSOURI SERVICE AREARESIDENTIAL ENERGY EFFICIENCYHVAC**PURPOSE**

The purpose of the HVAC Program is to obtain energy and demand savings through improvement in the operating performance of new or existing residential central cooling systems.

**AVAILABILITY**

The HVAC Program is available for the Program Period, and Services under this Program are available to Customers on the Residential Service Rate 1(M) with central cooling systems.

**PROGRAM PROVISIONS**

The Residential HVAC program improves the efficiency of new and existing central air conditioning systems, including heat pumps, by replacing or improving the efficiency of legacy cooling systems within the home.

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Company will provide Incentives to encourage sales of energy efficient products and for properly installed HVAC energy saving upgrades.

The program will employ the Program Administrator's preferred protocols to verify system eligibility for program Measures.

**ELIGIBLE MEASURES AND INCENTIVES**

HVAC related program Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives paid directly to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

**TERM**

This program may not be available or fully rolled-out on January 2, 2013, but will be fully rolled out and available by March 1, 2013. Consult [www.ActOnEnergy.com](http://www.ActOnEnergy.com) prior to that date to determine the status of the program.

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Refrigerator Recycling Program****PURPOSE**

The Refrigerator Recycling Program (Program) is a voluntary program designed to encourage the retirement of inefficient, working refrigerators and freezers by providing an Incentive to take the units out of homes and recycle them in an environmentally safe manner.

**AVAILABILITY**

The Refrigerator Recycling Program is available during the Program Period. All Company customers receiving service under the Residential Service Rate 1(M) are eligible for this program.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The following general process will be followed to serve Participants in the Program:

- Participants contact the Program toll-free or online at [www.ActOnEnergy.com](http://www.ActOnEnergy.com) to schedule the appliance pickup.
- At the Participant's address the Program Partner team verifies the unit is eligible and removes it from the home.
- The unit is taken to the Program Partner facility and all materials are recovered for recycling or disposed of in accordance with Environmental Protection Agency (EPA) approved practices.
- Incentives are sent to Participants following the pick-up appointment.

**ELIGIBLE MEASURES AND INCENTIVES**

Recycling related Measures (refrigerators and freezers) filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Program details and Incentives paid directly to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

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	NAME OF OFFICER	TITLE	ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 196

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Home Energy Performance Pilot****PURPOSE**

The purpose of the Home Energy Performance (HEP) Pilot is to find a cost-effective dual fuel whole home auditing solution. Company is planning to work with gas and electric customers on a whole house basis to save energy using the combined energy savings as well as shared costs where feasible to create a working program that can be applied service area-wide.

**AVAILABILITY**

Services under this program are available to Residential customers on the Residential Service Rate 1(M) who reside in single family homes where both the gas and electric service are provided by Company. Company will initiate the HEP Program no later than March 1, 2013.

**PROGRAM PROVISIONS**

Home Energy Performance is a pilot energy efficiency program focused on a whole house audit approach to educate residential customers about energy use in their homes and to offer information, products, and services to residential customers to save energy wisely. This allows the customer to identify and initiate the process of installing long-term energy efficiency upgrades and practices. The HEP program itself may have multiple components. In addition, it provides yet another entryway for customers to take advantage of the Company's entire portfolio of residential energy efficiency solutions. The implementation team will attempt to leverage the Company's other residential programs. For example, as warranted, the homeowner may be encouraged to participate in the HVAC, Lighting and/or Energy Efficient Products programs to deliver additional discounted energy savings as determined by an audit.

**ELIGIBLE MEASURES AND INCENTIVES**

Home Energy Performance Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives paid directly to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

**TERM**

This program may not be available or fully rolled-out on January 2, 2013, but will be fully rolled out and available by March 1, 2013. Consult [www.ActOnEnergy.com](http://www.ActOnEnergy.com) prior to that date to determine the status of the program.

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NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 197CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 197APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****ENERGY STAR® New Homes****PURPOSE**

The objective of this Program is to increase consumer awareness of and demand for ENERGY STAR® version 3.0 single family homes while increasing the building industry's willingness and ability to construct energy-efficient homes.

**\*AVAILABILITY**

The ENERGY STAR® New Homes Program is available to builders of single family homes which will be on the Residential Service Rate 1(M) and which have reserved a rebate under a signed agreement on or before the effective date of this tariff and for homes which have been completed and verified as satisfying Program requirements on or before December 31, 2014.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. New construction covers the building of new energy- efficient homes, including the new home's envelope (outer walls, windows, doors, skylights, roof and insulation), HVAC system, ductwork, lighting and appliances. The program targets builders with a package of training, technical and marketing assistance and incentives for construction of higher efficiency homes.

The Program provides Incentives to builders to defray the incremental costs of reaching higher efficiency levels. Key aspects of Program Administrator's proposed implementation plans should include the following components:

- Leverage existing infrastructure of builders.
- Provide builder training on ENERGY STAR® New Homes requirements, compliance paths, incentive structures and the marketing strategy.
- Recruit electrical and HVAC contractors for training as their ability to perform greatly influences the success of the program.
- Establish incentive structure.
- The program may offer lender, realtor and appraiser training courses.

**ELIGIBLE MEASURES AND INCENTIVES**

ENERGY STAR® New Homes Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

\*Denotes Change

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**MISSOURI SERVICE AREA****RESIDENTIAL ENERGY EFFICIENCY****ENERGY STAR® New Homes****PURPOSE**

The objective of this Program is to increase consumer awareness of and demand for ENERGY STAR® version 3.0 single family homes while increasing the building industry's willingness and ability to construct energy- efficient homes.

**AVAILABILITY**

The ENERGY STAR® New Homes Program is available for the Program Period, and services under this Program are available to builders of single family homes which will be on the Residential Service Rate 1 (M) .

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. New construction covers the building of new energy- efficient homes, including the new home's envelope (outer walls, windows, doors, skylights, roof and insulation), HVAC system, ductwork, lighting and appliances. The program targets builders with a package of training, technical and marketing assistance and incentives for construction of higher efficiency homes.

The Program provides Incentives to builders to defray the incremental costs of reaching higher efficiency levels. Key aspects of Program Administrator's proposed implementation plans should include the following components:

- Leverage existing infrastructure of builders.
- Provide builder training on ENERGY STAR® New Homes requirements, compliance paths, incentive structures and the marketing strategy.
- Recruit electrical and HVAC contractors for training as their ability to perform greatly influences the success of the program.
- Establish incentive structure.
- The program may offer lender, realtor and appraiser training courses.

**ELIGIBLE MEASURES AND INCENTIVES**

ENERGY STAR® New Homes Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

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APPLYING TO

MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Multifamily Low Income Program****PURPOSE**

The objective of this program is to deliver long-term energy savings and bill reductions to low-income customers. This will be achieved through education and a variety of directly installed cost-saving measures.

**AVAILABILITY**

The Multifamily Low Income Program is available for the Program Period to income qualified dwelling units of multifamily properties of three (3) or more dwelling units receiving electric service from the Company. For the purposes of this Program the term "income qualified" refers to tenant occupants residing in federally subsidized housing units and who fall within that federal program's income guidelines. Typical tenants will be elderly or disabled individuals and families that are income qualified, in multifamily apartment buildings.

**\*PROGRAM DESCRIPTION**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Program Administrator will provide direct installation of Program-specified Standard Measure energy efficiency Measures in income qualified dwelling units in multifamily residential buildings.

Incentives under this Program will only be provided toward income qualified dwelling units. However, properties with a combination of federally subsidized units and non-subsidized units require at least 51% be federally subsidized units to receive incentives for the entire building. For multifamily properties with less than 51% federally subsidized units, the owner/manager will be required to verify installation of comparable qualified energy efficiency measures at their own expense in all non-subsidized units, then the Program may upgrade all of the remaining eligible units with qualified energy efficiency measures.

Measures installed pursuant to the Program, except for non-incented Measures for market rate (i.e., not rent-subsidized) units, are not eligible for Incentives through any of the Company's other Energy Efficiency programs.

**ELIGIBLE MEASURES AND INCENTIVES**

Low Income Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

\* Indicates Change

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NAME OF OFFICER TITLE ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 198

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY****Multifamily Low Income Program****PURPOSE**

The objective of this program is to deliver long-term energy savings and bill reductions to low-income customers. This will be achieved through education and a variety of directly installed cost-saving measures.

**AVAILABILITY**

The Multifamily Low Income Program is available for the Program Period to income qualified dwelling units of multifamily properties of three (3) or more dwelling units receiving electric service from the Company. For the purposes of this Program the term "income qualified" refers to tenant occupants residing in federally subsidized housing units and who fall within that federal program's income guidelines. Typical tenants will be elderly or disabled individuals and families that are income qualified, in multifamily apartment buildings.

**PROGRAM DESCRIPTION**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Program Administrator will provide direct installation of Program-specified Standard Measure energy efficiency Measures in income qualified dwelling units in multifamily residential buildings.

Incentives under this Program will only be provided toward income qualified dwelling units. However, as a requirement of Program participation, comparable energy efficiency Measures must be installed in all dwelling units, both low income and market rate, located on the premises.

Measures installed pursuant to the Program, except for non-incented Measures for market rate (i.e., not rent-subsidized) units, are not eligible for Incentives through any of the Company's other Energy Efficiency programs.

**ELIGIBLE MEASURES AND INCENTIVES**

Low Income Measures filed in File No. EO-2012-0142 and additional Measures covered by the TRM approved in File No. EO-2012-0142 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [www.ActOnEnergy.com](http://www.ActOnEnergy.com).

CANCELLED  
November 9, 2014  
Missouri Public  
Service Commission  
JE-2015-0147

FILED  
Missouri Public  
Service Commission  
ET-2013-0546; JE-2013-0582

DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 201CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 201APPLYING TO MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18PURPOSE

The purpose of the Business Energy Efficiency Program, which consists of several programs, is to proactively impact Commercial & Industrial (C&I) customer energy use in such a way as to reduce consumption of electricity. The programs included in this tariff are cost effective by having a Total Resource Cost Test ratio of greater than 1.0.

DEFINITIONS

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 201 through 206 have the following meanings:

Applicant - A customer who has submitted a program application or has had a program application submitted on their behalf by an agent or Trade Ally.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2015-0055.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, including in the form of cash, bill credit, payment to third party, donations or giveaways, or public education programs, which encourages the adoption of Measures.

\*Long-Lead Project - A project committed by a Customer, accepted by the Company, and submitted a signed commitment offer to the program administrator by January 31, 2019, according to the terms and implementation of the MEEIA 2016-2018 Energy Efficiency Plan that will require until a date after February 28, 2019, but no later than January 31, 2021, to certify completion.

Measure - An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

\*MEEIA 2016-2018 Energy Efficiency Plan - Has the same meaning as the defined term "Plan" provided in the Non-Unanimous Stipulation and Agreement approved by the Commission in its order effective March 1, 2016, as amended by order effective February 23, 2016, in File No. EO-2015-0055, as it may be amended further by subsequent Commission orders.

Participant - End use customer and/or manufacturer, installer, or retailer providing qualifying products or services to end use customers.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Period - The period from March 1, 2016 through February 28, 2019 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com](http://AmerenMissouri.com).

Project - One or more Measures proposed by an Applicant in a single application.

CANCELLED  
December 20, 2020  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2021-0121

\*Indicates Addition.

FILED  
Missouri Public  
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EO-2015-0055; YE-2017-0275

DATE OF ISSUE	<u>June 29, 2017</u>	DATE EFFECTIVE	<u>July 29, 2017</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. 6Original SHEET NO. 201

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****PURPOSE**

The purpose of the Business Energy Efficiency Program, which consists of several programs, is to proactively impact Commercial & Industrial (C&I) customer energy use in such a way as to reduce consumption of electricity. The programs included in this tariff are cost effective by having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 201 through 206 have the following meanings:

Applicant - A customer who has submitted a program application or has had a program application submitted on their behalf by an agent or Trade Ally.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2015-0055.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, including in the form of cash, bill credit, payment to third party, donations or giveaways, or public education programs, which encourages the adoption of Measures.

Measure - An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

Participant - End use customer and/or manufacturer, installer, or retailer providing qualifying products or services to end use customers.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Period - The period from March 1, 2016 through February 28, 2019 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com](http://AmerenMissouri.com).

Project - One or more Measures proposed by an Applicant in a single application.

Total Resource Cost (TRC) Test - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

DATE OF ISSUE	<u>February 5, 2016</u>	DATE EFFECTIVE	<u>March 6, 2016</u>
ISSUED BY	<u>Michael Moehn</u>	PRESIDENT	<u>St. Louis, Missouri</u>
NAME OF OFFICER		TITLE	ADDRESS

FILED  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2016-0198

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 201.1CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 201.1

APPLYING TO

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)DEFINITIONS (Cont'd.)

Total Resource Cost (TRC) Test - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

Measure Benefit/Cost (B/C) Test - Each non-prescriptive measure must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of the Measure over the useful life of the Measure divided by the incremental cost to implement the Measure. The benefits of the Measure include the utility estimated avoided costs.

AVAILABILITY

Except as otherwise provided in the terms governing a particular program, business energy efficiency programs are available uniformly to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

\*Business energy efficiency programs are also not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(6).

A customer may elect not to participate (opt-out) in an electric utility's demand side management programs under 4 CSR 240-20.094(6) if they:

1. Have at least one account with a demand of 5,000 kW in the previous 12 months with that electric utility, or;
2. Operate an interstate pipeline pumping station, or;
3. Have one or more accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with that utility and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the utility-provided programs.

A customer electing not to participate (opt-out) must provide written notice to the electric utility no earlier than September 1 and not later than October 30 to be effective for the following calendar year but shall still be allowed to participate in interruptible or curtailable rate schedules of tariffs offered by the electric utility. None of the business energy efficiency programs are considered to be an interruptible or curtailable rate schedule. Upon election by a customer to opt-out,

\*Indicates Change.

CANCELLED  
December 20, 2020  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2021-0121

FILED  
Missouri Public  
Service Commission  
JE-2018-0014

DATE OF ISSUE July 29, 2017DATE EFFECTIVE August 28, 2017ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 201.1CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 201.1

APPLYING TO

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)DEFINITIONS (Cont'd.)

\*Total Resource Cost (TRC) Test - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

Measure Benefit/Cost (B/C) Test - Each non-prescriptive measure must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of the Measure over the useful life of the Measure divided by the incremental cost to implement the Measure. The benefits of the Measure include the utility estimated avoided costs.

AVAILABILITY

Except as otherwise provided in the terms governing a particular program, business energy efficiency programs are available uniformly to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Business energy efficiency programs are also not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(6), and monetary Incentives that otherwise would be payable under a program are not available to those that have received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

A customer may elect not to participate (opt-out) in an electric utility's demand side management programs under 4 CSR 240-20.094(6) if they:

1. Have at least one account with a demand of 5,000 kW in the previous 12 months with that electric utility, or;
2. Operate an interstate pipeline pumping station, or;
3. Have one or more accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with that utility and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the utility-provided programs.

A customer electing not to participate (opt-out) must provide written notice to the electric utility no earlier than September 1 and not later than October 30 to be effective for the following calendar year but shall still be allowed to participate in interruptible or curtailable rate schedules of tariffs offered by the electric utility. None of the business energy efficiency programs are considered to be an interruptible or curtailable rate schedule. Upon election by a customer to opt-out,

\*Indicates Reissue.

CANCELLED August 28, 2017 Missouri Public Service Commission JE-2018-0014	DATE OF ISSUE <u>June 29, 2017</u>	DATE EFFECTIVE <u>July 29, 2017</u>
ISSUED BY <u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
NAME OF OFFICER	TITLE	ADDRESS
	FILED Missouri Public Service Commission EO-2015-0055; YE-2017-0275	

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 201.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****BUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****DEFINITIONS (Cont'd.)**

Measure Benefit/Cost(B/C) Test - Each non-prescriptive measure must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of the Measure over the useful life of the Measure divided by the incremental cost to implement the Measure. The benefits of the Measure include the utility estimated avoided costs.

**AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, business energy efficiency programs are available uniformly to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Business energy efficiency programs are also not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(6), and monetary Incentives that otherwise would be payable under a program are not available to those that have received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

A customer may elect not to participate (opt-out) in an electric utility's demand side management programs under 4 CSR 240-20.094(6) if they:

1. Have at least one account with a demand of 5,000 kW in the previous 12 months with that electric utility, or;
2. Operate an interstate pipeline pumping station, or;
3. Have one or more accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with that utility and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the utility-provided programs.

A customer electing not to participate (opt-out) must provide written notice to the electric utility no earlier than September 1 and not later than October 30 to be effective for the following calendar year but shall still be allowed to participate in interruptible or curtailable rate schedules of tariffs offered by the electric utility. None of the business energy efficiency programs are considered to be an interruptible or curtailable rate schedule. Upon election by a customer to opt-out, either under this or earlier MEEIA programs, that designation will continue unless Company is notified the customer wishes to revoke their opt-out status.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

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NAME OF OFFICERPresident  
TITLE**FILED**  
**Missouri Public** St. Louis, Missouri  
**Service Commission**  
ADDRESS

EO-2015-0055; YE-2016-0198

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 201.2CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 201.2

APPLYING TO

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)\*AVAILABILITY (Cont'd.)

either under this or earlier MEEIA programs, that designation will continue unless Company is notified the customer wishes to revoke their opt-out status.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

\*\*TERM

This tariff and the tariffs reflecting each specific business energy efficiency program shall be effective from March 1, 2016 through February 28, 2019, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com](http://AmerenMissouri.com) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com). Long-Lead Projects approved as part of a program may have up until, but no later than, January 31, 2021, to certify completion, depending on the program's guidelines.

If the programs are terminated prior to February 28, 2019 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer. For programs extended to January 31, 2021 as a result of Long-Lead Projects, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

DESCRIPTION

The reductions in energy consumption will be accomplished through the following programs:

1. Standard Incentive Program
2. Custom Incentive Program
3. Retro-commissioning Incentive Program
4. New Construction Incentive Program
5. Small Business Direct Install Incentive Program

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, Measure Ranges, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms will be provided on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com), or by calling toll free 1-866-941-7299.

CANCELLED  
December 20, 2020  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2021-0121

\*Indicates Reissue. \*\*Indicates Change.

DATE OF ISSUE June 29, 2017DATE EFFECTIVE July 29, 2017ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLEFILED  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2017-0275St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 201.2

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****BUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****TERM**

This tariff and the tariffs reflecting each specific business energy efficiency program shall be effective from March 1, 2016 through February 28, 2019, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com](http://AmerenMissouri.com) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com).

If the programs are terminated prior to February 28, 2019 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

**DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

1. Standard Incentive Program
2. Custom Incentive Program
3. Retro-commissioning Incentive Program
4. New Construction Incentive Program
5. Small Business Direct Install Incentive Program

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, Measure Ranges, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms will be provided on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com), or by calling toll free 1-866-941-7299.

DATE OF ISSUE <u>February 5, 2016</u>		DATE EFFECTIVE <u>March 6, 2016</u>	
ISSUED BY <u>Michael Moehn</u>	<u>President</u>	<u>Missouri Public</u>	<u>St. Louis, Missouri</u>
NAME OF OFFICER	TITLE	Service Commission	ADDRESS

CANCELLED  
July 29, 2017  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2017-0275

FILED  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2016-0198

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 201.3

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)CHANGE PROCESS

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs.

1. Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
2. Discuss proposed change with implementer;
3. Discuss proposed change with evaluator;
4. Analyze impact on program and portfolio (Cost effectiveness, goal achievement, etc.);
5. Inform the Staff, Office of the Public Counsel, and the Missouri Department of Economic Development - Division of Energy (DE) of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public counsel, and the DE are informed and provided the above-referenced analysis);
6. Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
7. Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
8. Make changes to forms and promotional materials;
9. Update program website;
10. File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2015-0055; and
11. Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

CANCELLED  
December 20, 2020  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2021-0121

DATE OF ISSUE	<u>February 5, 2016</u>	DATE EFFECTIVE	<u>March 6, 2016</u>
ISSUED BY	<u>Michael Moehn</u>	PRESIDENT	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

FILED  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2016-0198

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 201.4CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 201.4

APPLYING TO

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)PROGRAM COSTS

Costs of the Business Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), and Large Transmission Service Rate 12(M) rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless they have opted-out as provided for previously.

PROGRAM DESCRIPTIONS

The following pages contain other descriptions and terms for the programs being offered under this tariff.

\*CHANGES IN MEASURES OR INCENTIVES

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in File No. EO-2015-0055. The offering of Measures not contained within Company's TRM must be approved by the Commission. Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [AmerenMissouri.com](http://AmerenMissouri.com). The Measures and Incentives being offered are subject to change - customers must consult [AmerenMissouri.com](http://AmerenMissouri.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in File No. EO-2015-0055, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

CANCELLED  
December 20, 2020  
Missouri Public  
Service Commission \*Indicates Change  
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EO-2015-0055; YE-2017-0202

DATE OF ISSUE April 18, 2017DATE EFFECTIVE May 18, 2017ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 201.4

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)PROGRAM COSTS

Costs of the Business Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), and Large Transmission Service Rate 12(M) rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless they have opted-out as provided for previously.

PROGRAM DESCRIPTIONS

The following pages contain other descriptions and terms for the programs being offered under this tariff.

CHANGES IN MEASURES OR INCENTIVES

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in File No. EO-2015-0055. The offering of Measures not contained within Company's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [AmerenMissouri.com](http://AmerenMissouri.com). The Measures and Incentives being offered are subject to change - customers must consult [AmerenMissouri.com](http://AmerenMissouri.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in File No. EO-2015-0055, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

CANCELLED

May 18, 2017

Missouri Public

Service Commission

EO-2015-0055; YE-2017-0202

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NAME OF OFFICERPresident  
TITLEFILED  
Missouri Public  
Service Commission  
St. Louis, Missouri  
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MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 202

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Standard Incentive Program****PURPOSE**

The Standard Incentive Program will provide pre-set Incentives for energy efficient products that are readily available in the marketplace. Standard Incentives will be fixed per each Measure. The primary objective of the Standard Incentive Program is to provide an expedited, simple solution for customers interested in purchasing efficient technologies that will produce verifiable energy savings.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the Standard Incentive Program Provisions, below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Standard Incentives for Measures will be provided to qualifying customers that provide completed Standard Incentive Applications as indicated below:

1. Customer must complete a Standard Incentive Application form, available at [AmerenMissouri.com](http://AmerenMissouri.com);
2. Customer must provide proof of equipment purchase and installation;
3. Measures must be purchased and installed after March 1, 2016;
4. Measures which customer has received an Incentive under a different Business or Residential energy efficiency Program are not eligible for this Standard Incentive Program;
5. Measures must be part of a Project having an installed TRC ratio greater than 1.0; and
6. Standard Measures must be installed as a retrofit in an existing facility;

By applying for the Standard Incentive Program, the customer agrees that the Project may be subject to random on-site inspections by the Program Administrator.

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NAME OF OFFICERPresident  
TITLE

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St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 202.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Standard Incentive Program (Cont'd.)****ELIGIBLE MEASURES AND INCENTIVES**

Standard Incentives filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered during the Program Period. These include, but are not limited to, the following equipment types:

1. HVAC (Heating, Ventilation, and Air-conditioning)
2. Lighting
3. Refrigeration
4. Cooking
5. Water Heating
6. Motors

Eligible Incentives directly paid to customers and Measures can be found at [AmerenMissouri.com](http://AmerenMissouri.com)

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MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 203

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Custom Incentive Program****PURPOSE**

The Custom Incentive Program will provide financial assistance to customers to support implementation of energy efficiency improvement opportunities which are available at the time of new equipment purchases, facility modernization, and industrial process improvement. A "Custom Incentive" is a direct payment or bill credit to a Participant for installation of Measures that are part of Projects that have been pre-approved by the Program Administrator.

The Custom Incentive Program will include a pilot of energy management system measures. The purpose of the pilot is to evaluate the impact to the commercial market for automated controls that monitor and optimize the use of energy. The pilot will be used to evaluate energy and demand savings, cost and customer uptake with associated incentives.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet Custom Incentive Program Provisions below.

The pilot for energy management system measures will be available to private/public k-12 schools & tax exempt organizations during the Program Period unless the Program cap is reached prior to March 2019.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Customers may apply for a Custom Incentive for Measures under consideration which:

1. Reduce energy consumption compared to the currently installed system or, in the case of a new system, the standard efficiency system currently available;
2. Have not yet been installed and for which purchase and/or installation commitments have not yet been made;
3. Have not received an Incentive for the measure under a different Business or Residential energy efficiency Program;
4. Are not one of the Measures eligible for an Incentive under the Standard Incentive Program; and
5. Are being installed in an existing facility.

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## UNION ELECTRIC COMPANY

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APPLYING TO MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18Custom Incentive Program (Cont'd.)PROGRAM PROVISIONS (Cont'd.)

Prior to purchasing and installing Measure(s), Applicant must submit a Custom Incentive Application form that provides data about the applicable facility and potential Measure(s). The Company or Program Administrator will perform a desk review of the Custom Incentive Application to determine eligibility, Measure Benefit Cost Test results, estimated energy savings and Custom Incentive amount for each Measure. The Program Administrator may perform a site visit to verify baseline conditions. If approved, the Program Administrator will reserve the Custom Incentive amount and notify the Participant of the Measure(s) approval.

Following installation of approved Custom Measures, the Participant will submit a Completion Certificate to the Program Administrator. The Completion Certificate will require supporting project documentation to include but not limited to: final Custom Measure costs, a completion date for each Custom Measure, specification sheets, and invoices for all Custom Measures. If necessary, the Custom Incentive amount will be recalculated. Every Custom Incentive Application for a Custom Incentive requires pre-approval by the Program Administrator and may be subject to on-site verification by the Program Administrator prior to payment of the Custom Incentive amount.

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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Retro-Commissioning Incentive Program****PURPOSE**

The Retro-Commissioning Program(Program) will capture energy and demand reductions from existing facilities by optimizing building system energy use and overall efficiency. Through this Program, the Company will provide energy assessment services and assistance in implementing identified solutions to customers to insure that their systems are operating at optimal energy efficiency.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section and that also meet the following Program Provisions. Participants in this Program will be those customers with a facility that has all of the following criteria:

1. At least one of the following conditions:
  - a. Higher than average electric energy intensities(kWh/ft<sup>2</sup>); or
  - b. Minimum of 100,000 ft<sup>2</sup> of conditioned space; or
  - c. Presence of an energy management system (EMS);
2. Mechanical equipment in relatively good condition; and
3. Will yield cost-effective energy savings according to a Retro-Commission Assessment Study

A "Retro-Commissioning Assessment Study" is a detailed analysis performed by Retro-Commissioning Providers on Projects passing the initial screening which is used to identify sub-optimal system operational performance and to identify corrections which will yield cost-effective energy savings.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets. Program benefits have been designed to provide cost effective Retro-Commissioning services to eligible facilities and include:

1. Recruitment and training of Retro-Commissioning providers,
2. Benchmarking of candidate facilities using ENERGY STAR® or other comparable procedures to identify facilities with Retro-Commissioning opportunities,
3. Access to a group of pre-qualified Retro-Commissioning Providers that can provide studies performed by trained auditors to identify cost effective building system optimization Measures,
4. Assisting building owners with contractor acquisition and management during the implementation process,

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MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18Retro-Commissioning Program (Cont'd.)PROGRAM PROVISIONS (Cont'd.)

5. Building owner staff training on Retro-Commissioning operations,
6. Verification of operating results, or
7. Ongoing monitoring of Retro-Commissioned building systems to promote persistence of improvements.

The Incentives provided through the Retro-Commissioning Program will be limited to those Measures which are determined to achieve energy efficiency improvements through the calibration, maintenance, and optimization of current systems.

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MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18New Construction Incentive ProgramPURPOSE

The New Construction Incentive Program will capture energy and demand reductions from new construction projects by interacting with building owners and designers during the design and/or construction process. The Program encourages building owners and designers to evaluate and install systems with higher energy efficiencies than the standard or planned systems through training, design incentives, and installation incentives.

DEFINITIONS APPLICABLE TO NEW CONSTRUCTION INCENTIVE PROGRAM ONLY

Baseline Building Design - The baseline building design will be established on a case-by-case basis, as the more stringent of either the ASHRAE Code 90.1-2001, the facility's original design, the local energy code, or any legal or contractual construction requirements. Baseline building design will be documented in the Technical Analysis Study (TAS).

Technical Analysis Study (TAS) - An energy savings estimate that clearly describes the energy efficiency/process improvement opportunity, with concise and well-documented presentations of the analysis method used to estimate energy savings, and the assumptions used to generate Project capital cost estimates. Each TAS will:

1. Describe the proposed facility (typically with a sketch or blueprint showing site layout or floor plan).
2. Describe the Baseline Building Design and provide its estimated electricity use and estimated annual Operations & Maintenance costs.
3. Describe the efficient equipment to be added along with key performance specifications.
4. Provide estimated electricity use for the efficient condition.
5. Provide the energy and demand savings calculations, together with the source of input parameter numbers and justification for each assumption made.
6. Provide the incremental cost to implement the Project.
7. Provide the estimated financial Incentive and estimated annual cost savings, together with the financial metric(s) requested by the customer (i.e., simple payback, Internal Rate of Return, Return on Investment).

Whole Building Area Method - An energy analysis methodology in which the design team examines the integration of all building components and systems and determines how they best work together to save energy and reduce environmental impact.

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## UNION ELECTRIC COMPANY

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SHEET NO. \_\_\_\_\_

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MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18New Construction Incentive Program (Cont'd.)AVAILABILITY

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the New Construction Program Provisions. Eligible facilities applications include new facilities built from the ground up, additions to existing facilities, or major renovation of existing facilities requiring significant mechanical and/or electrical equipment alteration.

PROGRAM PROVISIONS

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Program benefits are tailored to Projects based on their phase in the development process.

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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Small Business Direct Install Incentive Program****PURPOSE**

The Small Business Direct Install Incentive Program will provide installation of low-cost and/or no-cost energy-efficient measures to small business customers through a group of trade allies. Trade allies will deliver, install and complete paperwork for measures provided for in this program. The primary objective of the Small Business Direct Install Program is to remove participation barriers for small businesses through a simple and streamlined process. Trade allies will identify additional energy efficiency opportunities that may qualify for incentives under the Standard Incentive Program or Custom Incentive Program.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the 2M rate class that also meet the Small Business Direct Install Program Provisions, below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Small Business Direct Install Incentives for Measures will be provided to qualifying customers that provide completed Small Business Direct Install Applications as indicated below:

1. Customer must complete a Small Business Direct Install Incentive Application form, and;
2. Qualifying measures must be installed by a participating Small Business Direct Install trade ally after March 1, 2016, and;
3. Measures must be part of a Project having an installed TRC ratio greater than 1.0, and;
4. Measures must be installed as a retrofit in an existing facility.

By applying for the Small Business Direct Install Incentive Program, the customer agrees that the Project may be subject to random on-site inspections by the Program Administrator.

**ELIGIBLE MEASURES AND INCENTIVES**

Small Business Direct Install Incentives filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered during the Program Period. These include, but are not limited to, the following equipment types:

1. HVAC (Heating, Ventilation, and Air-conditioning)
2. Lighting
3. Refrigeration
4. Motors
5. Water Heating

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Information about the Small Business Direct Install Program can be found at  
[AmerenMissouri.com](http://AmerenMissouri.com)

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 211

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEETIA 2016-18****PURPOSE**

The purpose of the Residential Energy Efficiency Program, which consists of several programs, is to proactively impact residential customer energy use in such a way as to reduce consumption of electricity. With the exception of the Low Income program, the programs included in this tariff are cost effective having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Capitalized terms not otherwise defined in Tariff Sheet Nos. 211 through 217 have the following meanings:

**DSIM (Demand-Side Programs Investment Mechanism)**

A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2015-0055.

**Incentive**

Any consideration provided by the Company, through the Program Administrator and Program Partners, including buydowns, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of Measures.

**Measure**

An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

**Program Administrator**

The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

**Program Period** - The period from March 1, 2016 through February 28, 2019, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com).

**Program Partner**

A retailer, distributor or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company approved service agreement.

**Total Resource Cost (TRC) Test** - A test of the cost-effectiveness of demand-side programs that compares the avoided utility costs to the sum of all incremental costs of end-use measures that are implemented due to the program (including both Company and Participant contributions), plus utility costs to administer, deliver and evaluate each demand-side program.

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 211.1CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 211.1

APPLYING TO

MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****\*AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, residential energy efficiency programs are available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule. Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

**TERM**

This tariff and the tariffs reflecting each specific residential energy efficiency program shall be effective from March 1, 2016 through February 28, 2019, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or are accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com](http://AmerenMissouri.com) to determine the status of the programs. Programs may have slightly earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com).

If the programs are terminated prior to February 28, 2019 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

**DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

1. Lighting
2. Energy Efficient Products
3. HVAC
4. Home Energy Reports
5. Low Income
6. Energy Efficiency Kits
7. Home Energy Reports

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## UNION ELECTRIC COMPANY

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, residential energy efficiency programs are available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule. Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners.

Monetary incentives are not payable to a non-residential (non-1(M)) customer, such as a builder or building owner, participating in a residential energy efficiency program that has received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

Unless otherwise provided for in the tariff sheets governing a particular Program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

**TERM**

This tariff and the tariffs reflecting each specific residential energy efficiency program shall be effective from March 1, 2016 through February 28, 2019, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or are accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com](http://AmerenMissouri.com) to determine the status of the programs. Programs may have slightly earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com).

If the programs are terminated prior to February 28, 2019 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

**DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

1. Lighting
2. Energy Efficient Products
3. HVAC
4. Home Energy Reports
5. Low Income
6. Energy Efficiency Kits
7. Home Energy Reports

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**MISSOURI SERVICE AREA****RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****DESCRIPTION (Cont'd.)**

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, Measure ranges, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms, will be provided on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com), or by calling the Company's Customer Contact Center toll free 1-866-422-4605.

**CHANGE PROCESS**

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs.

1. Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
2. Discuss proposed change with implementer;
3. Discuss proposed change with evaluator;
4. Analyze impact on program and portfolio (Cost-effectiveness, goal achievement, etc.);
5. Inform the Staff, Office of the Public Counsel, and the Missouri Department of Economic Development - Division of Energy (DE) of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done, and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources are informed and provided the above-referenced analysis);
6. Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
7. Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
8. Make changes to forms and promotional materials;
9. Update program website;
10. File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2015-0055; and
11. Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

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## UNION ELECTRIC COMPANY

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MO.P.S.C. SCHEDULE NO. 61st Revised SHEET NO. 211.3CANCELLING MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 211.3APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****PROGRAM COSTS**

Costs of the Residential Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Residential Service Rate 1(M) rate schedule. All customers taking service under said rate schedule shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder unless they qualify for the low-income exemption as outlined in Rider EEIC 2016-18.

**PROGRAM DESCRIPTIONS**

The following pages contain descriptions and terms for the programs being offered under this tariff.

**\*CHANGES IN MEASURES OR INCENTIVES**

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in File No. EO-2015-0055. The offering of Measures not contained within Company's TRM must be approved by the Commission. Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [AmerenMissouri.com](http://AmerenMissouri.com). The Measures and Incentives being offered are subject to change - customers must consult [AmerenMissouri.com](http://AmerenMissouri.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in File No. EO-2015-0055, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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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. 6Original SHEET NO. 211.3

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****PROGRAM COSTS**

Costs of the Residential Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Residential Service Rate 1(M) rate schedule. All customers taking service under said rate schedule shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder unless they qualify for the low-income exemption as outlined in Rider EEIC 2016-18.

**PROGRAM DESCRIPTIONS**

The following pages contain descriptions and terms for the programs being offered under this tariff.

**CHANGES IN MEASURES OR INCENTIVES**

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in File No. EO-2015-0055. The offering of Measures not contained within Company's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [AmerenMissouri.com](http://AmerenMissouri.com). The Measures and Incentives being offered are subject to change - customers must consult [AmerenMissouri.com](http://AmerenMissouri.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in File No. EO-2015-0055, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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President

FILED

Missouri Public

St. Louis, Missouri

NAME OF OFFICER

TITLE

Service Commission  
EO-2015-0055; YE-2016-0198

ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 212

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Lighting Program****PURPOSE**

The Lighting Program is intended to reduce energy use in residential lighting by encouraging selection of ENERGY STAR®-qualified lighting products.

**AVAILABILITY**

The Lighting Program is available for the Program Period. Residential customers may participate in the Lighting Program by acquiring program ENERGY STAR® LED lighting products, ENERGY STAR® fixtures, and other emerging ENERGY STAR®-qualified lighting technologies from participating Program Partners through purchase or other approved distribution methods.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Lighting Program Administrator will provide Lighting Program services and Incentives to Program Partners for the purpose of increasing awareness, sales, and market share of residential ENERGY STAR®-qualified products promoted by the Lighting Program.

Lighting Program promotions will be made available at Program Partner locations within the Company's electric service territory. Participating Lighting Program Partners will be listed on the [AmerenMissouri.com](http://AmerenMissouri.com) website with store name and location listed as well as any in-store promotions being offered.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Lighting Products filed in File No. EO-2015-0055 and additional Lighting Products covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Lighting Products and Incentives paid directly to customers may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Energy Efficient Products Program****PURPOSE**

The purpose of the Energy Efficient Products Program is to raise customer awareness of the benefits of "high-efficiency" products (ENERGY STAR®, Consortium for Energy Efficiency (CEE) Tiers, or better). The Program is intended to reduce energy use by encouraging residential customers to purchase qualifying efficient products.

**AVAILABILITY**

The Energy Efficient Products Program is available for the Program Period. Residential customers may participate in the Program by acquiring program energy efficient products from participating Program Partners through on-line purchases or other approved distribution methods.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Energy Efficient Products Program incorporates various program partners, products, Incentive mechanisms and program delivery strategies. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

The Company and the Program Administrator will follow a multi-faceted approach to marketing highly efficient appliances and products with an emphasis on ENERGY STAR®. Company will leverage the CEE and others to identify efficiency tiers above ENERGY STAR® for additional offers.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Products Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Energy Efficient Products and Incentives paid directly to customers may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****HVAC Program****PURPOSE**

The purpose of the HVAC Program is to obtain energy and demand savings through improvement in the operating performance of new or existing residential central cooling systems.

**AVAILABILITY**

The HVAC Program is available for the Program Period, and Services under this Program are available to Customers on the Residential Service Rate 1(M).

**PROGRAM PROVISIONS**

The Residential HVAC program improves the efficiency of new and existing central air conditioning systems, including heat pumps, by installation of new equipment or improving the efficiency of legacy cooling systems within the home. The program may also promote installation of heat pump water heaters.

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy and demand savings targets. Company will provide Incentives to encourage sales of energy efficient products and for properly installed HVAC energy saving upgrades.

The program will employ the Program Administrator's preferred protocols to verify system eligibility for program Measures.

**ELIGIBLE MEASURES AND INCENTIVES**

HVAC related program Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives paid directly to customers may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Home Energy Reports Program****PURPOSE**

The purpose of the Home Energy Report Program is to obtain energy and demand savings by focusing on energy consumption behavior changes of participating customers. This is a behavior modification program.

**AVAILABILITY**

The Home Energy Reports Program is available for the Program Period, and Services under this Program are available to Customers on the Residential Service Rate 1(M). The Program Administrator will work with customer data to select approximately 250,000 program participants, Home Energy Reports will be mailed to targeted residential customers on an established frequency for the duration of the program. This program is an opt-out program, customers who do not wish to receive a report will be able to contact Ameren Missouri to be removed from participation. A statistically significant control group of customers will be used to aid in program evaluation and will not be able to participate in the program during the Program Period.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Additional program provisions may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

**ELIGIBLE MEASURES AND INCENTIVES**

The program focuses on energy consumption behavior changes that result in reduced electricity consumption. As such, the overall metric is reduced monthly/annual energy consumption. There are no specific energy efficiency measures associated with the program or corresponding incentives.

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ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 216CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 216

APPLYING TO

MISSOURI SERVICE AREARESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18Multi-Family Low Income ProgramPURPOSE

The objective of this program is to deliver long-term energy savings and bill reductions to low-income customers residing in multi-family low-income ("MFLI") properties. This will be achieved through education and a variety of directly installed energy saving measures and comprehensive retrofits.

\*AVAILABILITY

The Multi-Family Low Income Program is available for the Program Period to owners and operators of any multi-family properties of three (3) or more dwelling units with eligible customers receiving service under residential rate 1(M) or business rates 2(M), 3(M) or 4(M) meeting one of the following building eligibility requirements:

1. Reside in federally-subsidized housing units and fall within the federal program's income guidelines.
2. Reside in non-subsidized housing with income levels at or below 200% of federal poverty guidelines.

Where a property has a combination of qualifying tenants and non-qualifying tenants, at least 51% of the tenants must be eligible for the entire building to qualify. For income eligible multi-family properties with less than 51% qualifying tenants the building owner will be required to install comparable energy efficiency measures at their expense in all non-qualifying units. Upon verification and approval the program may upgrade the entire building, common areas and all of the remaining eligible units with qualified energy efficiency measures.

PROGRAM DESCRIPTION

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Program Administrator will provide direct installation of Program-specified Standard Measure energy efficiency Measures in income qualified dwelling units and for common areas, building shell and whole-building systems in qualified MFLI properties. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

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MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 216

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APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREARESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18Multi-Family Low Income ProgramPURPOSE

The objective of this program is to deliver long-term energy savings and bill reductions to low-income customers residing in multi-family low-income ("MFLI") properties. This will be achieved through education and a variety of directly installed energy saving measures and comprehensive retrofits.

AVAILABILITY

The Multi-Family Low Income Program is available for the Program Period to owners and operators of any multi-family properties of three (3) or more dwelling units with eligible customers receiving service under residential rate 1(M) or business rates 2(M), 3(M) or 4(M) meeting one of the following building eligibility requirements:

1. Reside in federally-subsidized housing units and fall within the federal program's income guidelines. State Low-income Housing Tax Credit receipts will be eligible only to the extent allowed under state law.
2. Reside in non-subsidized housing with income levels at or below 200% of federal poverty guidelines.

Where a property has a combination of qualifying tenants and non-qualifying tenants, at least 51% of the tenants must be eligible for the entire building to qualify. For income eligible multi-family properties with less than 51% qualifying tenants the building owner will be required to install comparable energy efficiency measures at their expense in all non-qualifying units. Upon verification and approval the program may upgrade the entire building, common areas and all of the remaining eligible units with qualified energy efficiency measures.

PROGRAM DESCRIPTION

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Program Administrator will provide direct installation of Program-specified Standard Measure energy efficiency Measures in income qualified dwelling units and for common areas, building shell and whole-building systems in qualified MFLI properties. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

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

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August 28, 2017  
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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 216.1

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SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Multi-Family Low Income Program (Cont'd.)****PROGRAM DESCRIPTION (Cont'd.)**

Incentives under this Program will be provided toward income qualified dwelling units, common areas, building shell and whole-building systems. The Program will provide a 25% bonus to the applicable Business Standard Incentive and Business Custom Incentive programs for MFLI whole building and common area measures. For buildings with no common areas, a 25% bonus for applicable residential incentives will apply. In addition, the MFLI program will make available the measures identified in the Small Business Direct Install (SBDI) Program to any participating MFLI building common areas at the same low cost or no cost. Customers may receive the greater of the incentives available through Business Standard Incentive or Business Custom Incentive programs with a 25% bonus added or the incentive available under SBDI for a common area(s). No incentives paid through the MFLI program will exceed the price of the measure itself.

Measures installed pursuant to the MFLI Program are not eligible for Incentives through any of the Company's other Energy Efficiency programs. However, market rate residences (i.e., units that are not income-eligible) are not excluded from participating in the Company's other Energy Efficiency programs.

**ELIGIBLE MEASURES AND INCENTIVES**

Low Income Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at

[AmerenMissouri.com](http://AmerenMissouri.com).

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President

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MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 217

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SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Energy Efficiency Kits Program****PURPOSE**

The objective of the Energy Efficiency Kits Program is to raise customer awareness of the benefits of "high-efficiency" products (Energy Star, Consortium for Energy Efficiency (CEE) Tiers, or better) and to educate residential customers about energy use in their homes and to offer information, products, and services to residential customers to save energy cost-effectively.

**AVAILABILITY**

The Energy Efficiency Kits Program is available for the Program Period to Residential customers and may be offered through various channels, such as direct mail, secondary education schools, community based organizations, and market-rate multifamily properties.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Energy Efficiency Kits Program incorporates various program partners, products, incentive mechanisms and program delivery strategies.

The Company and the Program Administrator will follow a multi-faceted approach to educate participants and effectuate installation of energy efficient products and actions addressed in the Energy Efficiency Kits. Company will leverage the CEE and others to identify efficiency tiers above ENERGY STAR® for additional products. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficiency Kits Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-005 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Customer information on the Energy Efficiency Kits Program may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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EO-2015-0055; YE-2021-0121

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MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 221CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 221APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21PURPOSE

The purpose of the Energy Efficiency Portfolio, which consists of several programs, is to proactively impact customer energy use and decrease peak demand in such a way as to reduce electric consumption and coincided peak demand. With the exception of low-income and education programs, the programs included in this tariff are expected to be cost effective, having a Total Resource Cost Test ratio of greater than 1.0.

DEFINITIONS

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 221 through 244.1 have the following meanings:

Applicant - A customer who has submitted a program application or has had a program application submitted on their behalf by an agent or Trade Ally.

Business Program - An energy efficiency program that is available to a customer receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Deemed Savings Table - A list of Measures derived from the Company's TRM that characterizes associated gross energy and demand savings with Company-specific measure parameters where available.

Demand-Side Programs Investment Mechanism (DSIM) - A mechanism approved by the Commission in the Company's filing for demand-side program approval in File No. EO-2018-0211.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, Trade Ally, and/or Program Partners which encourages the adoption of Measures, including in the form of cash, buydowns, markdowns, rebates, bill credits, payments to third parties, direct installation, donations or giveaways, and education.

\* Measure - An end-use measure, energy efficiency measure, and energy management measure as defined in 20 CSR 4240-22.020(18), (20), and (21).

MEEIA 2019-21 Demand-Side Management Plan - Company's "2019-21 MEEIA Energy Efficiency Plan" approved in File No. EO-2018-0211 as may be amended.

Participant - An energy-related decision maker who implements one or more end-use Measures as a direct result of a demand-side program.

Program Administrator - The Company or entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner - A retailer, distributor, or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

\*Indicates Change.

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SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****ENERGY EFFICIENCY MEEIA 2019-21****PURPOSE**

The purpose of the Energy Efficiency Portfolio, which consists of several programs, is to proactively impact customer energy use and decrease peak demand in such a way as to reduce electric consumption and coincided peak demand. With the exception of low-income and education programs, the programs included in this tariff are expected to be cost effective, having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 221 through 244.1 have the following meanings:

Applicant - A customer who has submitted a program application or has had a program application submitted on their behalf by an agent or Trade Ally.

Business Program - An energy efficiency program that is available to a customer receiving electric service under Service Classifications Small General Service Rate 2 (M), Large General Service Rate 3 (M), Small Primary Service Rate 4 (M), Large Primary Service Rate 11 (M), or Large Transmission Service Rate 12 (M).

Deemed Savings Table - A list of Measures derived from the Company's TRM that characterizes associated gross energy and demand savings with Company-specific measure parameters where available.

Demand-Side Programs Investment Mechanism (DSIM) - A mechanism approved by the Commission in the Company's filing for demand-side program approval in File No. EO-2018-0211.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, Trade Ally, and/or Program Partners which encourages the adoption of Measures, including in the form of cash, buydowns, markdowns, rebates, bill credits, payments to third parties, direct installation, donations or giveaways, and education.

Measure - An end-use measure, energy efficiency measure, and energy management measure as defined in 4 CSR 240-22.020(18), (20), and (21).

MEEIA 2019-21 Demand-Side Management Plan - Company's "2019-21 MEEIA Energy Efficiency Plan" approved in File No. EO-2018-0211 as may be amended.

Participant - An energy-related decision maker who implements one or more end-use Measures as a direct result of a demand-side program.

Program Administrator - The Company or entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner - A retailer, distributor, or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

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St. Louis, Missouri  
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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 221.1CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 221.1

APPLYING TO

MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)DEFINITIONS (Cont'd.)

\* Program Period - The period from March 1, 2019 through December 31, 2023, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency).

Program Provider - An entity that meets the criteria defined by a Program Administrator to provide specific program products and/or services.

Project - One or more Measures proposed by an Applicant in a single application.

Residential Program - Energy efficiency programs available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule and for multifamily properties identified under Residential Programs it will also include: Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M).

Technical Resource Manual (TRM) - A Company-specific compilation of Measures and associated characteristics with formulas used for calculating gross energy and demand savings using default inputs.

Trade Ally - An independent contractor that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

Measure Benefit/Cost (B/C) Test - Each non-prescriptive Project must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of each Measure over the useful life of each Measure divided by the incremental cost to implement the Project Measures. The benefits of the Measure include the Company's estimated avoided costs.

AVAILABILITY

Except as otherwise provided in the terms governing a particular program, programs are available uniformly to all customers qualifying for service under Service Classifications Residential Service Rate 1(M), Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M). Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners, Program Providers, or Trade Allies.

Unless otherwise provided for in the tariff sheets governing a particular program, customers may participate in multiple programs, but may receive only one Incentive per Measure.

Business Programs are not available to customers electing to opt-out of energy efficiency program funding under 20 CSR 4240-20.094(7).

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 221.1CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 221.1

APPLYING TO

MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)DEFINITIONS (Cont'd.)

\* Program Period - The period from March 1, 2019 through December 31, 2022, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency).

Program Provider - An entity that meets the criteria defined by a Program Administrator to provide specific program products and/or services.

Project - One or more Measures proposed by an Applicant in a single application.

Residential Program - Energy efficiency programs available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule and for multifamily properties identified under Residential Programs it will also include: Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M).

Technical Resource Manual (TRM) - A Company-specific compilation of Measures and associated characteristics with formulas used for calculating gross energy and demand savings using default inputs.

Trade Ally - An independent contractor that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

Measure Benefit/Cost (B/C) Test - Each non-prescriptive Project must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of each Measure over the useful life of each Measure divided by the incremental cost to implement the Project Measures. The benefits of the Measure include the Company's estimated avoided costs.

AVAILABILITY

Except as otherwise provided in the terms governing a particular program, programs are available uniformly to all customers qualifying for service under Service Classifications Residential Service Rate 1(M), Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M). Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners, Program Providers, or Trade Allies.

Unless otherwise provided for in the tariff sheets governing a particular program, customers may participate in multiple programs, but may receive only one Incentive per Measure.

**CANCELLED**  
December 19, 2021\* Business Programs are not available to customers electing to opt-out of energy efficiency program funding under 20 CSR 4240-20.094(7).  
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Service Commission

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 221.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)DEFINITIONS (Cont'd.)

Program Period - The period from March 1, 2019 through December 31, 2021, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency).

Program Provider - An entity that meets the criteria defined by a Program Administrator to provide specific program products and/or services.

Project - One or more Measures proposed by an Applicant in a single application.

Residential Program - Energy efficiency programs available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule and for multifamily properties identified under Residential Programs it will also include: Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M).

Technical Resource Manual (TRM) - A Company-specific compilation of Measures and associated characteristics with formulas used for calculating gross energy and demand savings using default inputs.

Trade Ally - An independent contractor that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

Measure Benefit/Cost (B/C) Test - Each non-prescriptive Project must pass the B/C Test by having a value of 1.0 or greater. B/C Test value equals the present value of the benefits of each Measure over the useful life of each Measure divided by the incremental cost to implement the Project Measures. The benefits of the Measure include the Company's estimated avoided costs.

AVAILABILITY

Except as otherwise provided in the terms governing a particular program, programs are available uniformly to all customers qualifying for service under Service Classifications Residential Service Rate 1(M), Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M). Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners, Program Providers, or Trade Allies.

Unless otherwise provided for in the tariff sheets governing a particular program, customers may participate in multiple programs, but may receive only one Incentive per Measure.

Business Programs are not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(7).

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MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 221.2CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 221.2APPLYING TO MISSOURI SERVICE AREA**ENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)****AVAILABILITY (Cont'd.)**

A customer may elect not to participate (opt-out) in the Company's demand-side management Business Programs under 20 CSR 4240-20.094(7) if they:

1. Have at least one account with a demand of 5,000 kW in the previous 12 months with the Company;
2. Operate an interstate pipeline pumping station; or
3. Have one or more accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with the Company and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the Company-provided demand-side programs.

A customer electing not to participate (opt-out) must provide written notice to the Company no earlier than September 1 and not later than October 30 to be effective for the following calendar year, but shall still be allowed to participate in interruptible or curtailable rate schedules or tariffs offered by the Company. None of the Business Programs are considered to be an interruptible or curtailable rate schedule. Upon election by a customer to opt-out, either under this or earlier MEEIA programs, that designation will continue for 10 years, beginning with the calendar year subsequent to the submission of the opt-out unless the Company is notified the customer wishes to revoke its opt-out status.

**\* TERM**

This tariff (Sheet Nos. 221-221.5) and the tariffs reflecting each specific energy efficiency program (Sheet Nos. 222-245.4) shall be effective through December 31, 2023, except as noted in the individual program sheets and except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully implemented in all geographic locations on the tariff effective date. Consult [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency).

If the programs are terminated prior to December 31, 2023 under this provision, only Incentives for qualifying Measures that meet either of the following criteria prior to the termination date will be valid: (a) customer has returned a signed commitment Incentive offer and it has been accepted by the Program Administrator; or (b) the customer provides affirmation that requirements for participation have been met.

\*Indicates Change.

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 221.2CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 221.2APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)AVAILABILITY (Cont'd.)

\* A customer may elect not to participate (opt-out) in the Company's demand-side management Business Programs under 20 CSR 4240-20.094(7) if they:

1. Have at least one account with a demand of 5,000 kW in the previous 12 months with the Company;
2. Operate an interstate pipeline pumping station; or
3. Have one or more accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with the Company and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the Company-provided demand-side programs.

A customer electing not to participate (opt-out) must provide written notice to the Company no earlier than September 1 and not later than October 30 to be effective for the following calendar year, but shall still be allowed to participate in interruptible or curtailable rate schedules or tariffs offered by the Company. None of the Business Programs are considered to be an interruptible or curtailable rate schedule. Upon election by a customer to opt-out, either under this or earlier MEEIA programs, that designation will continue for 10 years, beginning with the calendar year subsequent to the submission of the opt-out unless the Company is notified the customer wishes to revoke its opt-out status.

\* TERM

This tariff (Sheet Nos. 221-221.5) and the tariffs reflecting each specific energy efficiency program (Sheet Nos. 222-245.4) shall be effective through December 31, 2022, except as noted in the individual program sheets and except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully implemented in all geographic locations on the tariff effective date. Consult [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency).

If the programs are terminated prior to December 31, 2022 under this provision, only Incentives for qualifying Measures that meet either of the following criteria prior to the termination date will be valid: (a) customer has returned a signed commitment Incentive offer and it has been accepted by the Program Administrator; or (b) the customer provides affirmation that requirements for participation have been met.

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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 221.2

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)AVAILABILITY (Cont'd.)

A customer may elect not to participate (opt-out) in the Company's demand-side management Business Programs under 4 CSR 240-20.094(7) if they:

1. Have at least one account with a demand of 5,000 kW in the previous 12 months with the Company;
2. Operate an interstate pipeline pumping station; or
3. Have one or more accounts with aggregate coincident demand of 2,500 kW in the previous 12 months with the Company and have a comprehensive demand-side or energy efficiency program with achieved savings at least equal to those expected from the Company-provided demand-side programs.

A customer electing not to participate (opt-out) must provide written notice to the Company no earlier than September 1 and not later than October 30 to be effective for the following calendar year, but shall still be allowed to participate in interruptible or curtailable rate schedules or tariffs offered by the Company. None of the Business Programs are considered to be an interruptible or curtailable rate schedule. Upon election by a customer to opt-out, either under this or earlier MEEIA programs, that designation will continue for 10 years, beginning with the calendar year subsequent to the submission of the opt-out unless the Company is notified the customer wishes to revoke its opt-out status.

TERM

This tariff (Sheet Nos. 221-221.5) and the tariffs reflecting each specific energy efficiency program (Sheet Nos. 222-244.1) shall be effective from March 1, 2019 through December 31, 2021, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully implemented in all geographic locations on the tariff effective date. Consult [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com/EnergyEfficiency](http://AmerenMissouri.com/EnergyEfficiency).

If the programs are terminated prior to December 31, 2021 under this provision, only Incentives for qualifying Measures that meet either of the following criteria prior to the termination date will be valid: (a) customer has returned a signed commitment Incentive offer and it has been accepted by the Program Administrator; or (b) the customer provides affirmation that requirements for participation have been met.

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SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)CHANGE PROCESS

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the programs.

1. Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the programs;
2. Discuss proposed change with implementer;
3. Discuss proposed change with evaluator;
4. Analyze impact on program and portfolio (cost effectiveness, goal achievement, etc.);
5. Inform the Staff, Office of the Public Counsel, and the Missouri Department of Economic Development - Division of Energy (DE) of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public Counsel, and the DE are informed and provided the above-referenced analysis);
6. Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
7. Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Customer Relationship Managers, Customer Service Advisors) of the changes;
8. Make changes to forms and promotional materials;
9. Update program website;
10. File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2018-0211; and
11. Inform Participants, Program Providers, Program Partners, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

PROGRAM COSTS

Costs of the Business Programs and Residential Programs contained herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Residential Service Rate 1(M), Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), and Large Transmission Service Rate 12(M) rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless the customer is an eligible business which has opted-out as provided for previously or it is a residential customer who qualifies for the low-income exemption as outlined in Rider EEIC 2019-21.

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**ENERGY EFFICIENCY MEEIA 2019-21****Business Standard Incentive Program****PURPOSE**

The Standard Incentive Program (Program) will provide pre-set Incentives for energy efficient products that are readily available in the marketplace. Standard Incentives will be fixed per each Measure unit. The primary objective of the Standard Incentive Program is to provide an expedited, simple solution for customers interested in purchasing efficient technologies that will produce verifiable energy savings.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M) that also meet the Standard Incentive Program Provisions below.

**PROGRAM PROVISIONS**

The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Standard Incentives for Measures will be provided to qualifying customers that provide completed Standard Incentive Applications or validation qualification through a wholesale outlet as indicated below:

1. Customer must complete a Standard Incentive Application form, available at [www.ameren.com/missouri/energy-efficiency/business/program-overview](http://www.ameren.com/missouri/energy-efficiency/business/program-overview); or where applicable, complete validation qualification with wholesale Program Provider;
2. Customer must provide proof of equipment purchase and installation date;
3. Measures must be purchased and installed after March 1, 2019;
4. Measures for which customer has received an Incentive under a different Business Program or Residential Program are not eligible for this Standard Incentive Program;
5. Measures must be part of a Project having an installed TRC ratio greater than 1.0; and
6. Standard Measures must be installed as a retrofit in an existing facility.

By applying for the Standard Incentive Program, the customer agrees that the Project may be subject to random on-site inspections by the Program Administrator.

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ENERGY EFFICIENCY MEEIA 2019-21Business Custom Incentive ProgramPURPOSE

The Custom Incentive Program (Program) will provide financial assistance to customers to support implementation of energy efficiency improvement opportunities which are available at the time of equipment replacement, facility modernization, and industrial process improvement. A "Custom Incentive" is a direct payment or bill credit to a Participant for installation of Measures that are part of Projects that have been pre-approved by the Program Administrator.

AVAILABILITY

This Program is available during the Program Period, and is voluntary and available to all customers receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M) that also meet Custom Incentive Program Provisions below.

PROGRAM PROVISIONS

The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets. Customers may apply for a Custom Incentive for Measures under consideration which:

1. Reduce energy consumption compared to the currently installed system, or when there is not an existing system, the standard efficiency system currently available in the market;
2. Have not yet been installed and for which purchase and/or installation commitments have not yet been made;
3. Have not received an Incentive for the Measure under a different Business Program or Residential Program;
4. Are not one of the Measures eligible for an Incentive under the Standard Incentive Program; and
5. Are being installed in an existing facility.

Prior to purchasing and installing Measure(s), Applicant must submit a Custom Incentive Application form that provides data about the applicable facility and potential Measure(s). The Program Administrator will perform a desk review of the Custom Incentive Application to determine eligibility, Measure Benefit/Cost Test results, estimated energy savings and Custom Incentive amount for each Measure. The Program Administrator may perform a site visit to verify baseline conditions. If approved, the Program Administrator will submit an Incentive commitment offer to customer. Upon receipt of a customer-signed Incentive commitment, the Custom Incentive amount will be reserved.

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ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

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**MISSOURI SERVICE AREA****ENERGY EFFICIENCY MEEIA 2019-21 (Cont'd.)****Business New Construction Incentive Program (Cont'd.)****AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M) that also meet the New Construction Program Provisions. Eligible facilities' applications include new facilities built from the ground up, additions to existing facilities, or major renovation of existing facilities requiring significant mechanical and/or electrical equipment alteration.

**PROGRAM PROVISIONS**

The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets. Program benefits are tailored to Projects based on their phase in the development process.

TAS and the Whole Building Area Method may be used to determine Project energy savings.

**ELIGIBLE MEASURES AND INCENTIVES**

Additional Program details, eligible Measures and Incentives may be found at [www.ameren.com/missouri/energy-efficiency/business/program-overview](http://www.ameren.com/missouri/energy-efficiency/business/program-overview).

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APPLYING TO MISSOURI SERVICE AREA**ENERGY EFFICIENCY MEEIA 2019-21****Business Social Services Program****PURPOSE**

The objective of the Social Services Program (Program) is to deliver long-term energy savings and bill reductions to social service business customers. This will be achieved through a variety of prescriptive measures and comprehensive retrofits.

**DEFINITIONS APPLICABLE TO BUSINESS SOCIAL SERVICES PROGRAM ONLY**

Social Services - Nonprofit tax exempt business customer that provides social services to the low-income public, such as food banks, food pantries, soup kitchens, homeless shelters, employment services, worker training, job banks, and childcare.

**AVAILABILITY**

This Program is available during the Program Period. The Program is voluntary and available to Social Services' facilities receiving electric service under Company's Small General Service Rate 2(M) or Large General Service Rate 3(M) classifications where the facility as a whole, or a dedicated part of a facility, is primarily used to provide Social Services. Measures will be available to the portion of the facility primarily used to provide Social Services.

**PROGRAM PROVISIONS**

The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain energy savings.

Customer must certify that all or part of the specific facility for which the Measures and/or retrofits are targeted is primarily utilized for Social Services. Measures for which customer has received an Incentive under a different Business Program or Residential Program are not eligible for this Social Services Program;

**ELIGIBLE MEASURES AND INCENTIVES**

Social Services Incentives filed in File No. EO-2018-0211 and additional Measures covered by the TRM are eligible for Program benefits and Incentives and may be offered during the Program Period. These may include, but are not limited to, the following equipment types:

1. HVAC (Heating, Ventilation, and Air-conditioning)
2. Lighting
3. Refrigeration
4. Cooking
5. Water Heating
6. Motors
7. Controls

Additional Program details and Incentives may be found at  
[www.ameren.com/missouri/energy-efficiency/business/program-overview](http://www.ameren.com/missouri/energy-efficiency/business/program-overview).

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APPLYING TO MISSOURI SERVICE AREA**ENERGY EFFICIENCY MEEIA 2019-21****Residential Lighting Program****PURPOSE**

The Lighting Program (Program) is intended to reduce energy use in residential lighting by encouraging selection of ENERGY STAR®-qualified lighting products.

**AVAILABILITY**

The Lighting Program is available for the Program Period. Residential customers may participate in the Lighting Program by acquiring program ENERGY STAR® LED lighting products, ENERGY STAR® fixtures, and other emerging ENERGY STAR®-qualified lighting technologies from participating Program Partners through purchase or other approved distribution methods.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets. The Lighting Program Administrator will provide Lighting Program services and Incentives to Program Partners for the purpose of increasing awareness, sales, and market share of residential ENERGY STAR®-qualified products promoted by the Lighting Program.

Lighting Program promotions will be made available on-line and at Program Partner locations and distribution channels within the Company's electric service territory. Participating Lighting Program Partners will be listed on the [AmerenMissouri.com/lighting](http://AmerenMissouri.com/lighting) website with store name and location listed, as well as any in-store promotions being offered.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Lighting Products filed in File No. EO-2018-0211 and additional Lighting Products covered by the TRM are eligible for Program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Lighting Products and Incentives paid directly to customers may be found at [AmerenMissouri.com/lighting](http://AmerenMissouri.com/lighting).

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MISSOURI SERVICE AREA

ENERGY EFFICIENCY MEEIA 2019-21Residential Home Energy Reports ProgramPURPOSE

The purpose of the Home Energy Reports Program (Program) is to obtain energy and demand savings by focusing on energy consumption behavior changes of participating customers. This is a behavior modification program.

AVAILABILITY

The Home Energy Reports Program is available for the Program Period. Services under this Program are available to Customers on the Residential Service Rate 1(M). The Program Administrator will work with customer data to select Program Participants. Home Energy Reports will be mailed and/or emailed to targeted residential customers on an established frequency for the duration of the Program. Customers who do not wish to receive a report will be able to contact Ameren Missouri to be removed from participation.

PROGRAM PROVISIONS

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets.

ELIGIBLE MEASURES AND INCENTIVES

The Program focuses on energy consumption behavior changes that result in reduced electricity consumption. As such, the overall metric is reduced monthly/annual energy consumption. There are no specific energy efficiency Measures associated with the Program. However, there may be rewards associated with behavior changes that lead to reduced energy consumption. Additional Program details may be found at [AmerenMissouri.com/myreport](http://AmerenMissouri.com/myreport).

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St. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 239

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**ENERGY EFFICIENCY MEEIA 2019-21****Residential Energy Efficiency Kits Program****PURPOSE**

The objective of the Energy Efficiency Kits Program (Program) is to raise customer awareness of the benefits of "high-efficiency" products (ENERGY STAR®, Consortium for Energy Efficiency (CEE) Tiers, or better) and to educate residential customers about energy use in their homes and to offer information, products, and services to residential customers to save energy cost-effectively.

**AVAILABILITY**

The Energy Efficiency Kits Program is available for the Program Period to Residential customers and may be offered through various channels, such as direct mail, secondary education schools, and community based organizations.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and strive to attain the energy savings targets. The Energy Efficiency Kits Program incorporates various Program Partners, products, incentive mechanisms, and program delivery strategies.

The Company and the Program Administrator will follow a multi-faceted approach to educate Participants and effectuate installation of energy efficient products and actions addressed in the Energy Efficiency Kits. Company will leverage the CEE and others to identify efficiency tiers above ENERGY STAR for additional products. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficiency Kits Measures filed in File No. EO-2018-0211 and additional Measures covered by the TRM approved are eligible for Program benefits and Incentives and may be offered for promotion during the Program Period. Additional Program details may be found at [AmerenMissouri.com/education](http://AmerenMissouri.com/education).

CANCELLED  
December 18, 2020  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE December 21, 2018DATE EFFECTIVE January 20, 2019ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLEFILED  
Missouri Public St. Louis, Missouri  
Service Commission  
EO-2018-0211; YE-2019-0133  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 240

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**ENERGY EFFICIENCY MEEIA 2019-21****Residential Appliance Recycling Program****PURPOSE**

The Appliance Recycling Program (Program) is a voluntary program designed to encourage the retirement of inefficient, working refrigerators, freezers and appliances by providing an Incentive to take the units out of homes and recycle them in an environmentally safe manner.

**AVAILABILITY**

The Program is available during the Program Period. All Company customers receiving service under the Residential Service Rate 1(M) are eligible for this Program.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and strive to attain the energy savings targets. The following general process will be followed to serve Participants in the Program:

- Participants contact the Program toll-free or online at [AmerenMissouri.com/fridge](http://AmerenMissouri.com/fridge) to schedule the appliance pick up.
- At the Participant's address the Program Partner team verifies the unit is operational, it meets program guidelines, and removes it from the home.
- The unit is taken to the Program Partner facility and all materials are recovered for recycling or disposed of in accordance with Environmental Protection Agency (EPA)-approved practices.
- Incentives are sent to Participants following the pick-up appointment.

**ELIGIBLE MEASURES AND INCENTIVES**

Recycling related Measures covered by the TRM are eligible for Program benefits and Incentives and may be offered for promotion during the Program Period. Additional Program details and Incentives paid directly to customers may be found at [AmerenMissouri.com/fridge](http://AmerenMissouri.com/fridge).

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December 18, 2020  
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Service Commission  
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DATE OF ISSUE December 21, 2018DATE EFFECTIVE January 20, 2019ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLE

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Missouri Public St. Louis, Missouri  
Service Commission  
EO-2018-0211; YE-2019-0133

ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 242

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREA**ENERGY EFFICIENCY MEEIA 2019-21****Residential Single Family Low-Income Program****PURPOSE**

The objective of the Single Family Low-Income Program (Program) is to deliver long-term energy savings and bill reductions to residential single family low-income customers. This will be achieved through a variety of channels to educate customers about energy use in their homes and to offer information, products and services to residential customers to save energy wisely. This allows the customer to identify and initiate the process of installing long-term energy efficiency upgrades and practices.

**AVAILABILITY**

The Program is available for the Program Period to:

1. Qualifying single family low-income customers receiving service under the Residential Service Rate 1(M) residing in single family detached housing, duplexes, and mobile homes (wood-frame bolted to steel chassis, designed to be transported); or
2. Organizations who perform qualified installations or distributions to homes of qualified low-income residential end users may participate in this Program by making application for a low-income efficiency housing grant.

In order to qualify for participation, low-income Participants must meet one of the following income eligibility requirements:

1. Participation in federal, state, or local subsidized housing program.
2. Proof of resident income levels at or below 80% of area median income (AMI) or 200% of federal poverty level.
3. Fall within a census tract included on Company's list of eligible low-income census tracts.

**PROGRAM DESCRIPTION**

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets. The Program Administrator will provide one-on-one energy education and install a comprehensive package of whole house energy saving Measures at no or low cost to customer. Incentives under this Program will be provided toward individually metered homes in neighborhoods served and selected by Company or approved low-income efficiency housing grant organizations. In some instances, an individual home may be referred to the Program by a qualified low-income assistance agency. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies. Participants in selected low-income neighborhoods are limited to the one-time receipt of energy efficiency Measures under this Program. Measures installed pursuant to the Program (excluding Low-Income Efficiency Housing grants) are not eligible for Incentives through any of the Company's other energy efficiency or demand response programs.

CANCELLED  
March 8, 2020  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2020-0136

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NAME OF OFFICERPresident  
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Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133St. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 244

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21Education ProgramsPURPOSE

The purpose of Education Programs is to raise customer awareness of the benefits of energy efficiency and conservation, and Ameren Missouri's energy efficiency programs.

AVAILABILITY

Education Programs are available for all or a portion of the Program Period, and may be offered to either commercial or residential customers based on the specified delivery channel(s). Education Programs will be available to a target set of customers and include, but are not limited to, the following:

**Science, Technology, Engineering, and Mathematics (STEM) Education** - Curriculum for high school students focused on aspects of energy generation and delivery with particular emphasis on consumption and energy efficient equipment and behaviors.

**Home Building Code Compliance** - Education provided to builders, sub-contractors, designers, and others in the home building industry that are focused on high-energy impact measures that are commonly missed in residential code compliance.

**Workplace Employee Education** - Designed to educate residential customers at their workplace on energy use, tactics to reduce energy consumption and to promote long-term energy savings.

**Smart Home Energy Management** - Educates residential customers about Smart Home Energy Management products and availability, to advance and increase adoption of those technologies.

**Real Estate Audits** - Designed to use real estate institutions as a channel to encourage the use of home energy audits to improve home performance prior to the purchase of a new home.

**Building Operator Certification (BOC)** - BOC is a nationally-recognized, competency-based training and certification program for operations and maintenance staff working in commercial, institutional, or industrial buildings. BOC achieves measurable energy savings in the operation of public facilities and commercial buildings by training individuals directly responsible for day-to-day operations.

PROGRAM PROVISIONS

The Program Administrator will provide the necessary services to deliver education through targeted channels. Education programs incorporate various Program Partners and delivery strategies. Additional program details may be found at [AmerenMissouri.com/energyefficiencyeducation](http://AmerenMissouri.com/energyefficiencyeducation).

The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

CANCELLED  
December 18, 2020  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE December 21, 2018DATE EFFECTIVE January 20, 2019ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLE

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Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133

St. Louis, Missouri  
ADDRESS

ENERGY EFFICIENCY MEEIA 2019-21Residential Pay As You Save® ProgramPURPOSE

The objective of the Pay As You Save® Program (Program) is to promote the installation of energy efficient Measures and increase deeper, long-term energy savings and bill reduction opportunities for Participants through a tariffed on bill charge tied to the meter for delivery of MEEIA 2019-21 Demand-Side Management Plan Measures.

DEFINITIONS APPLICABLE TO RESIDENTIAL PAY AS YOU SAVE® PROGRAM ONLY

Analysis - Initial Program visit, walk through and report, Tier 1 upgrades, and customer education.

Assessment - Detailed home performance data collection, analysis of qualifying upgrades, and preparation and one-on-one presentation of Program offer.

Efficiency Upgrade Agreement - Agreement signed by Participants (who own the property) defining customer benefits and obligations, including Service Charges and duration of payments.

Energy Efficiency Plan (Plan) - Prepared by Program Administrator to identify recommended upgrades.

Estimated Life - The expected duration in years of the savings for each individual measure.

Property Notice - Attached by the Program to property records outlining benefits and obligations associated with the upgrades. In jurisdictions in which the Program cannot attach a Property Notice to property records, and in any case where a subsequent tenant is executing a rental agreement, Property Notice form must be signed by successor customer or purchaser indicating they accept benefits and obligations associated with the upgrades at the location before the sale or rental of the property.

Owners Agreement - A separate required document indicating the owner's obligations (if Participant is not the building owner).

Project - Scope of work determined by the Program based on home characteristics, program data collection, and analysis.

Qualifying Project - Project scope of work meeting Program criteria (Project cost, including Program Partner pricing and Program fees, is equal to or less than 80% of the estimated post upgrade cost savings over 80% of the upgrade Estimated Life).

- \* Service Charge - Monthly charge assigned to the premises recovering Program costs for upgrades, fees, any required taxes, cost of capital for financing of three percent (3%), or costs for customer-caused repairs as described in section 5.

CANCELLED  
April 20, 2022  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0240

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0074

DATE OF ISSUE October 13, 2021

DATE EFFECTIVE November 12, 2021

ISSUED BY Martin J. Lyons  
NAME OF OFFICER

Chairman & President  
TITLE

St. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 245CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 245APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21

\*

Residential Pay As You Save® ProgramPURPOSE

The objective of the Pay As You Save® Program (Program) is to promote the installation of energy efficient Measures and increase deeper, long-term energy savings and bill reduction opportunities for Participants through a tariffed on bill charge tied to the meter for delivery of MEEIA 2019-21 Demand-Side Management Plan Measures.

DEFINITIONS APPLICABLE TO RESIDENTIAL PAY AS YOU SAVE® PROGRAM ONLY

Analysis - Initial Program visit, walk through and report, Tier 1 upgrades, and customer education.

Assessment - Detailed home performance data collection, analysis of qualifying upgrades, and preparation and one-on-one presentation of Program offer.

Efficiency Upgrade Agreement - Agreement signed by Participants (who own the property) defining customer benefits and obligations, including Service Charges and duration of payments.

Energy Efficiency Plan (Plan) - Prepared by Program Administrator to identify recommended upgrades.

Estimated Life - The expected duration in years of the savings for each individual measure.

Property Notice - Attached by the Program to property records outlining benefits and obligations associated with the upgrades. In jurisdictions in which the Program cannot attach a Property Notice to property records, and in any case where a subsequent tenant is executing a rental agreement, Property Notice form must be signed by successor customer or purchaser indicating they accept benefits and obligations associated with the upgrades at the location before the sale or rental of the property.

Owners Agreement - A separate required document indicating the owner's obligations (if Participant is not the building owner).

Project - Scope of work determined by the Program based on home characteristics, program data collection, and analysis.

Qualifying Project - Project scope of work meeting Program criteria (Project cost, including Program Partner pricing and Program fees, is equal to or less than 80% of the estimated post upgrade cost savings over 80% of the upgrade Estimated Life).

Service Charge - Monthly charge assigned to the premises recovering Program costs for upgrades, fees, any required taxes, cost of capital for financing of four percent (4%), or costs for customer-caused repairs as described in section 5.

CANCELLED  
November 12, 2021  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0074

\*Indicates Addition.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE	<u>November 18, 2020</u>	DATE EFFECTIVE	<u>December 18, 2020</u>
ISSUED BY	<u>Martin J. Lyons</u>	<u>Chairman &amp; President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

Original SHEET NO. 245

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

SHEET NO.

APPLYING TO MISSOURI SERVICE AREA

THIS SHEET RESERVED FOR FUTURE USE

CANCELLED  
December 18, 2020  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE December 21, 2018 DATE EFFECTIVE January 20, 2019

ISSUED BY Michael Moehn President St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS  
FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133

MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 245.1CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 245.1

APPLYING TO

MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21Residential Pay As You Save® Program (Cont'd.)AVAILABILITY

The Program is available to qualifying customers receiving service under the Residential Service Rate 1(M) up to the financed amounts and for the portion of the Program Period described in the Unanimous Stipulation and Agreement Regarding The Implementation Certain MEEIA Programs Through Plan Year 2022 and the Non-Unanimous Stipulation And Agreement Regarding The Implementation Certain Meeia Programs Through Plan Year 2023 And Motion For Expedited Treatment approved by the Commission in EO-2018-0211.

In order to qualify as a Participant, customers must either own the building or the building owner must sign an Owner Agreement agreeing to not remove or damage the upgrades, to maintain them, and to provide Property Notice of the benefits and obligations associated with the upgrades at the location to the next owner or customer before the sale or rental of the property.

Projects that address upgrades to existing buildings deemed unlikely to be habitable or to serve their intended purpose for the duration of Company's cost recovery will not be approved unless repairs are made by the building owner that will extend the life through the Company's cost recovery period. If a building is a manufactured home, it must be built on a permanent foundation and fabricated after 1982 to be eligible.

\* PROGRAM DESCRIPTION

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program.

1. Participation: To become a Participant in the Program, a customer must: 1) request from the Company an analysis of qualifying upgrades, 2) agree to the terms of the Analysis fee as described in section 3, and 3) sign the Efficiency Upgrade Agreement and implement any Qualifying Project that does not require an upfront payment from the Participant as described in section 2(d).
  - a. The owner must agree to have a Property Notice attached to their property records through either i) Owners Agreement if the Participant is not the owner or ii) as part of the Efficiency Upgrade Agreement if the Participant is the owner.
  - b. Failure to obtain the signature on the Property Notice form, of a successor customer who is renting the premises or a purchaser, in jurisdictions in which the Company cannot attach the Property Notice to the property records, indicating that the successor customer received Property Notice will constitute the owner's acceptance of consequential damages and permission for a tenant or purchaser to break their lease or sales agreement without penalty.

\*Indicates Change.

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Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0240

DATE OF ISSUE March 21, 2022DATE EFFECTIVE April 20, 2022ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 245.1CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 245.1

APPLYING TO

MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21Residential Pay As You Save® Program (Cont'd.)AVAILABILITY

- \* The Program is available to qualifying customers receiving service under the Residential Service Rate 1(M) up to the financed amounts and for the portion of the Program Period described in the Unanimous Stipulation and Agreement Regarding The Implementation Certain MEEIA Programs Through Plan Year 2022 and the Non-Unanimous Stipulation And Agreement Regarding The Implementation Certain Meeia Programs Through Plan Year 2023 And Motion For Expedited Treatment approved by the Commission in EO-2018-0211.

In order to qualify as a Participant, customers must either own the building or the building owner must sign an Owner Agreement agreeing to not remove or damage the upgrades, to maintain them, and to provide Property Notice of the benefits and obligations associated with the upgrades at the location to the next owner or customer before the sale or rental of the property.

Projects that address upgrades to existing buildings deemed unlikely to be habitable or to serve their intended purpose for the duration of Company's cost recovery will not be approved unless repairs are made by the building owner that will extend the life through the Company's cost recovery period. If a building is a manufactured home, it must be built on a permanent foundation and fabricated after 1982 to be eligible.

PROGRAM DESCRIPTION

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program.

1. Participation: To become a Participant in the Program, a customer must: 1) request from the Company an analysis of qualifying upgrades, 2) agree to the terms of the Analysis fee as described in section 3, and 3) sign the Efficiency Upgrade Agreement and implement any Qualifying Project that does not require an upfront payment from the Participant as described in section 2(c).
  - a. The owner must agree to have a Property Notice attached to their property records through either i) Owners Agreement if the Participant is not the owner or ii) as part of the Efficiency Upgrade Agreement if the Participant is the owner.
  - b. Failure to obtain the signature on the Property Notice form, of a successor customer who is renting the premises or a purchaser, in jurisdictions in which the Company cannot attach the Property Notice to the property records, indicating that the successor customer received Property Notice will constitute the owner's acceptance of consequential damages and permission for a tenant or purchaser to break their lease or sales agreement without penalty.
  - c. The customer authorizes the use of energy usage history by the Program Administrator in order to true up its energy analysis and determine qualifying recommendations.

\*Indicates Change.

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April 20, 2022  
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NAME OF OFFICERChairman & President

TITLE

St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 245.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21Residential Pay As You Save® Program (Cont'd.)AVAILABILITY

The Program is available to qualifying customers receiving service under the Residential Service Rate 1(M) up to the financed amounts and for the portion of the Program Period described in the Unanimous Stipulation and Agreement Regarding The Implementation Certain MEEIA Programs Through Plan Year 2022 approved by the Commission in EO-2018-0211.

In order to qualify as a Participant, customers must either own the building or the building owner must sign an Owner Agreement agreeing to not remove or damage the upgrades, to maintain them, and to provide Property Notice of the benefits and obligations associated with the upgrades at the location to the next owner or customer before the sale or rental of the property.

Projects that address upgrades to existing buildings deemed unlikely to be habitable or to serve their intended purpose for the duration of Company's cost recovery will not be approved unless repairs are made by the building owner that will extend the life through the Company's cost recovery period. If a building is a manufactured home, it must be built on a permanent foundation and fabricated after 1982 to be eligible.

PROGRAM DESCRIPTION

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program.

1. Participation: To become a Participant in the Program, a customer must: 1) request from the Company an analysis of qualifying upgrades, 2) agree to the terms of the Analysis fee as described in section 3, and 3) sign the Efficiency Upgrade Agreement and implement any Qualifying Project that does not require an upfront payment from the Participant as described in section 2(c).
  - a. The owner must agree to have a Property Notice attached to their property records through either i) Owners Agreement if the Participant is not the owner or ii) as part of the Efficiency Upgrade Agreement if the Participant is the owner.
  - b. Failure to obtain the signature on the Property Notice form, of a successor customer who is renting the premises or a purchaser, in jurisdictions in which the Company cannot attach the Property Notice to the property records, indicating that the successor customer received Property Notice will constitute the owner's acceptance of consequential damages and permission for a tenant or purchaser to break their lease or sales agreement without penalty.
  - c. The customer authorizes the use of energy usage history by the Program Administrator in order to true up its energy analysis and determine qualifying recommendations.

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Service Commission  
EO-2018-0211; YE-2022-0154

FILED  
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Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE November 18, 2020DATE EFFECTIVE December 18, 2020ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President

TITLE

St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 245.2

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21Residential Pay As You Save® Program (Cont'd.)PROGRAM DESCRIPTION (Cont'd.)

2. Energy Efficiency Plans: The Company will have its Program Administrator or Program Partner perform an assessment and prepare a Plan identifying recommended upgrades to improve energy efficiency and lower energy costs.
- a. **Incentive payment:** The Company will offer incentives currently available for an eligible residential Measure and as defined in Company's MEEIA 2019-21 Demand-Side Management Plan.
  - b. **Net Savings:** Recommended upgrades shall be limited to those where the annual Service Charge, including program fees and applicable charges for capital, are no greater than 80% of the estimated annual savings to a participating customer based on current retail rates for electricity, and may include gas savings if the program is co-delivered with a gas utility.
  - c. **Copay Option:** In order to qualify a Project that does not meet the criteria for a Qualifying Project, customers may agree to pay the portion of a Project's cost that prevents it from qualifying for the Program as an up-front payment to the Program Partner. Company will assume no responsibility for such up-front payments to the Program Partner. Copayments will be applied after applying relevant incentive payments as defined in 2(a).
3. Analysis fee: The Company will not recover Analysis fee costs from participants through a Service Charge. Analysis fee costs will be treated as Program Administrative costs.
4. Services Charge: The Company will recover the costs for its investments including any fees as allowed in this tariff through a monthly Service Charge assigned to the premises where upgrades are installed and paid by the Participant or a successor occupying that location until all Company costs have been recovered. The Service Charge will also be set for a duration not to exceed the greater of i) the length of a full parts and labor warranty or ii) 80 percent (80%) of the estimated life of the upgrades, and in no case longer than twelve years. The Service Charge and duration of payments will be included in the Efficiency Upgrade Agreement.
- a. **Cost Recovery:** No sooner than 45 days after approval by the Company or its Program Administrator, the Participant shall be billed the monthly Service Charge as determined by the Program. The Company will bill and collect the Service Charge until cost recovery is complete except in cases discussed in section 4. Prepayment of Service Charges will not be permitted.
  - b. **Eligible Upgrades:** All upgrades must have Energy Star certification, if applicable.

CANCELLED  
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EO-2018-0211; YE-2021-0119

DATE OF ISSUE November 18, 2020DATE EFFECTIVE December 18, 2020ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President

TITLE

St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 245.3

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21Residential Pay As You Save® Program (Cont'd.)PROGRAM DESCRIPTION (Cont'd.)4. Services Charge: (Cont'd.)

- c. **Ownership of Upgrades:** During the period of time when the Service Charge is billed to customers at locations where upgrades have been installed, the Company will retain ownership of the installed upgrades. Upon completion of the cost recovery, ownership will be transferred to the building owner.
- d. **Maintenance of Upgrades:** Participating customers and building owners (if the customer is not the building owner) shall keep the installed upgrades in place, in working order, and maintained per manufacturer's instructions for the duration of the cost recovery. Participating customers shall report the failure of the installed upgrades to the Program Administrator or Company as soon as possible. If an upgrade fails, the Company is responsible for determining its cause and for repairing the equipment in a timely manner. If the owner, customer, or occupants caused the damage to the installed upgrades, they will reimburse the Company as described in section 4.
- e. **Termination of Service Charge:** Once the Company's cost recovery is complete, Company will discontinue the Service Charge, except as described in sections 4(d) and 4(h).
- f. **Vacancy:** If a location at which upgrades have been installed becomes vacant for any reason and electric service is disconnected, the Service Charge will be suspended until a successor customer takes occupancy. If a building owner maintains electric service at the location, the building owner will be billed the Service Charge as part of any charges it incurs while electric service is turned on.
- g. **Extension of Program Charge:** If the monthly Service Charge is reduced or suspended for any reason, once repairs have been successfully effected or service reconnected, the number of total monthly payments shall be extended until the total collected through the Service Charge is equal to the Company's cost for installation as described in section 4, including costs associated with repairs, deferred payments, and missed payments as long as the current occupant is still benefiting from the upgrades.
- h. **Tied to the Location:** Until cost recovery for upgrades at a location is complete or the upgrades fail as described in section 6(g), the terms of this tariff shall be binding on the metered structure or facility and any future customer who shall receive service at that location.
- i. **Disconnection for Non-Payment:** As a charge paid in furtherance of an approved energy efficiency program, and the Company may disconnect the metered structure for non-payment of the Service Charge under the same provisions as for any other electric service.

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April 20, 2022  
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Service Commission  
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EO-2018-0211; YE-2021-0119

DATE OF ISSUE November 18, 2020DATE EFFECTIVE December 18, 2020ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President

TITLE

St. Louis, Missouri  
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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 245.4

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREAENERGY EFFICIENCY MEEIA 2019-21Residential Pay As You Save® Program (Cont'd.)PROGRAM DESCRIPTION (Cont'd.)4. Services Charge: (Cont'd.)

- j. **Confirm Savings Actually Exceeded Tariffed-Charge:** Program Administrator will perform an annual analysis to evaluate weather-normalized 12-month post-upgrade Project cost savings and confirm that the Service Charge remains lower than estimated Project cost savings. In the event that analysis indicates that the Service Charge exceeds the estimated Project cost savings due to inaccurate saving estimates, the Service Charge may be reduced or eliminated to the extent needed in order for the Participant to realize Project savings
- k. **Repairs:** Should, at any future time during the billing of the Service Charge, the Company determine that the installed upgrades are no longer functioning as intended and that the occupant or building owner, as applicable, did not damage or fail to maintain the installed upgrades, the Company shall reduce or suspend the Service Charge until such time as the Company and/or its Program Partner can repair the upgrades. If the upgrades cannot be repaired or replaced cost effectively, the Company will waive remaining Service Charges. If the Company determines the occupant or building owner, as applicable, did damage or fail to maintain the upgrades in place as described in section 4(a), it will seek to recover all costs associated with the installation, including any fees, incentives paid to lower Project costs, and legal fees. The Service Charge will continue until Company's cost recovery is complete as long as the upgrades continue to function. Company will not guarantee perfect operation of installed upgrades in every circumstance, and any suspension or waiver of unbilled Service Charges shall not entitle the Participant or owner to any refund or cancellation of previously billed Service Charges.

ELIGIBLE MEASURES AND INCENTIVES

Measures filed in File No. EO-2018-0211 or other measures not included in the TRM but that, due to the complexity in the design and configuration of the particular measure in the Qualifying Project, may be subject to a more comprehensive custom engineering algorithm and financial analysis that more accurately characterize the energy efficiency savings within a Qualifying Project are eligible for Program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Measures for this Program are limited to residential energy efficiency Measures and do not include residential demand response Measures. A description of Eligible Measures and Incentives directly paid to customers may be found at [amerenmissourisavings.com/PAYS](http://amerenmissourisavings.com/PAYS).

CANCELLED  
April 20, 2022  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0240

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE November 18, 2020DATE EFFECTIVE December 18, 2020ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President

TITLE

St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 245.5

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****ENERGY EFFICIENCY MEEIA 2019-21****Residential Pay As You Save® Program (Cont'd.)****\* ELIGIBLE MEASURES AND INCENTIVES**

Measures filed in File No. EO-2018-0211 or other measures not included in the TRM but that, due to the complexity in the design and configuration of the particular measure in the Qualifying Project, may be subject to a more comprehensive custom engineering algorithm and financial analysis that more accurately characterize the energy efficiency savings within a Qualifying Project are eligible for Program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Measures for this Program are limited to residential energy efficiency Measures and do not include residential demand response Measures. A description of Eligible Measures and Incentives directly paid to customers may be found at [amerenmissourisavings.com/PAYS](http://amerenmissourisavings.com/PAYS).

\*Indicates Reissue.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0240

DATE OF ISSUE March 21, 2022DATE EFFECTIVE April 20, 2022ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

FILED

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

3rd Revised

SHEET NO. 247CANCELLING MO.P.S.C. SCHEDULE NO. 6

2nd Revised

SHEET NO. 247

APPLYING TO

MISSOURI SERVICE AREADEMAND RESPONSE MEEIA 2019-21PURPOSE

The purpose of the Business and Residential Demand Response Programs is to proactively impact customer energy use in such a way as to reduce demand (kW) and/or energy (kWh). The programs included in this tariff are expected to be cost effective having a Total Resource Cost Test ratio of greater than 1.0.

DEFINITIONS

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 247 through 249.1 have the following meanings:

- \* Business Demand Response Program - A demand response program that is available to a customer receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), or Large Primary Service Rate 11(M).

Demand Response Event (Event) - A period of time up to four hours during which the Company will ask the demand response participants to reduce their energy use.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in the Company's filing for demand-side program approval in File No. EO-2018-0211 as may be amended.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, Trade Ally, and/or Program Partners which encourages the adoption of Measures or behaviors that reduce energy usage and/or demand, including in the form of cash, bill credit, payment to third party, donations or giveaways, public education programs, buydowns, markdowns, rebates, bill credits, direct installation, and education.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner - A retailer, distributor, or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

- \* Program Period - The period from March 1, 2019 through December 31, 2024 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com/demandresponse](https://AmerenMissouri.com/demandresponse).

Program Provider - An entity that meets the criteria defined by a Program Administrator to provide specific program products and/or services.

Program Season - The portion of the calendar year, May through September inclusive, in which demand response events may be called.

Residential Demand Response Program - A Demand Response program available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule.

\*Indicates Change.

ISSUED BY

Mark C. Birk

Chairman &amp; President

St. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

MO.P.S.C. SCHEDULE NO. 62nd RevisedSHEET NO. 247CANCELLING MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 247APPLYING TO MISSOURI SERVICE AREA**DEMAND RESPONSE MEEIA 2019-21****PURPOSE**

The purpose of the Business and Residential Demand Response Programs is to proactively impact customer energy use in such a way as to reduce demand (kW) and/or energy (kWh). The programs included in this tariff are expected to be cost effective having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 247 through 249.1 have the following meanings:

Business Demand Response Program - A demand response program that is available to a customer receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Demand Response Event (Event) - A period of time up to four hours during which the Company will ask the demand response participants to reduce their energy use.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in the Company's filing for demand-side program approval in File No. EO-2018-0211 as may be amended.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, Trade Ally, and/or Program Partners which encourages the adoption of Measures or behaviors that reduce energy usage and/or demand, including in the form of cash, bill credit, payment to third party, donations or giveaways, public education programs, buydowns, markdowns, rebates, bill credits, direct installation, and education.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner - A retailer, distributor, or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

\* Program Period - The period from March 1, 2019 through December 31, 2023 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse).

Program Provider - An entity that meets the criteria defined by a Program Administrator to provide specific program products and/or services.

Program Season - The portion of the calendar year, May through September inclusive, in which demand response events may be called.

Residential Demand Response Program - A Demand Response program available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule.

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0154

DATE OF ISSUE November 19, 2021DATE EFFECTIVE December 19, 2021ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 247CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 247

APPLYING TO

MISSOURI SERVICE AREADEMAND RESPONSE MEEIA 2019-21PURPOSE

The purpose of the Business and Residential Demand Response Programs is to proactively impact customer energy use in such a way as to reduce demand (kW) and/or energy (kWh). The programs included in this tariff are expected to be cost effective having a Total Resource Cost Test ratio of greater than 1.0.

DEFINITIONS

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 247 through 249.1 have the following meanings:

Business Demand Response Program - A demand response program that is available to a customer receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Demand Response Event (Event) - A period of time up to four hours during which the Company will ask the demand response participants to reduce their energy use.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in the Company's filing for demand-side program approval in File No. EO-2018-0211 as may be amended.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, Trade Ally, and/or Program Partners which encourages the adoption of Measures or behaviors that reduce energy usage and/or demand, including in the form of cash, bill credit, payment to third party, donations or giveaways, public education programs, buydowns, markdowns, rebates, bill credits, direct installation, and education.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner - A retailer, distributor, or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

\* Program Period - The period from March 1, 2019 through December 31, 2022 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse).

Program Provider - An entity that meets the criteria defined by a Program Administrator to provide specific program products and/or services.

Program Season - The portion of the calendar year, May through September inclusive, in which demand response events may be called.

Residential Demand Response Program - A Demand Response program available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule.

\*Indicates Change.

CANCELLED  
December 19, 2021  
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DATE OF ISSUE November 18, 2020DATE EFFECTIVE December 18, 2020ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 247

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

**MISSOURI SERVICE AREA****DEMAND RESPONSE MEEIA 2019-21****PURPOSE**

The purpose of the Business and Residential Demand Response Programs is to proactively impact customer energy use in such a way as to reduce demand (kW) and/or energy (kWh). The programs included in this tariff are expected to be cost effective having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 247 through 249.1 have the following meanings:

Business Demand Response Program - A demand response program that is available to a customer receiving electric service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M).

Demand Response Event (Event) - A period of time up to four hours during which the Company will ask the demand response participants to reduce their energy use.

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in the Company's filing for demand-side program approval in File No. EO-2018-0211 as may be amended.

Incentive - Any consideration provided by the Company directly or through the Program Administrator, Trade Ally, and/or Program Partners which encourages the adoption of Measures or behaviors that reduce energy usage and/or demand, including in the form of cash, bill credit, payment to third party, donations or giveaways, public education programs, buydowns, markdowns, rebates, bill credits, direct installation, and education.

Program Administrator - The entity selected by the Company to provide program design, promotion, administration, implementation, and delivery of services.

Program Partner - A retailer, distributor, or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

Program Period - The period from March 1, 2019 through December 31, 2021 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse).

Program Provider - An entity that meets the criteria defined by a Program Administrator to provide specific program products and/or services.

Program Season - The portion of the calendar year, May through September inclusive, in which demand response events may be called.

Residential Demand Response Program - A Demand Response program available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule.

CANCELLED  
December 18, 2020  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE December 21, 2018DATE EFFECTIVE January 20, 2019ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLE

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133  
St. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 247.1CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 247.1

APPLYING TO

MISSOURI SERVICE AREA**DEMAND RESPONSE MEEIA 2019-21 (Cont'd.)****DEFINITIONS (Cont'd.)**

Trade Ally - An independent contractor that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

**AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, business programs are available uniformly to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M). Customers participating in a business program must have metering provided by Company that can record intervals of energy and demand of one hour or smaller. Residential programs are available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule. Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners, Program Providers, or Trade Allies.

Unless otherwise provided for in the tariff sheets governing a particular program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

Business Programs are also not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(7).

**\* TERM**

This tariff (Sheet Nos. 247 - 247.3) and the tariffs reflecting each specific demand response program (Sheet Nos. 248, 249 and 249.1) shall be effective from March 1, 2019 through December 31, 2023, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse).

If the programs are terminated prior to December 31, 2023 under this provision, only Incentives for qualifying Measures that have been executed prior to the programs' termination and in accordance with the appropriate demand response program provisions will be provided to the customer.

\*Indicates Change.

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Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0154

DATE OF ISSUE November 19, 2021DATE EFFECTIVE December 19, 2021ISSUED BY Martin J. Lyons  
NAME OF OFFICERChairman & President

TITLE

St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6Original SHEET NO. 247.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREADEMAND RESPONSE MEEIA 2019-21 (Cont'd.)DEFINITIONS (Cont'd.)

Trade Ally - An independent contractor that the Company or the Program Administrator has approved to provide specific program services through execution of a Company-approved service agreement.

AVAILABILITY

Except as otherwise provided in the terms governing a particular program, business programs are available uniformly to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M). Customers participating in a business program must have metering provided by Company that can record intervals of energy and demand of one hour or smaller. Residential programs are available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule. Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners, Program Providers, or Trade Allies.

Unless otherwise provided for in the tariff sheets governing a particular program, customers may participate in multiple Programs, but may receive only one Incentive per Measure.

Business Programs are also not available to customers electing to opt-out of energy efficiency program funding under 4 CSR 240-20.094(7).

TERM

This tariff (Sheet Nos. 247 - 247.3) and the tariffs reflecting each specific demand response program (Sheet Nos. 248, 249 and 249.1) shall be effective from March 1, 2019 through December 31, 2021, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse).

If the programs are terminated prior to December 31, 2021 under this provision, only Incentives for qualifying Measures that have been executed prior to the programs' termination and in accordance with the appropriate demand response program provisions will be provided to the customer.

CANCELLED  
December 19, 2021  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0154

DATE OF ISSUE December 21, 2018DATE EFFECTIVE January 20, 2019ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLEFILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133St. Louis, Missouri  
ADDRESS

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

Original

SHEET NO. 247.3

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREADEMAND RESPONSE MEEIA 2019-21 (Cont'd.)PROGRAM COSTS

Costs of the Demand Response Programs reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Residential Service Rate 1(M), Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), and Large Transmission Service Rate 12(M) rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless the customer has opted-out as provided for previously or qualifies for the low-income exemption as outlined in Rider EEIC 2019-21.

PROGRAM DESCRIPTIONS

The following pages contain other descriptions and terms for the programs being offered under this tariff.

CHANGES IN MEASURES OR INCENTIVES

Residential Demand Response Program - The Company may offer Measures contained in Company's approved Plan in File No. EO-2018-0211. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse). The Measures and Incentives being offered are subject to change - customers must consult [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in File No. EO-2018-0211, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

Business Demand Response Program - The Company will not directly offer specific Incentives for Measures. The Company will engage a Program Administrator who will contract with the customer to provide kW and kWh savings to the Company. Customer payments will vary by industry and ability to reduce kW and kWh. The Program Administrator's contact information will be listed on [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse).

DATE OF ISSUE December 21, 2018DATE EFFECTIVE January 20, 2019ISSUED BY Michael Moehn  
NAME OF OFFICERPresident  
TITLEFILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133St. Louis, Missouri  
ADDRESS

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

DATE OF ISSUE August 3, 2023

DATE EFFECTIVE September 2, 2023

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

2nd Revised SHEET NO. 248

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

1st Revised SHEET NO. 248

APPLYING TO MISSOURI SERVICE AREA

DEMAND RESPONSE MEEIA 2019-21Business Demand Response ProgramPURPOSE

The Business Demand Response Program (Program) will be operated by a demand-response aggregator (who will be the Program Administrator) to obtain energy and demand reductions from existing facilities by incentivizing customers to reduce energy usage through direct load control, manual response, and/or the use of behind the meter assets such as energy management systems or other properly permitted dispatchable assets. The Program Administrator will contract with eligible business customers to obtain the energy and demand reductions.

\* AVAILABILITY

This Program is available for the Program Period. This Program is available for dispatch 24 hours a day and 7 days a week during the Program Season. It is voluntary, and available to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), or Large Primary Service Rate 11(M) provided the customer has metering provided by Company that can record intervals of energy and demand of one hour or smaller.

The Business Demand Response Program is available to customers electing to opt-out of energy efficiency program funding under 20 CSR 4240-20.094(7).

PROGRAM PROVISIONS

The Company will hire a demand response aggregator who will be the Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and strive to attain the energy and demand savings targets. The Program Administrator will develop and enable each participating customer with a customized energy reduction plan and may provide control technology. Customers will have the opportunity to participate in Demand Response Events when initiated by the Company. Customer Incentives will be based on the availability and execution of reducing energy use during an Event. Customers can receive a demand reduction Incentive based on their average demand reduction during the Events in a program year. They can also receive an energy reduction Incentive based on the energy reduction for each Event. Participants will receive Incentive payments directly from the Program Administrator.

Maximum number of Events per Program Season - 15

Minimum number of Events per Program Season - 2

Maximum duration of an Event - 4 hours

Minimum notification before an Event - 1 hour

\*Indicates Change.

DATE OF ISSUE August 3, 2023

DATE EFFECTIVE September 2, 2023

ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 248CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 248

APPLYING TO

MISSOURI SERVICE AREA**DEMAND RESPONSE MEEIA 2019-21****Business Demand Response Program****PURPOSE**

The Business Demand Response Program (Program) will be operated by a demand-response aggregator (who will be the Program Administrator) to obtain energy and demand reductions from existing facilities by incentivizing customers to reduce energy usage through direct load control, manual response, and/or the use of behind the meter assets such as energy management systems or other properly permitted dispatchable assets. The Program Administrator will contract with eligible business customers to obtain the energy and demand reductions.

**AVAILABILITY**

This Program is available for the Program Period. This Program is available for dispatch 24 hours a day and 7 days a week during the Program Season. It is voluntary, and available to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M) provided the customer has metering provided by Company that can record intervals of energy and demand of one hour or smaller.

**PROGRAM PROVISIONS**

The Company will hire a demand response aggregator who will be the Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and strive to attain the energy and demand savings targets. The Program Administrator will develop and enable each participating customer with a customized energy reduction plan and may provide control technology. Customers will have the opportunity to participate in Demand Response Events when initiated by the Company. Customer Incentives will be based on the availability and execution of reducing energy use during an Event. Customers can receive a demand reduction Incentive based on their average demand reduction during the Events in a program year. They can also receive an energy reduction Incentive based on the energy reduction for each Event. Participants will receive Incentive payments directly from the Program Administrator.

\* Maximum number of Events per Program Season - 15

Minimum number of Events per Program Season - 2

Maximum duration of an Event - 4 hours

Minimum notification before an Event - 1 hour

The Program Administrator will communicate in advance of a Demand Response Event to provide participants the greatest amount of notification to enhance their ability to reduce energy consumption during the Event.

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0238

DATE OF ISSUE March 14, 2022DATE EFFECTIVE April 13, 2022ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
ADDRESS

DEMAND RESPONSE MEEIA 2019-21Business Demand Response ProgramPURPOSE

The Business Demand Response Program (Program) will be operated by a demand-response aggregator (who will be the Program Administrator) to obtain energy and demand reductions from existing facilities by incentivizing customers to reduce energy usage through direct load control, manual response, and/or the use of behind the meter assets such as energy management systems or other properly permitted dispatchable assets. The Program Administrator will contract with eligible business customers to obtain the energy and demand reductions.

AVAILABILITY

This Program is available for the Program Period. This Program is available for dispatch 24 hours a day and 7 days a week during the Program Season. It is voluntary, and available to all customers qualifying for service under Service Classifications Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), or Large Transmission Service Rate 12(M) provided the customer has metering provided by Company that can record intervals of energy and demand of one hour or smaller.

PROGRAM PROVISIONS

The Company will hire a demand response aggregator who will be the Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and strive to attain the energy and demand savings targets. The Program Administrator will develop and enable each participating customer with a customized energy reduction plan and may provide control technology. Customers will have the opportunity to participate in Demand Response Events when initiated by the Company. Customer Incentives will be based on the availability and execution of reducing energy use during an Event. Customers can receive a demand reduction Incentive based on their average demand reduction during the Events in a program year. They can also receive an energy reduction Incentive based on the energy reduction for each Event. Participants will receive Incentive payments directly from the Program Administrator.

Maximum number of Events per Program Season - 10

Minimum number of Events per Program Season - 2

Maximum duration of an Event - 4 hours

Minimum notification before an Event - 1 hour

The Program Administrator will communicate in advance of a Demand Response Event to provide participants the greatest amount of notification to enhance their ability to reduce energy consumption during the Event.

CANCELLED  
April 13, 2022  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0238

DATE OF ISSUE December 21, 2018 DATE EFFECTIVE January 20, 2019

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

Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133

## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 248.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO \_\_\_\_\_

MISSOURI SERVICE AREADEMAND RESPONSE MEEIA 2019-21 (Cont'd.)Business Demand Response Program (Cont'd.)ELIGIBLE MEASURES AND INCENTIVES

The Program Administrator will deliver kW savings through business participants that contract directly with the Program Administrator using unique contract offerings and price points. There are no specific Measures associated with the Program. Additional information can be found at [AmerenMissouri.com/demandresponse](http://AmerenMissouri.com/demandresponse).

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CANCELLED - Missouri Public Service Commission - 09/02/2023 - EO-2018-0211 - YE-2024-0018

DEMAND RESPONSE MEEIA 2019-21Residential Demand Response ProgramPURPOSE

The Residential Demand Response Program (Program) will obtain energy and demand reductions from residences that have installed Program-eligible devices by incentivizing them to allow the Program Administrator to control their device's operation during peak Events for demand reduction and non-peak periods for energy reduction.

AVAILABILITY

This Program is available for the Program Period. The Program will dispatch Events to reduce peak demand during the Program Season and will reduce energy usage during normal operations throughout the year. It is voluntary, and available to customers in the Residential 1(M) rate class. To be eligible to participate, the customer must:

- a) Have a central air conditioning system or other controllable device as required by the Program;
- b) Have or purchase and install an eligible controlling device; and
- c) Be able to connect the device to a home Wi-Fi network or other network as required by the Program.

PROGRAM PROVISIONS

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and strive to attain the energy and demand savings targets. The Company and the Program Administrator will follow a multi-faceted approach to marketing the Program.

The Program Administrator will communicate with participants before a Demand Response Event. The Program Administrator will use Program-approved technologies to control the participant's device before and during an Event to maximize the demand savings during the Event while minimizing impact to customer comfort. The Program Administrator will also reduce energy usage by utilizing a continuous load shaping strategy during non-peak periods. Energy management activities undertaken through this Program will occur within customer-selected home temperature threshold set points to minimize customer comfort impact.

Participants will receive Incentives for participating in the Program, which may include upfront enrollment Incentives, an annual Incentive, and an installation Incentive.

Initially, the Program will provide an approved list of eligible WiFi enabled smart thermostats, but as technology, device capability, and the Program evolve, the Program may also obtain energy and demand savings from residences through other connected assets, such as hot water heaters, HVAC switches, residential energy storage, etc.

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NAME OF OFFICERPresident  
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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 249.1CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 249.1

APPLYING TO

MISSOURI SERVICE AREADEMAND RESPONSE MEEIA 2019-21 (Cont'd.)Residential Demand Response Program (Cont'd.)\* PROGRAM PROVISIONS (Cont'd.)

The Company will restrict the length of Demand Response Events to a total duration of no more than 4 hours during any 24-hour period and to a maximum of 15 Events per Program Season. A minimum of three (3) Events per Program Season will be dispatched with at least one (1) Event per Program Season dispatching all Participants.

ELIGIBLE MEASURES AND INCENTIVES

Eligible Demand Response Measures and Incentives paid to customers may be found at [AmerenMissouri.com/rewards](https://AmerenMissouri.com/rewards).

\*Indicates Change.

DATE OF ISSUE March 9, 2023DATE EFFECTIVE April 8, 2023ISSUED BY Mark C. Birk  
NAME OF OFFICERChairman & President  
TITLESt. Louis, Missouri  
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## UNION ELECTRIC COMPANY

## ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 249.1

CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

SHEET NO. \_\_\_\_\_

APPLYING TO MISSOURI SERVICE AREADEMAND RESPONSE MEEIA 2019-21 (Cont'd.)Residential Demand Response Program (Cont'd.)PROGRAM PROVISIONS (Cont'd.)

The Company will restrict the length of Demand Response Events to a total duration of no more than 4 hours during any 24-hour period and to a maximum of 10 Events per Program Season. A minimum of three (3) Events per Program Season will be dispatched with at least one (1) Event per Program Season dispatching all Participants.

ELIGIBLE MEASURES AND INCENTIVES

Eligible Demand Response Measures and Incentives paid to customers may be found at [AmerenMissouri.com/rewards](http://AmerenMissouri.com/rewards).

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