

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 90.5

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 90.5

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA CYCLE 1 Plan

(Applicable To Determination of EEIR for the Billing Months of February 2016 through January 2017)

\* EEIR Components and Total EEIR

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	(\$0.000807)	(\$0.000248)	\$0.000000	\$0.000000	(\$0.001055)
2(M)-Small General Service	(\$0.000208)	\$0.000757	\$0.000000	\$0.000000	\$0.000549
3(M)-Large General Service	(\$0.000174)	\$0.001112	\$0.000000	\$0.000000	\$0.000938
4(M)-Small Primary Service	(\$0.000148)	\$0.001597	\$0.000000	\$0.000000	\$0.001449
11(M)-Large Primary Service	(\$0.000089)	\$0.001504	\$0.000000	\$0.000000	\$0.001415
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\* Indicates Change.

**FILED**  
**Missouri Public**  
**Service Commission**  
**ER-2016-0131; YE-2016-0130**

CANCELLED DATE OF ISSUE November 25, 2015 DATE EFFECTIVE January 27, 2016  
 ISSUED BY Michael Moehn President St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 90.5

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 90.5

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA CYCLE 1 Plan

(Applicable To Determination of EEIR for the Billing Months of June 2015 through January 2016)

\* EEIR Components and Total EEIR

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.002296	\$0.003504	\$0.000000	\$0.000000	\$0.005800
2(M)-Small General Service	\$0.001838	\$0.000597	\$0.000000	\$0.000000	\$0.002435
3(M)-Large General Service	\$0.001853	\$0.001710	\$0.000000	\$0.000000	\$0.003563
4(M)-Small Primary Service	\$0.001858	\$0.001007	\$0.000000	\$0.000000	\$0.002865
11(M)-Large Primary Service	\$0.001825	\$0.001560	\$0.000000	\$0.000000	\$0.003385
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**CANCELLED**  
 January 27, 2016  
 Missouri Public  
 Service Commission  
 ER-2016-0131; YE-2016-0130

\* Indicates Change.

**FILED**  
 Missouri Public  
 Service Commission  
 ER-2015-0290; JE-2015-0290

DATE OF ISSUE March 27, 2015 DATE EFFECTIVE May 27, 2015

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 90.5  
 CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 90.5

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA CYCLE 1 Plan

(Applicable To Determination of EEIR for the Billing Months of February 2015 through January 2016)

EEIR Components and Total EEIR

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.002219	\$0.003388	\$0.000000	\$0.000000	\$0.005607
2(M)-Small General Service	\$0.001838	\$0.000597	\$0.000000	\$0.000000	\$0.002435
3(M)-Large General Service	\$0.001853	\$0.001710	\$0.000000	\$0.000000	\$0.003563
4(M)-Small Primary Service	\$0.001858	\$0.001007	\$0.000000	\$0.000000	\$0.002865
11(M)-Large Primary Service	\$0.001825	\$0.001560	\$0.000000	\$0.000000	\$0.003385
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

CANCELLED  
 May 27, 2015  
 Missouri Public  
 Service Commission  
 ER-2015-0235; JE-2015-0290

FILED  
 Missouri Public  
 Service Commission  
 ER-2015-0132; YE-2015-0210

DATE OF ISSUE November 21, 2014 DATE EFFECTIVE January 27, 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. 6 Original SHEET NO. 90.5

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

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA CYCLE 1 Plan

(Applicable To Determination of EEIR for the Billing Months of February 2014 through January 2015)

EEIR Components and Total EEIR

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.001447	\$0.002025	\$0.000000	\$0.000000	\$0.003472
2(M)-Small General Service	\$0.000920	\$0.001035	\$0.000000	\$0.000000	\$0.001955
3(M)-Large General Service	\$0.000933	\$0.001439	\$0.000000	\$0.000000	\$0.002372
4(M)-Small Primary Service	\$0.000936	\$0.001087	\$0.000000	\$0.000000	\$0.002023
11(M)-Large Primary Service	\$0.000809	\$0.000886	\$0.000000	\$0.000000	\$0.001695
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

CANCELLED  
January 27, 2015

Missouri Public  
Service Commission

ER-2015-0132; YE-2015-0210

DATE OF ISSUE November 20, 2013 DATE EFFECTIVE January 27, 2014

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

Filed  
Missouri Public  
Service Commission  
EO-2014-0075; YE-2014-0223

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE**  
**For MEEIA Cycle 2 Plan**

**APPLICABILITY**

This Rider EEIC - Energy Efficiency Investment Charge (Rider EEIC ) is applicable to all kilowatt-hours (kWh) of energy supplied to customers served under Company's Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 11(M), and 12(M), excluding kWh of energy supplied to "opt-out" or "low-income" customers.

An Ameren Missouri low-income customer who has received assistance from Missouri Energy Assistance (a.k.a. Low Income Home Energy Assistance Program or LIHEAP), Winter Energy Crisis Intervention Program, or Summer Energy Crisis Intervention Program and (i) whose account has not automatically been exempted from Rider EEIC, or (ii) who has been charged Rider EEIC charges and whose account has not been credited for said charges, may provide the Company, via facsimile to **866.297.8054**, via email to [myhomeamerenmissouri@ameren.com](mailto:myhomeamerenmissouri@ameren.com), or via regular mail to **Ameren Missouri, P.O. Box 790352, St. Louis, MO 63179-0352**

- a. documentation of the assistance received in the form of:
  - i. a copy of the Division of Social Services Family Support Division ("DSSFSD") form EA-7 energy assistance payment notice received by the low-income customer, or
  - ii. a copy of the DSSFSD LIHEAP Energy Assistance direct payment check received by the low-income customer, or
  - iii. a copy of the Contract Agency energy crisis intervention program ("ECIP") payment notification letter received by the low-income customer, or
  - iv. a printout of the low-income customer's DSSFSD LIHEAP EA EIRG System Registration screen identifying the supplier, benefit amount and payment processing date.
- b. Upon receipt of the documentation, the Company will credit the low-income customer's account for:
  - i. energy efficiency investment charges, and
  - ii. any municipal charges attributable to said EEIC charges, that were previously charged to the low-income customer within twelve billing months following the documented receipt of energy assistance; provided that the low-income customer shall not be entitled to any credit, nor shall Company credit the low-income customer, for energy efficiency investment charges and associated municipal charges incurred and billed prior to the June 2015 commencement of the low-income exemption.
- c. Upon receipt of the documentation, for the remainder of the twelve months following the documented receipt of energy assistance, the Company will exempt such low-income customer from any Rider EEIC charges thereafter imposed. The exemption will be evidenced on the low-income customer's bill as an EEIC charge, followed by a credit.

Charges passed through this Rider EEIC reflect the charges approved to be billed from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) 2016-18 Plan and any remaining unrecovered balances from the MEEIA 2013-15 plan. Those charges include:

**FILED**  
**Missouri Public**  
**Service Commission**  
**EO-2015-0055; YE-2016-0198**

**CANCELLED**  
**September 1, 2019**  
**Missouri Public**  
**Service Commission**  
**JE-2020-0023**

DATE OF ISSUE February 5, 2016 DATE EFFECTIVE March 6, 2016  
 ISSUED BY Michael Moehn President St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 91

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

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

APPLYING TO MISSOURI SERVICE AREA

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THIS SHEET RESERVED FOR FUTURE USE

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

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CANCELLED	DATE OF ISSUE	<u>May 31, 2013</u>	DATE EFFECTIVE	<u>June 30, 2013</u>
March 6, 2016	ISSUED BY	<u>Warner L. Baxter</u>	<u>President &amp; CEO</u>	<u>St. Louis, Missouri</u>
Missouri Public	NAME OF OFFICER		TITLE	ADDRESS
Service Commission				

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.1  
 CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.1

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC  
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)  
For MEEIA Cycle 2 Plan

APPLICABILITY (Cont'd.)

- 1) Program Costs, Company's Throughput Disincentive ((TD) and Earnings Opportunity (EO) Award (if any) for each Effective Period (EP)
- \* 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this Rider EEIC and total actual monthly amounts for:
  - i) Program Costs incurred in the MEEIA 2016-18 Plan, including those related to Long-Lead Projects, and/or remaining unrecovered Program balances for MEEIA 2013-15,
  - ii) Company's TD incurred in the MEEIA 2016-18 Plan, including those related to Long-Lead Projects, and/or remaining TD-NSB Share balances for MEEIA 2013-15,
  - iii) Amortization of Earnings Opportunity ordered by the Missouri Public Service Commission (Commission), including those related to Long-Lead Projects, and/or remaining balances for the MEEIA 2013-15 Performance Incentive.
- 3) Any Ordered Adjustments.

Charges under this Rider EEIC shall continue after the anticipated February 28, 2019 end of MEEIA 2016-18 Plan until such time as the charges described in items 1), 2), and 3) above have been billed.

Charges arising from the MEEIA 2016-18 Plan that are the subject of this Rider EEIC shall be reflected in one "Energy Efficiency Invest Chg" on customers' bills in combination with any charges arising from a rider that is applicable to the MEEIA 2013-15 Plan demand-side management programs.

DEFINITIONS

As used in this Rider EEIC, the following definitions shall apply:

"AFUDC" means the Allowance for Funds Used During Construction rate computed in accordance with the formula prescribed in the Code of Federal Regulations Title 18 Part 101.

"Company's Throughput Disincentive" (TD) means to represent the utility's lost margins associated with the successful implementation of MEEIA programs. The detailed method for calculating the TD is described in Tariff Sheets 91.6 - 91.8.

"Earnings Opportunity" (EO) means the amount ordered by the Commission based on actual performance verified through Evaluation Measurement & Verification (EM&V) against planned targets. The details of determining EO are described herein.

"Effective Period" (EP) means the twelve (12) billing months beginning with the February billing month and ending with the January billing month. Where an additional Rider EEIC filing is made to change the EEIR components during a calendar year, the EP for such a filing shall begin with the June or October billing month and end with the subsequent January billing month.

\* "End Use Category" means the unique summary category of end-use load shapes. The list of End Use Categories is included in Appendix E to the Stipulation.

\*Indicates Change.

FILED  
 Missouri Public  
 Service Commission  
 EO-2015-0055; YE-2017-0275

CANCELLED  
 February 1, 2020  
 Missouri Public  
 Service Commission  
 ER-2020-0147; YE-2020-0090

DATE OF ISSUE June 29, 2017 DATE EFFECTIVE July 29, 2017  
 ISSUED BY Michael Moehn President St. Louis, Missouri  
 NAME OF OFFICER ADDRESS

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**  
**For MEEIA Cycle 2 Plan**

**APPLICABILITY (Cont'd.)**

- 1) Program Costs, Company's Throughput Disincentive ((TD) and Earnings Opportunity (EO) Award (if any) for each Effective Period (EP)
- 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this Rider EEIC and total actual monthly amounts for:
  - i) Program Costs incurred in the MEEIA 2016-18 Plan and/or remaining unrecovered Program balances for MEEIA 2013-15, and
  - ii) Company's TD incurred in the MEEIA 2016-18 Plan and/or remaining TD-NSB Share balances for MEEIA 2013-15, and
  - iii) Amortization of Earnings Opportunity ordered by the Missouri Public Service Commission (Commission) and/or remaining balances for the MEEIA 2013-15 Performance Incentive,
- 3) Any Ordered Adjustments.

Charges under this Rider EEIC shall continue after the anticipated February 28, 2019 end of MEEIA 2016-18 Plan until such time as the charges described in items 1), 2), and 3) above have been billed.

Charges arising from the MEEIA 2016-18 Plan that are the subject of this Rider EEIC shall be reflected in one "Energy Efficiency Invest Chg" on customers' bills in combination with any charges arising from a rider that is applicable to the MEEIA 2013-15 Plan demand-side management programs.

**DEFINITIONS**

As used in this Rider EEIC, the following definitions shall apply:

"AFUDC" means the Allowance for Funds Used During Construction rate computed in accordance with the formula prescribed in the Code of Federal Regulations Title 18 Part 101.

"Company's Throughput Disincentive" (TD) means to represent the utility's lost margins associated with the successful implementation of MEEIA programs. The detailed method for calculating the TD is described in Tariff Sheets 91.6 - 91.8.

"Earnings Opportunity" (EO) means the amount ordered by the Commission based on actual performance verified through Evaluation Measurement & Verification (EM&V) against planned targets. The details of determining EO are described herein.

"Effective Period" (EP) means the twelve (12) billing months beginning with the February billing month and ending with the January billing month. Where an additional Rider EEIC filing is made to change the EEIR components during a calendar year, the EP for such a filing shall begin with the June or October billing month and end with the subsequent January billing month.

"End Use Category" means the unique summary category of end-use load shapes. The list of End Use Categories is includes in Appendix E to the Stipulation.

"Evaluation Measurement & Verification " (EM&V) means the performance of studies and activities intended to evaluate the process of the Company's program delivery and oversight and to estimate and/or verify the estimated actual energy and demand savings, cost effectiveness, and other effects from demand-side programs.

**FILED**  
**Missouri Public**  
**Service Commission**  
**EO-2015-0055; YE-2016-0198**

DATE OF ISSUE February 5, 2016 DATE EFFECTIVE March 6, 2016

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



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

1st Revised

SHEET NO. 91.2

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

Original

SHEET NO. 91.2

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA Cycle 2 Plan

DEFINITIONS (Cont'd.)

"Incentive" means any consideration provided by the Company, including, but not limited to, buy downs, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of program measures.

"Low-Income" customers means those Service Classification 1(M)-Residential customers eligible for the low income exemption provisions contained in Section 393.1075.6, RSMo. As approved in File No. ER-2014-0258, customers eligible under this definition will be exempt from Rider EEIC charges for 12 billing months following assistance received from either Missouri Energy Assistance (a.k.a. Low Income Home Energy Assistance Program or LIHEAP), Winter Energy Crisis Intervention Program, Summer Energy Crisis Intervention Program, the Company's Keeping Current Low Income Pilot Program, and/or the Company's Keeping Cool Low Income Pilot Program.

"Measure" means energy efficiency measures described for each program attached as Appendix B to the Stipulation

"MEEIA 2013-15 Plan" means Company's "2013-15 Energy Efficiency Plan" submitted in File No. EO-2012-0142 and its corresponding tariff sheets.

"MEEIA 2016-18 Plan" means Company's "2016-18 Energy Efficiency Plan" submitted in File No. EO-2015-0055 and modified by the Stipulation.

\* "Programs" means MEEIA 2016-18 programs listed in tariff sheet no. 174.

"Program Costs" means any prudently incurred program expenditures, including such items as program planning, program design, administration, delivery, end-use measures and incentive payments, advertising expense, evaluation, measurement and verification, market potential studies and work on a utility and/or statewide Technical Resource Manual (TRM).

"TRM" means the Company's Technical Resource Manual (attached as Appendix F to the Stipulation) and updated based on EM&V ex-post gross adjustments determined for Year 1 no later than twenty-four (24) months after commencement of MEEIA 2016-18.

"Stipulation" means the Stipulation and Agreement approved by the Commission in File No. EO-2015-0055, as it may be amended further by subsequent Commission orders.

\*Indicates Change

FILED  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2017-0202

DATE OF ISSUE	<u>April 18, 2017</u>	DATE EFFECTIVE	<u>May 18, 2017</u>
ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**  
**For MEEIA Cycle 2 Plan**

**DEFINITIONS (Cont'd.)**

"Incentive" means any consideration provided by the Company, including, but not limited to, buy downs, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of program measures.

"Low-Income" customers means those Service Classification 1(M)-Residential customers eligible for the low income exemption provisions contained in Section 393.1075.6, RSMo. As approved in File No. ER-2014-0258, customers eligible under this definition will be exempt from Rider EEIC charges for 12 billing months following assistance received from either Missouri Energy Assistance (a.k.a. Low Income Home Energy Assistance Program or LIHEAP), Winter Energy Crisis Intervention Program, Summer Energy Crisis Intervention Program, the Company's Keeping Current Low Income Pilot Program, and/or the Company's Keeping Cool Low Income Pilot Program.

"Measure" means energy efficiency measures described for each program attached as Appendix B to the Stipulation

"MEEIA 2013-15 Plan" means Company's "2013-15 Energy Efficiency Plan" submitted in File No. EO-2012-0142 and its corresponding tariff sheets.

"MEEIA 2016-18 Plan" means Company's "2016-18 Energy Efficiency Plan" submitted in File No. EO-2015-0055 and modified by the Stipulation.

"Programs" means MEEIA 2016-18 programs listed in tariff sheet no. 174 and added in accordance with the Commission's rule 4 CSR 240-20.094(4).

"Program Costs" means any prudently incurred program expenditures, including such items as program planning, program design, administration, delivery, end-use measures and incentive payments, advertising expense, evaluation, measurement and verification, market potential studies and work on a utility and/or statewide Technical Resource Manual (TRM).

"TRM" means the Company's Technical Resource Manual (attached as Appendix F to the Stipulation) and updated based on EM&V ex-post gross adjustments determined for Year 1 no later than twenty-four (24) months after commencement of MEEIA 2016-18.

"Stipulation" means the Stipulation and Agreement approved by the Commission in File No. EO-2015-0055, as it may be amended further by subsequent Commission orders.

CANCELLED  
May 18, 2017  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2017-0202

FILED  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2016-0198

RIDER EEIC  
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)  
For MEEIA Cycle 2 Plan

TD DETERMINATION (Cont'd.)

c. For Measures under the -Business Custom Incentive Program, Business New Construction Incentive Program, and Business Retro-Commissioning Program, the ME will be the annual value attributable to the installations reported monthly by the program implementer.

CM = Current calendar month.

CAS = Cumulative sum of MAS of all prior calendar months for each End Use Category for the MEEIA 2016-18 Plan.

PM = Prior calendar month.

RB = Rebasing Adjustment. The RB shall equal the CAS applicable as of the date used for MEEIA normalization when base rates are adjusted in any general electric rate case or otherwise resulting in new retail electric rates becoming effective during the accrual and collection of TD pursuant to this MEEIA 2016-18 Plan. In the event base rates are adjusted by more than one general electric rate case or otherwise resulting in new rates becoming effective during the accrual and collection of TD pursuant to this MEEIA 2016-18 Plan occurs, the RB adjustment shall include each and every prior RB adjustment calculation.

LS = Load Shape. The LS is the monthly load shape percent (%) for each End-Use Category (attached as Appendix E to the Stipulation).

\*NMR = Net Margin Revenue. NMR values for each applicable Service Classification are as follows:

Month	Service Classifications				
	1(M)Res \$/kWh	2(M)SGS \$/kWh	3(M)LGS \$/kWh	4(M)SPS \$/kWh	11(M)LPS \$/kWh
January	0.047640	0.051510	0.039208	0.039679	0.032205
February	0.048358	0.051361	0.040171	0.040327	0.034811
March	0.050250	0.053864	0.041181	0.040935	0.033627
April	0.052130	0.056283	0.041883	0.040619	0.033490
May	0.054358	0.058034	0.042811	0.042414	0.034512
June	0.109291	0.095491	0.082589	0.082629	0.059935
July	0.109291	0.095491	0.081263	0.081994	0.062387
August	0.109291	0.095491	0.081614	0.082803	0.061130
September	0.109291	0.095491	0.081939	0.082068	0.061869
October	0.051354	0.056247	0.041868	0.041285	0.035011
November	0.054399	0.057698	0.042226	0.041439	0.034514
December	0.050066	0.054705	0.040610	0.040618	0.033040

CANCELLED  
 August 1, 2018  
 Missouri Public  
 Service Commission  
 ER-2018-0362; YE-2019-0004

FILED  
 Missouri Public  
 Service Commission  
 ER-2016-0179; YE-2017-0173

\* Indicates Change.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2016-0179.  
 DATE OF ISSUE March 8, 2017 DATE EFFECTIVE April 1, 2017

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

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**  
**For MEEIA Cycle 2 Plan**

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

c. For Measures under the -Business Custom Incentive Program, Business New Construction Incentive Program, and Business Retro-Commissioning Program, the ME will be the annual value attributable to the installations reported monthly by the program implementer.

CM = Current calendar month.

CAS = Cumulative sum of MAS of all prior calendar months for each End Use Category for the MEEIA 2016-18 Plan.

PM = Prior calendar month.

RB = Rebasing Adjustment. The RB shall equal the CAS applicable as of the date used for MEEIA normalization when base rates are adjusted in any general electric rate case or otherwise resulting in new retail electric rates becoming effective during the accrual and collection of TD pursuant to this MEEIA 2016-18 Plan. In the event base rates are adjusted by more than one general electric rate case or otherwise resulting in new rates becoming effective during the accrual and collection of TD pursuant to this MEEIA 2016-18 Plan occurs, the RB adjustment shall include each and every prior RB adjustment calculation.

LS = Load Shape. The LS is the monthly load shape percent (%) for each End-Use Category (attached as Appendix E to the Stipulation).

NMR = Net Margin Revenue. NMR values for each applicable Service Classification are as follows:

Month	Service Classifications				
	1 (M) Res \$/kWh	2 (M) SGS \$/kWh	3 (M) LGS \$/kWh	4 (M) SPS \$/kWh	11 (M) LPS \$/kWh
January	0.043434	0.048788	0.036637	0.034915	0.029993
February	0.044138	0.048894	0.037264	0.035047	0.030043
March	0.045304	0.051013	0.038341	0.035644	0.031535
April	0.046874	0.054946	0.039250	0.036748	0.030815
May	0.049491	0.059735	0.040815	0.038016	0.031955
June	0.103908	0.090608	0.077915	0.072737	0.058070
July	0.103908	0.090608	0.075872	0.072470	0.059464
August	0.103908	0.090608	0.076876	0.071831	0.057987
September	0.103908	0.090608	0.076056	0.071710	0.058871
October	0.047785	0.056412	0.039397	0.036715	0.032203
November	0.049057	0.057213	0.039835	0.036993	0.032565
December	0.044989	0.052135	0.038004	0.035835	0.030688

CANCELLED  
 April 1, 2017  
 Missouri Public  
 Service Commission  
 ER-2016-0179; YE-2017-0173

FILED  
 Missouri Public  
 Service Commission  
 EO-2015-0055; YE-2016-0198

DATE OF ISSUE February 5, 2016 DATE EFFECTIVE March 6, 2016

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

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.8

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

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC  
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)  
For MEEIA Cycle 2 Plan

TD DETERMINATION (Cont'd.)

The Company shall file an update to NMR rates by month by Service Classification contemporaneous with filing any compliance tariff sheets in any general electric rate case reflecting the rates set in that case, and the billing determinants used in setting rates in such case. Updates to the NMR values shall be calculated following the same process described on pages 32-35 of the Company's filed December 22, 2014 2016-18 Energy Efficiency Plan.

NTGF = Net To Gross Factor. The initial NTGF is 0.85. Upon completion of the three year cycle, the final portfolio Net To Gross factor applied for the Earnings Opportunity shall be used as the NTGF prospectively starting with the month in which the Earnings Opportunity is determined.

Annual kWh savings per measure will be updated prospectively in the Company's TRM no later than twenty-four (24) months after the commencement of the plan based on EM&V ex-post gross adjustments determined for Year 1.

The Company shall file a general electric rate case at some point before February 28, 2021 to make a Rebasing Adjustment to rebase the TD arising from the MEEIA 2016-18 plan in its entirety, and if Company fails to do so, the accrual and collection of the TD terminates beginning March 1, 2021. The filing of a general electric rate case utilizing an update or true-up period that ends between thirty (30) months and sixty (60) months after the effective date of the electric tariff sheets implementing MEEIA 2016-18 satisfies this requirement. For the rate case used to rebase the TD arising from the MEEIA 2016-18 plan in its entirety, the MEEIA normalization shall reach forward as far as the effective date of new rates in that rate case.

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

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**  
**For MEEIA Cycle 2 Plan**

**EO DETERMINATION**

EO shall be calculated using the matrix below. EO will not go below zero dollars (\$0). The EO at 100% is \$27,471,935. Before adjustments reflecting TD EM&V including NTG, the EO cannot go above \$38,783,516. The EO including adjustments reflecting TD EM&V including NTG cannot go above \$53,783,516. The cap is based on current program levels. If Commission approved new programs are added in years 2017 and 2018, the Company may seek Commission approval to have the targets and the cap of the EO matrix scale adjusted. EO shall be adjusted for the difference, with carrying cost at the Company's monthly Allowance for Funds Used During Construction (AFUDC) rate compounded semi-annually, between TD billed and what TD billed would have been if:

- (1) The ME used in the calculation were the normalized savings for each measure at customer meter per measure determined through EM&V ex-post gross analysis for each program year, and
- (2) The NTGF used in the calculation was the net-to-gross values determined through EM&V, except that if the NTGF value determined through EM&V is less than 0.80, the recalculation shall use 0.80 and if the NTG value determined through EM&V is greater than 1.0, the recalculation shall use 1.0.

**EARNINGS OPPORTUNITY MATRIX**

Performance Metric	Ameren Missouri						
	Payout Rate	Payout Unit	% of Target EO	100% payout	Target @ 100%	Cap/100% Multiplier	Cap
Home Energy Report criteria will be effective, prudent spend of budget	n/a		7.28%	\$ 2,000,000			\$ 2,000,000
EE MWh (Excl. Home Energy Report, TStat & LIMF): criteria will be the cumulative of the 1st yr incremental MWh during the 3 year plan	\$ 7.50	\$/MWh	14.09%	\$ 3,871,935	516,258	130%	\$ 5,033,516
EE Coincident MW (Excl. Home Energy Report, TStat & LIMF): criteria will be cumulative of the 2023 MW reduction, coincident with system peak	\$141,428.57	\$/MW	72.07%	\$ 19,800,000	140	150%	\$ 29,700,000
Number of Learning Thermostats Installed	\$ 30.62	\$/Unit	1.82%	\$ 500,000	16,331	150%	\$ 750,000
Low Income Multi-Family (LIMF): criteria will be effective, prudent spend of budget	n/a		4.73%	\$ 1,300,000			\$ 1,300,000
<b>Total Cap Including TD Adjustments</b>				<b>\$ 27,471,935</b>			<b>\$ 38,783,516</b>
							\$ 53,783,516

CANCELLED  
 May 18, 2017  
 Missouri Public  
 Service Commission  
 EO-2015-0055; YE-2017-0202

FILED  
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 EO-2015-0055; YE-2016-0198

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

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.10

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

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC  
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)  
For MEEIA Cycle 2 Plan

FILING

The Company shall make a Rider EEIC filing each calendar year to be effective for the subsequent calendar year's February billing month. The Company is allowed or may be ordered by the Commission to make one other Rider EEIC filing in each calendar year with such subsequent filing to be effective beginning with either the June or October billing month. Rider EEIC filings shall be made at least sixty (60) days prior to their effective dates.

PRUDENCE REVIEWS

A prudence review shall be conducted no less frequently than at twenty-four (24) month intervals in accordance with 4 CSR 240-20.093(10). Any costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider EEIC shall be addressed through an adjustment in the next EEIR determination and reflected in factor OA herein.

FILED  
Missouri Public  
Service Commission  
EO-2015-0055; YE-2016-0198

CANCELLED  
February 1, 2020  
Missouri Public  
Service Commission  
ER-2020-0147; YE-2020-0090

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 5th Revised SHEET NO. 91.11

CANCELLING MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 91.11

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

\* (Applicable To Determination of EEIR Beginning February, 2019 through the Billing Month of May 2019)

**MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.000000	\$0.000000	\$0.000039	\$0.000000
2(M)-Small General Service	\$0.000000	\$0.000000	\$0.000055	\$0.000000
3(M)-Large General Service	\$0.000000	\$0.000000	\$0.000112	\$0.000000
4(M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000094	\$0.000000
11(M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000185	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	(\$0.000614)	\$0.001109	\$0.000000	\$0.000005
2(M)-Small General Service	\$0.000580	\$0.002301	\$0.000000	(\$0.000002)
3(M)-Large General Service	\$0.000584	\$0.001802	\$0.000000	(\$0.000002)
4(M)-Small Primary Service	\$0.000598	\$0.001492	\$0.000000	(\$0.000002)
11(M)-Large Primary Service	\$0.000687	\$0.000648	\$0.000000	(\$0.000002)
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	(\$0.000614)	\$0.001109	\$0.000039	\$0.000005	\$0.000539
2(M)-Small General Service	\$0.000580	\$0.002301	\$0.000055	(\$0.000002)	\$0.002934
3(M)-Large General Service	\$0.000584	\$0.001802	\$0.000112	(\$0.000002)	\$0.002496
4(M)-Small Primary Service	\$0.000598	\$0.001492	\$0.000094	(\$0.000002)	\$0.002182
11(M)-Large Primary Service	\$0.000687	\$0.000648	\$0.000185	(\$0.000002)	\$0.001518
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\*Indicates Change

CANCELLED  
February 1, 2020  
Missouri Public  
Service Commission  
ER-2020-0147; YE-2020-0090

DATE OF ISSUE March 25, 2019 DATE EFFECTIVE May 25, 2019

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

FILED  
Missouri Public  
Service Commission  
ER-2019-0291; YE-2019-0172



**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 91.11

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 91.11

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Determination of EEIR Beginning February, 2019 through the Billing Month of January 2020)

**MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M)-Residential Service	\$0.000000	\$0.000000	\$0.000039	\$0.000000
2 (M)-Small General Service	\$0.000000	\$0.000000	\$0.000055	\$0.000000
3 (M)-Large General Service	\$0.000000	\$0.000000	\$0.000112	\$0.000000
4 (M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000094	\$0.000000
11 (M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000185	\$0.000000
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M)-Residential Service	(\$0.000614)	\$0.001109	\$0.000000	\$0.000005
2 (M)-Small General Service	\$0.000580	\$0.002301	\$0.000000	(\$0.000002)
3 (M)-Large General Service	\$0.000584	\$0.001802	\$0.000000	(\$0.000002)
4 (M)-Small Primary Service	\$0.000598	\$0.001492	\$0.000000	(\$0.000002)
11 (M)-Large Primary Service	\$0.000687	\$0.000648	\$0.000000	(\$0.000002)
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1 (M)-Residential Service	(\$0.000614)	\$0.001109	\$0.000039	\$0.000005	<b>\$0.000539</b>
2 (M)-Small General Service	\$0.000580	\$0.002301	\$0.000055	(\$0.000002)	<b>\$0.002934</b>
3 (M)-Large General Service	\$0.000584	\$0.001802	\$0.000112	(\$0.000002)	<b>\$0.002496</b>
4 (M)-Small Primary Service	\$0.000598	\$0.001492	\$0.000094	(\$0.000002)	<b>\$0.002182</b>
11 (M)-Large Primary Service	\$0.000687	\$0.000648	\$0.000185	(\$0.000002)	<b>\$0.001518</b>
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	<b>\$0.000000</b>

CANCELLED  
May 25, 2019  
Missouri Public  
Service Commission

ER-2019-0291; YE-2019-0172

DATE OF ISSUE November 20, 2018 DATE EFFECTIVE January 25, 2019

ISSUED BY Michael Moehn President **FILED** Missouri Public St. Louis, Missouri  
NAME OF OFFICER TITLE **Service Commission** ADDRESS

ER-2019-0151; YE-2019-0095

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 91.11

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.11

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Determination of EEIR Beginning February, 2018 through the Billing Month of January 2019)

**MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M)-Residential Service	\$0.000000	\$0.000000	\$0.000666	\$0.000000
2 (M)-Small General Service	\$0.000000	\$0.000000	\$0.000253	\$0.000000
3 (M)-Large General Service	\$0.000000	\$0.000000	\$0.000455	\$0.000000
4 (M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000453	\$0.000000
11 (M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000644	\$0.000000
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M)-Residential Service	\$0.002029	\$0.001064	\$0.000000	(\$0.000074)
2 (M)-Small General Service	\$0.003122	\$0.001126	\$0.000000	(\$0.000002)
3 (M)-Large General Service	\$0.003136	\$0.000897	\$0.000000	(\$0.000002)
4 (M)-Small Primary Service	\$0.003166	\$0.001127	\$0.000000	(\$0.000002)
11 (M)-Large Primary Service	\$0.003136	\$0.000140	\$0.000000	(\$0.000002)
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1 (M)-Residential Service	\$0.002029	\$0.001064	\$0.000666	(\$0.000074)	<b>\$0.003685</b>
2 (M)-Small General Service	\$0.003122	\$0.001126	\$0.000253	(\$0.000002)	<b>\$0.004499</b>
3 (M)-Large General Service	\$0.003136	\$0.000897	\$0.000455	(\$0.000002)	<b>\$0.004486</b>
4 (M)-Small Primary Service	\$0.003166	\$0.001127	\$0.000453	(\$0.000002)	<b>\$0.004744</b>
11 (M)-Large Primary Service	\$0.003136	\$0.000140	\$0.000644	(\$0.000002)	<b>\$0.003918</b>
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	<b>\$0.000000</b>

CANCELLED  
January 25, 2019  
Missouri Public  
Service Commission

DATE OF ISSUE November 21, 2017

DATE EFFECTIVE January 25, 2018

ISSUED BY Michael Moehn  
NAME OF OFFICER

President  
TITLE

St. Louis, Missouri  
ADDRESS

FILED  
Missouri Public  
Service Commission  
ER-2018-0144, YE-2018-0063

ER-2019-0151; YE-2019-0095

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.11

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.11

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Determination of EEIR Beginning February, 2017 through the Billing Month of January 2018)

**MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.000000	\$0.000000	\$0.000631	\$0.000000
2(M)-Small General Service	\$0.000000	\$0.000000	\$0.000241	\$0.000000
3(M)-Large General Service	\$0.000000	\$0.000000	\$0.000439	\$0.000000
4(M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000462	\$0.000000
11(M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000601	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.001991	\$0.001270	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.001060	\$0.000527	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.001080	\$0.000545	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.001078	\$0.001096	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.001037	\$0.001421	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.001991	\$0.001270	\$0.000631	\$0.000000	\$0.003892
2(M)-Small General Service	\$0.001060	\$0.000527	\$0.000241	\$0.000000	\$0.001828
3(M)-Large General Service	\$0.001080	\$0.000545	\$0.000439	\$0.000000	\$0.002064
4(M)-Small Primary Service	\$0.001078	\$0.001096	\$0.000462	\$0.000000	\$0.002636
11(M)-Large Primary Service	\$0.001037	\$0.001421	\$0.000601	\$0.000000	\$0.003059
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

CANCELLED  
January 25, 2018  
Missouri Public  
Service Commission  
ER-2018-0144, YE-2018-0063

DATE OF ISSUE November 22, 2016 DATE EFFECTIVE January 26, 2017

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

FILED  
ER-2017-0149; YE-2017-0079

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.11

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.11

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Determination of EEIR Beginning March 1, 2016 through the Billing Month of January 2017)

**MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	(\$0.000807)	(\$0.000248)	\$0.000000	\$0.000000
2(M)-Small General Service	(\$0.000208)	\$0.000757	\$0.000000	\$0.000000
3(M)-Large General Service	(\$0.000174)	\$0.001112	\$0.000000	\$0.000000
4(M)-Small Primary Service	(\$0.000148)	\$0.001597	\$0.000000	\$0.000000
11(M)-Large Primary Service	(\$0.000089)	\$0.001504	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.001902	\$0.000191	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.001618	\$0.000045	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.001618	\$0.000062	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.001618	\$0.000062	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.001618	\$0.000060	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.001095	(\$0.000057)	\$0.000000	\$0.000000	\$0.001038
2(M)-Small General Service	\$0.001410	\$0.000802	\$0.000000	\$0.000000	\$0.002212
3(M)-Large General Service	\$0.001444	\$0.001174	\$0.000000	\$0.000000	\$0.002618
4(M)-Small Primary Service	\$0.001470	\$0.001659	\$0.000000	\$0.000000	\$0.003129
11(M)-Large Primary Service	\$0.001529	\$0.001564	\$0.000000	\$0.000000	\$0.003093
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

DATE OF ISSUE March 24, 2016 DATE EFFECTIVE May 25, 2016

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

ER-2016-0242, YE-2016-0244

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 91.11

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

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

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Determination of EEIR Beginning March 1, 2016 through the Billing Month of January 2017)

**MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M)-Residential Service	(\$0.000807)	(\$0.000248)	\$0.000000	\$0.000000
2 (M)-Small General Service	(\$0.000208)	\$0.000757	\$0.000000	\$0.000000
3 (M)-Large General Service	(\$0.000174)	\$0.001112	\$0.000000	\$0.000000
4 (M)-Small Primary Service	(\$0.000148)	\$0.001597	\$0.000000	\$0.000000
11 (M)-Large Primary Service	(\$0.000089)	\$0.001504	\$0.000000	\$0.000000
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M)-Residential Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
2 (M)-Small General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
3 (M)-Large General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
4 (M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
11 (M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1 (M)-Residential Service	(\$0.000807)	(\$0.000248)	\$0.000000	\$0.000000	<b>(\$0.001055)</b>
2 (M)-Small General Service	(\$0.000208)	\$0.000757	\$0.000000	\$0.000000	<b>\$0.000549</b>
3 (M)-Large General Service	(\$0.000174)	\$0.001112	\$0.000000	\$0.000000	<b>\$0.000938</b>
4 (M)-Small Primary Service	(\$0.000148)	\$0.001597	\$0.000000	\$0.000000	<b>\$0.001449</b>
11 (M)-Large Primary Service	(\$0.000089)	\$0.001504	\$0.000000	\$0.000000	<b>\$0.001415</b>
12 (M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	<b>\$0.000000</b>

CANCELLED DATE OF ISSUE February 5, 2016

DATE EFFECTIVE March 6, 2016

May 25, 2016

Missouri Public ISSUED BY

Michael Moehn

President

FILED

Missouri Public

St. Louis, Missouri

Service Commission

NAME OF OFFICER

TITLE

Service Commission

ADDRESS

ER-2016-0242, YE-2016-0244

EO-2015-0055; YE-2016-0198

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE**  
**For MEEIA 2019-21 Plan**

**APPLICABILITY**

This Rider EEIC - Energy Efficiency Investment Charge (Rider EEIC) is applicable to all kilowatt-hours (kWh) of energy supplied to customers served under Company's Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 11(M), and 12(M), excluding kWh of energy supplied to "opt-out" or "Low-income" customers.

An Ameren Missouri Low-income customer who has received assistance from Missouri Energy Assistance (a.k.a. Low Income Home Energy Assistance Program or LIHEAP), Winter Energy Crisis Intervention Program, or Summer Energy Crisis Intervention Program and (i) whose account has not automatically been exempt from Rider EEIC, or (ii) who has been charged Rider EEIC charges and whose account has not been credited for said charges, may provide the Company, via facsimile to **866.297.8054**, via email to [myhomeamerenmissouri@ameren.com](mailto:myhomeamerenmissouri@ameren.com), or via regular mail to **Ameren Missouri, P.O. Box 790098, St. Louis, MO 63179-0098**

- a. documentation of the assistance received in the form of:
  - i. a copy of the Division of Social Services Family Support Division ("DSSFSD") form EA-7 energy assistance payment notice received by the Low-income customer, or
  - ii. a copy of the DSSFSD LIHEAP Energy Assistance direct payment check received by the Low-income customer, or
  - iii. a copy of the Contract Agency energy crisis intervention program ("ECIP") payment notification letter received by the Low-income customer, or
  - iv. a printout of the Low-income customer's DSSFSD LIHEAP EA EIRG System Registration screen identifying the supplier, benefit amount and payment processing date.
- b. Upon receipt of the documentation, the Company will credit the Low-income customer's account within 12 billing months following the documented receipt of energy assistance for:
  - i. energy efficiency investment charges, and
  - ii. any municipal charges attributable to said EEIC charges that were previously charged to the Low-income customer;
- c. Upon receipt of the documentation, for the remainder of the 12 months following the documented receipt of energy assistance, the Company will exempt such Low-income customer from any Rider EEIC charges thereafter imposed. The exemption will be evidenced on the Low-income customer's bill as an EEIC charge, followed by a credit.

Charges passed through this Rider EEIC reflect the charges approved to be billed from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) 2019-21 Plan and any remaining unrecovered balances from the MEEIA 2016-18 Plan. Those charges include:

FILED  
Missouri Public  
Service Commission  
JE-2020-0023

DATE OF ISSUE August 2, 2019 DATE EFFECTIVE September 1, 2019

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

CANCELLED - Missouri Public Service Commission - 09/02/2023 - EO-2018-0211 - YE-2024-0018

RIDER EEIC  
ENERGY EFFICIENCY INVESTMENT CHARGE  
For MEEIA 2019-21 Plan

APPLICABILITY

This Rider EEIC - Energy Efficiency Investment Charge (Rider EEIC) is applicable to all kilowatt-hours (kWh) of energy supplied to customers served under Company's Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 11(M), and 12(M), excluding kWh of energy supplied to "opt-out" or "Low-income" customers.

An Ameren Missouri Low-income customer who has received assistance from Missouri Energy Assistance (a.k.a. Low Income Home Energy Assistance Program or LIHEAP), Winter Energy Crisis Intervention Program, or Summer Energy Crisis Intervention Program and (i) whose account has not automatically been exempt from Rider EEIC, or (ii) who has been charged Rider EEIC charges and whose account has not been credited for said charges, may provide the Company, via facsimile to **866.297.8054**, via email to [myhomeamerenmissouri@ameren.com](mailto:myhomeamerenmissouri@ameren.com), or via regular mail to **Ameren Missouri, P.O. Box 790352, St. Louis, MO 63179-0352**

- a. documentation of the assistance received in the form of:
  - i. a copy of the Division of Social Services Family Support Division ("DSSFSD") form EA-7 energy assistance payment notice received by the Low-income customer, or
  - ii. a copy of the DSSFSD LIHEAP Energy Assistance direct payment check received by the Low-income customer, or
  - iii. a copy of the Contract Agency energy crisis intervention program ("ECIP") payment notification letter received by the Low-income customer, or
  - iv. a printout of the Low-income customer's DSSFSD LIHEAP EA EIRG System Registration screen identifying the supplier, benefit amount and payment processing date.
- b. Upon receipt of the documentation, the Company will credit the Low-income customer's account within 12 billing months following the documented receipt of energy assistance for:
  - i. energy efficiency investment charges, and
  - ii. any municipal charges attributable to said EEIC charges that were previously charged to the Low-income customer;
- c. Upon receipt of the documentation, for the remainder of the 12 months following the documented receipt of energy assistance, the Company will exempt such Low-income customer from any Rider EEIC charges thereafter imposed. The exemption will be evidenced on the Low-income customer's bill as an EEIC charge, followed by a credit.

Charges passed through this Rider EEIC reflect the charges approved to be billed from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) 2019-21 Plan and any remaining unrecovered balances from the MEEIA 2016-18 Plan. Those charges include:

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 Missouri Public  
 Service Commission  
 EO-2018-0211; YE-2019-0133

CANCELLED  
 September 1, 2019  
 Missouri Public  
 Service Commission  
 JE-2020-0023

DATE OF ISSUE	December 21, 2018	DATE EFFECTIVE	January 20, 2019
ISSUED BY	Michael Moehn	President	St. Louis, Missouri
	NAME OF OFFICER	TITLE	ADDRESS

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

**APPLICABILITY (Cont'd.)**

- 1) Program Costs, Company's Throughput Disincentive (TD) and Earnings Opportunity Award (if any) for each Effective Period (EP).
- 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this Rider EEIC and total actual monthly amounts for:
  - i) Program Costs incurred in the MEEIA 2019-21 Plan and/or remaining unrecovered Program Cost balances for MEEIA 2016-18;
  - ii) Company's TD incurred in the MEEIA 2019-21 Plan and/or remaining unrecovered TD balances for MEEIA 2016-18;
  - iii) Amortization of Earnings Opportunity Award ordered by the Missouri Public Service Commission (Commission) for the MEEIA 2019-21 Plan and/or remaining unrecovered EO balances for MEEIA 2016-18.
- 3) Any Ordered Adjustments.

Charges under this Rider EEIC shall continue after the anticipated December 31, 2021 end of the non-low-income portions of the MEEIA 2019-21 Plan and after December 31, 2024 for the low-income portion of the MEEIA 2019-21 Plan until such time as the charges described in items 1), 2), and 3) above have been billed. Any programs and/or balance associated with the low-income portions of the MEEIA 2019-21 Plan may be rolled into the recovery mechanism for an approved MEEIA program that commences in 2022.

Charges arising from the MEEIA 2019-21 Plan that are the subject of this Rider EEIC shall be reflected in one "Energy Efficiency Invest Chg" on customers' bills in combination with any charges arising from a rider that is applicable to previous MEEIA plans.

**DEFINITIONS**

As used in this Rider EEIC, the following definitions shall apply:

"Deemed Savings Table" means 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, as outlined in Appendix F to the MEEIA 2019-21 Plan and updated as provided for herein based on EM&V *ex-post* gross adjustments.

"Earnings Opportunity Award" (EO) means the dollar amount calculated for each Program Year by the EO Calculator as described in the Earnings Opportunity Award Determination section below.

"Effective Period" (EP) means the billing months for which an approved EEIR is to be effective, i. e., the 12 billing months beginning with the February billing month and ending with the January billing month unless here is an additional Rider EEIC filing is made to change the Energy Efficiency Investment Rate components during a calendar year, the EP for such a filing shall begin with the June or October billing month and end with the subsequent January billing month.

"End Use Category" means the unique summary category of end-use load shapes. The list of End Use Categories is included in Appendix G to the MEEIA 2019-21 Plan.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133

CANCELLED  
February 1, 2020  
Missouri Public  
Service Commission  
ER-2020-0147; YE-2020-0090

DATE OF ISSUE	<u>December 21, 2018</u>	DATE EFFECTIVE	<u>January 20, 2019</u>
ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS



APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

DEFINITIONS (Cont'd.)

"Incremental Internal Labor Cost and Associated Benefits" (IIL) means the labor costs and associated benefits of personnel 1) hired by Ameren Missouri after Commission approval of the MEEIA 2019-21 Plan that were (a) not hired to replace an Ameren Missouri or Ameren Services Company employee whose labor and benefit costs were accounted for in Ameren Missouri's prior general rate proceeding, (b) hired by Ameren Missouri and assigned exclusively to support Ameren Missouri's MEEIA Programs; and 2) were not an Ameren Missouri or Ameren Services Company employee whose labor and benefit costs were accounted for in Ameren Missouri's prior general rate proceeding.

"Evaluation Measurement & Verification" (EM&V) means the performance of studies and activities intended to evaluate the process of the Company's Program delivery and oversight and to estimate and/or verify the estimated actual energy and demand savings, cost effectiveness, and other effects from demand-side Programs.

"Incentive" means any consideration provided by the Company, including, but not limited to, buy downs, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of Program Measures.

"Low-Income" customers means those Service Classification 1(M) residential customers eligible for the low income exemption provisions contained in Section 393.1075.6, RSMo. As approved in File No. ER-2014-0258, customers eligible under this definition will be exempt from Rider EEIC charges for 12 billing months following assistance received from either Missouri Energy Assistance (a.k.a. Low Income Home Energy Assistance Program or LIHEAP), Winter Energy Crisis Intervention Program, Summer Energy Crisis Intervention Program, the Company's Keeping Current Low Income Pilot Program, and/or the Company's Keeping Cool Low Income Pilot Program.

"Measure" means the same as defined in 4 CSR 240-20.092(1)FF.

"MEEIA 2016-18 Plan" means Company's "2016-18 Energy Efficiency Plan" approved in File No. EO-2015-0055.

"MEEIA 2019-21 Plan" means Company's "2019-21 MEEIA Energy Efficiency Plan" approved in File No. EO-2018-0211 as may be amended.

"Programs" means MEEIA 2019-21 programs listed in tariff sheet nos. 174 and 174.1.

"Program Costs" means any prudently incurred Program expenditures, including such items as Program planning, education Programs, Program design, administration, delivery, end-use Measures and Incentive payments, advertising expense, EM&V, market potential studies, work on a Company and/or statewide Technical Resource Manual, and IIL.

"Program Year" means the period of Programs that ends on December 31 of each year of the MEEIA 2019-21 Plan. The first Program Year will be 10 months long and each subsequent Program Year will be 12 months long.

"TRM" means the Company's Technical Resource Manual (attached as Appendices G-I to the MEEIA 2019-21 Plan) and updated based on EM&V ex-post gross adjustments.

CANCELLED - Missouri Public Service Commission - 09/02/2023 - EO-2018-0211 - YE-2024-0018

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133

DATE OF ISSUE December 21, 2018 DATE EFFECTIVE January 20, 2019  
ISSUED BY Michael Moehn President St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.19

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.19

APPLYING TO MISSOURI SERVICE AREA

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

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

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

Month	Service Classifications	
	1 (M) Res \$/kWh	2 (M) SGS \$/kWh
January	0.051041	0.055283
February	0.051569	0.055595
March	0.052598	0.057380
April	0.054791	0.063914
May	0.056398	0.068912
June	0.115657	0.099557
July	0.115657	0.099557
August	0.115657	0.099557
September	0.115657	0.099557
October	0.055871	0.063349
November	0.055909	0.063200
December	0.052723	0.059422

Month	MISC./AIR COMP./ PROCESS/MOTORS			COOLING			EXT LIGHTING		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.037309	0.037862	0.029121	0.037989	0.038909	0.020648	0.029585	0.027383	0.022197
February	0.037735	0.038270	0.028996	0.038844	0.039213	0.020648	0.029943	0.026421	0.022083
March	0.038400	0.038303	0.030049	0.039697	0.039617	0.020648	0.030326	0.026467	0.020893
April	0.039986	0.039909	0.029556	0.047394	0.049125	0.030579	0.031985	0.027631	0.021997
May	0.041888	0.041752	0.031981	0.053057	0.059047	0.046979	0.032126	0.027195	0.020916
June	0.078059	0.075856	0.053500	0.096769	0.100907	0.078361	0.052953	0.042217	0.023053
July	0.073399	0.072593	0.053107	0.088381	0.090298	0.062687	0.049581	0.041651	0.022516
August	0.075392	0.073981	0.054892	0.092608	0.095770	0.073023	0.050102	0.041998	0.023172
September	0.074381	0.072086	0.055126	0.096898	0.101619	0.086083	0.051369	0.041888	0.023124
October	0.040178	0.040322	0.035233	0.048348	0.052329	0.034047	0.031073	0.026916	0.020895
November	0.040493	0.040530	0.033248	0.047795	0.045545	0.020648	0.031452	0.026819	0.020675
December	0.038907	0.037974	0.031798	0.040001	0.041320	0.020648	0.030643	0.026338	0.020853

\*Indicates Change.

FILED  
 Missouri Public  
 Service Commission  
 ER-2021-0240; YE-2022-0222

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2021-0240. **February 28, 2022**  
 DATE OF ISSUE February 14, 2022 DATE EFFECTIVE ~~March 16, 2022~~  
 ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

CANCELLED - Missouri Public Service Commission - 07/09/2023 - ER-2022-0337 - YE-2023-0222

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.19

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.19

APPLYING TO MISSOURI SERVICE AREA

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

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

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

Month	Service Classifications	
	1(M)Res \$/kWh	2(M)SGS \$/kWh
January	0.044375	0.053661
February	0.045622	0.055252
March	0.047230	0.057794
April	0.047618	0.058522
May	0.049702	0.061238
June	0.104792	0.090992
July	0.104792	0.090992
August	0.104792	0.090992
September	0.104792	0.090992
October	0.046772	0.059083
November	0.049328	0.060646
December	0.046037	0.056723

Month	MISC./AIR COMP./ PROCESS/MOTORS			COOLING			EXT LIGHTING		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.032900	0.032612	0.026759	0.025861	0.023079	0.018069	0.025881	0.024801	0.019697
February	0.033629	0.033309	0.027253	0.026528	0.023200	0.018069	0.026544	0.023220	0.019747
March	0.034622	0.033845	0.027386	0.027113	0.023356	0.018069	0.027131	0.023622	0.018321
April	0.033775	0.034296	0.027399	0.037753	0.036687	0.028390	0.028126	0.024779	0.019553
May	0.036715	0.036755	0.031260	0.049020	0.055877	0.046776	0.028293	0.023963	0.018366
June	0.068381	0.067156	0.053324	0.085725	0.089526	0.077183	0.045440	0.037585	0.020588
July	0.066040	0.065258	0.050240	0.079928	0.081437	0.059184	0.044249	0.037499	0.020010
August	0.068091	0.066149	0.049954	0.083828	0.086016	0.065846	0.045361	0.037610	0.020626
September	0.066093	0.064668	0.050927	0.086550	0.091348	0.077816	0.045532	0.037858	0.020587
October	0.035712	0.035715	0.032402	0.038227	0.036561	0.031288	0.027123	0.023675	0.018308
November	0.036135	0.035963	0.030643	0.027736	0.023477	0.018069	0.027875	0.023669	0.018096
December	0.033574	0.031724	0.028852	0.026528	0.023245	0.018069	0.026684	0.023265	0.018274

CANCELLED  
 February 28, 2022  
 Missouri Public  
 Service Commission \* Indicates Change.  
 ER-2021-0240; YE-2022-0222

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.19

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

APPLYING TO MISSOURI SERVICE AREA

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

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

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

Month	Service Classifications	
	1(M)Res \$/kWh	2(M)SGS \$/kWh
January	0.040912	0.048845
February	0.042255	0.050525
March	0.044016	0.053255
April	0.047279	0.056875
May	0.048669	0.058104
June	0.103081	0.089681
July	0.103081	0.089681
August	0.103081	0.089681
September	0.103081	0.089681
October	0.044204	0.054614
November	0.047620	0.056771
December	0.044224	0.054182

Month	MISC./AIR COMP./ PROCESS/MOTORS			COOLING			EXT LIGHTING		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.028837	0.029367	0.022321	0.020434	0.018259	0.012194	0.020459	0.020099	0.014092
February	0.030424	0.028156	0.023022	0.021371	0.016681	0.012194	0.021389	0.016704	0.014169
March	0.027963	0.029522	0.023028	0.020814	0.018474	0.024788	0.020832	0.018730	0.012477
April	0.031394	0.029638	0.023969	0.036473	0.033537	0.025435	0.024082	0.020250	0.014023
May	0.033144	0.031688	0.022296	0.047361	0.050122	0.038579	0.023474	0.019354	0.009123
June	0.067466	0.063761	0.047784	0.085470	0.085609	0.070991	0.043839	0.035239	0.016554
July	0.064869	0.062199	0.047090	0.079600	0.077784	0.056470	0.041855	0.034766	0.015981
August	0.064941	0.062284	0.048728	0.080858	0.081328	0.065873	0.042049	0.034934	0.016664
September	0.064744	0.061714	0.050555	0.086388	0.088530	0.080601	0.043088	0.035014	0.016628
October	0.031406	0.030110	0.026031	0.035669	0.032810	0.026007	0.022105	0.018803	0.012432
November	0.031883	0.029601	0.025073	0.036271	0.018471	0.025714	0.022845	0.018645	0.012223
December	0.031376	0.029519	0.024128	0.021906	0.018622	0.012194	0.022103	0.018646	0.012434

FILED  
 Missouri Public  
 Service Commission  
 EO-2018-0211; YE-2019-0133

CANCELLED  
 April 1, 2020  
 Missouri Public  
 Service Commission  
 ER-2019-0335; YE-2020-0164

DATE OF ISSUE December 21, 2018 DATE EFFECTIVE January 20, 2019  
 ISSUED BY Michael Moehn President St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.20

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.20

APPLYING TO MISSOURI SERVICE AREA

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

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

Month	HVAC/BUILDING SHELL			LIGHTING			REFRIG.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.040160	0.044258	0.034141	0.038845	0.040167	0.030648	0.036127	0.036018	0.027630
February	0.041162	0.043584	0.033355	0.039110	0.040316	0.029906	0.036473	0.036333	0.027564
March	0.042527	0.043881	0.032818	0.039933	0.040568	0.031117	0.037089	0.037147	0.029700
April	0.042640	0.043124	0.030006	0.042049	0.043178	0.032096	0.039087	0.038649	0.029179
May	0.047013	0.049967	0.039079	0.044007	0.044923	0.034242	0.040485	0.039657	0.030497
June	0.095857	0.099685	0.077214	0.082470	0.081758	0.058727	0.074873	0.071591	0.050507
July	0.087962	0.089771	0.062258	0.077553	0.077189	0.056832	0.070266	0.068379	0.047402
August	0.092042	0.095052	0.072377	0.079730	0.079470	0.058724	0.072265	0.070027	0.050280
September	0.093056	0.096576	0.080800	0.076447	0.074792	0.057965	0.071320	0.068070	0.050914
October	0.043665	0.046002	0.034237	0.042173	0.043266	0.038826	0.038855	0.038376	0.033203
November	0.044188	0.044788	0.041385	0.042112	0.043156	0.034846	0.039157	0.038571	0.030951
December	0.041579	0.043465	0.030730	0.040073	0.039748	0.032697	0.037668	0.036103	0.030261

Month	COOK.			DHW			HEAT.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.038309	0.038790	0.028787	0.037960	0.037747	0.027586	0.038061	0.041205	0.034141
February	0.038568	0.039440	0.028711	0.038076	0.038658	0.027537	0.038934	0.040433	0.033374
March	0.039270	0.040865	0.032619	0.038562	0.040170	0.031768	0.040449	0.040971	0.033221
April	0.042201	0.043346	0.032873	0.041709	0.042594	0.032106	0.041125	0.040950	0.033129
May	0.043770	0.044565	0.033993	0.043366	0.043942	0.033545	0.041331	0.040859	0.030651
June	0.083546	0.083197	0.060467	0.083459	0.083081	0.062476	0.052466	0.041567	0.022435
July	0.078424	0.078469	0.053040	0.078426	0.077269	0.050458	0.049122	0.041016	0.022435
August	0.080909	0.080961	0.058612	0.080837	0.080870	0.057805	0.049611	0.041378	0.022435
September	0.078895	0.078001	0.061331	0.077884	0.076676	0.059940	0.076653	0.075063	0.058249
October	0.041924	0.042894	0.038235	0.041547	0.042325	0.038202	0.040395	0.040543	0.036738
November	0.041909	0.043184	0.033287	0.041629	0.042594	0.032144	0.041298	0.039838	0.042414
December	0.040132	0.039292	0.033829	0.039898	0.038570	0.033377	0.039199	0.039428	0.030735

Month	OFFICE			VENT		
	3M	4M	11M	3M	4M	11M
January	0.037286	0.038071	0.029552	0.036081	0.036558	0.028162
February	0.037561	0.037999	0.028928	0.036454	0.036269	0.027610
March	0.038187	0.038071	0.029822	0.037074	0.036538	0.028433
April	0.039892	0.039801	0.029494	0.039225	0.038787	0.029095
May	0.041760	0.041566	0.031849	0.040794	0.040117	0.030815
June	0.076344	0.073561	0.051306	0.074454	0.071029	0.049180
July	0.071827	0.070685	0.052198	0.070473	0.068997	0.050253
August	0.073708	0.071853	0.053187	0.072308	0.070082	0.051634
September	0.071698	0.068567	0.051435	0.070775	0.067355	0.050164
October	0.040076	0.040178	0.035084	0.039165	0.038832	0.033621
November	0.040238	0.040078	0.032832	0.038925	0.038057	0.030410
December	0.038433	0.037453	0.030533	0.037820	0.036716	0.030011

\*Indicates Change.

FILED  
 Missouri Public  
 Service Commission  
 ER-2021-0240; YE-2022-0222

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2021-0240. **February 28, 2022**  
 DATE OF ISSUE February 14, 2022 DATE EFFECTIVE ~~March 16, 2022~~  
 ISSUED BY Mark C. Birk Chairman & President St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

CANCELLED - Missouri Public Service Commission - 07/09/2023 - ER-2022-0337 - YE-2023-0222

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.20

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.20

APPLYING TO MISSOURI SERVICE AREA

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

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

Month	HVAC/BUILDING SHELL			LIGHTING			REFRIG.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.034640	0.038339	0.031730	0.034154	0.034350	0.028287	0.031757	0.031025	0.025268
February	0.036376	0.037276	0.032064	0.034537	0.034615	0.028269	0.032324	0.031559	0.025719
March	0.038793	0.038233	0.030006	0.035791	0.035557	0.028425	0.033226	0.033444	0.027040
April	0.034113	0.033239	0.027835	0.035679	0.037511	0.029861	0.033493	0.033976	0.027033
May	0.042518	0.045739	0.039120	0.038560	0.039603	0.033858	0.035508	0.035005	0.029512
June	0.084877	0.088426	0.076134	0.072455	0.072404	0.058526	0.065449	0.055448	0.050269
July	0.079539	0.080952	0.058800	0.069884	0.069434	0.053755	0.063150	0.061512	0.044695
August	0.083309	0.085358	0.065285	0.072041	0.071117	0.053427	0.065251	0.062669	0.045773
September	0.083042	0.086756	0.073496	0.067956	0.067096	0.053491	0.063332	0.061168	0.047068
October	0.035901	0.035979	0.031467	0.037663	0.038461	0.035627	0.034427	0.033943	0.030495
November	0.038133	0.034794	0.037912	0.037126	0.037867	0.032129	0.034856	0.034333	0.028386
December	0.034440	0.034887	0.027827	0.033944	0.032253	0.029716	0.032491	0.030253	0.027377

Month	COOK.			DHW			HEAT.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.033317	0.032232	0.026424	0.033896	0.030868	0.025223	0.034640	0.038340	0.031731
February	0.033644	0.033331	0.026935	0.033889	0.032405	0.025691	0.036391	0.037298	0.032084
March	0.034613	0.036345	0.029822	0.034447	0.035561	0.029033	0.039224	0.038760	0.030380
April	0.036261	0.038190	0.030592	0.036945	0.037340	0.029871	0.036453	0.036565	0.030831
May	0.038356	0.039289	0.033580	0.039467	0.038724	0.033069	0.035633	0.035091	0.029693
June	0.073451	0.073688	0.060207	0.073371	0.073584	0.062138	0.045009	0.037016	0.019928
July	0.070691	0.070597	0.050174	0.070692	0.069507	0.047691	0.043836	0.036937	0.019928
August	0.073116	0.072469	0.053325	0.073050	0.072387	0.052594	0.044944	0.037067	0.019928
September	0.070168	0.069982	0.056531	0.069254	0.068789	0.055276	0.068142	0.067339	0.053748
October	0.037338	0.038002	0.035099	0.038316	0.037496	0.035069	0.037690	0.038499	0.033761
November	0.036955	0.038397	0.030680	0.038210	0.037851	0.029561	0.038654	0.035365	0.038768
December	0.034237	0.031730	0.030777	0.035224	0.030961	0.030358	0.034444	0.034893	0.027832

Month	OFFICE			VENT		
	3M	4M	11M	3M	4M	11M
January	0.032964	0.033103	0.027191	0.031426	0.031522	0.025799
February	0.033396	0.032974	0.027177	0.032013	0.030991	0.025768
March	0.034302	0.033567	0.027161	0.032890	0.031910	0.025782
April	0.033729	0.034260	0.027339	0.033430	0.033711	0.026952
May	0.036608	0.036591	0.031105	0.035766	0.035296	0.029886
June	0.066802	0.065117	0.051097	0.065063	0.062870	0.048893
July	0.064588	0.063533	0.049365	0.063340	0.062005	0.047494
August	0.066562	0.064227	0.048408	0.065290	0.062630	0.047000
September	0.063673	0.061513	0.047550	0.062841	0.060431	0.046374
October	0.035672	0.035658	0.032262	0.034778	0.034402	0.030888
November	0.035710	0.035164	0.030237	0.033876	0.032368	0.027854
December	0.032831	0.030960	0.027638	0.032515	0.030851	0.027136

CANCELLED  
 February 28, 2022  
 Missouri Public  
 Service Commission  
 ER-2021-0240; YE-2022-0222

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

Indicates Change.

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 91.20

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

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

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

**MISSOURI SERVICE AREA**

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

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

Month	HVAC/BUILDING SHELL			LIGHTING			REFRIG.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.030917	0.034631	0.028109	0.030337	0.030348	0.024101	0.027471	0.026660	0.020583
February	0.033918	0.032668	0.028694	0.031578	0.029642	0.024224	0.028762	0.026023	0.021209
March	0.031923	0.032861	0.026006	0.029073	0.030255	0.024219	0.026635	0.028083	0.022631
April	0.031832	0.028600	0.024521	0.033868	0.032836	0.027072	0.031028	0.029251	0.023497
May	0.039836	0.040345	0.030636	0.035269	0.034421	0.025065	0.031754	0.029905	0.020457
June	0.084589	0.084532	0.069979	0.071685	0.068874	0.052904	0.064432	0.060088	0.044804
July	0.079186	0.077313	0.056050	0.068940	0.066079	0.050737	0.061809	0.058246	0.041439
August	0.080331	0.080699	0.065254	0.068929	0.067052	0.052405	0.062076	0.058860	0.044228
September	0.082673	0.083918	0.075671	0.066718	0.064139	0.053394	0.061824	0.058139	0.046254
October	0.031611	0.030361	0.025126	0.033523	0.032705	0.029243	0.030010	0.028407	0.024185
November	0.034071	0.028774	0.032796	0.032968	0.031579	0.026602	0.030481	0.028224	0.022780
December	0.032547	0.033151	0.022975	0.031876	0.029846	0.025098	0.029911	0.027204	0.022469

Month	COOK.			DHW			HEAT.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.029335	0.028072	0.021931	0.028914	0.026605	0.020530	0.030918	0.034632	0.028109
February	0.030444	0.028181	0.022646	0.029624	0.027128	0.021175	0.033936	0.032692	0.028717
March	0.027954	0.031021	0.025800	0.026900	0.030259	0.024917	0.032333	0.033374	0.026423
April	0.034623	0.033511	0.027992	0.033877	0.032666	0.027083	0.034872	0.031897	0.028295
May	0.035035	0.034118	0.024764	0.034614	0.033575	0.024223	0.031898	0.030089	0.020648
June	0.072717	0.070125	0.054609	0.072634	0.070024	0.056577	0.043387	0.034696	0.015898
July	0.069795	0.067217	0.047024	0.069797	0.066151	0.044496	0.041418	0.034215	0.015898
August	0.070017	0.068352	0.052298	0.069950	0.068273	0.051532	0.041611	0.034412	0.015898
September	0.069062	0.067034	0.056678	0.068093	0.065836	0.055321	0.066915	0.064383	0.053671
October	0.033170	0.032272	0.028720	0.032781	0.031795	0.028691	0.033552	0.032740	0.027396
November	0.032781	0.032064	0.025111	0.032649	0.031565	0.023978	0.034641	0.029296	0.033757
December	0.032272	0.029187	0.026321	0.032145	0.028226	0.025832	0.032552	0.033158	0.022980

Month	OFFICE			VENT		
	3M	4M	11M	3M	4M	11M
January	0.028912	0.029008	0.022823	0.027075	0.027309	0.021202
February	0.030128	0.027775	0.022932	0.028366	0.025517	0.021266
March	0.027659	0.028321	0.022770	0.026315	0.026726	0.021190
April	0.031335	0.029612	0.023893	0.030946	0.029067	0.023391
May	0.033021	0.031531	0.022134	0.032051	0.030286	0.020851
June	0.065832	0.061780	0.045606	0.064034	0.059606	0.043470
July	0.063333	0.060295	0.046200	0.062011	0.058795	0.044294
August	0.063397	0.060440	0.047069	0.062115	0.058907	0.045558
September	0.062184	0.058580	0.046787	0.061305	0.057503	0.045482
October	0.031362	0.030056	0.025896	0.030392	0.028873	0.024566
November	0.031416	0.029112	0.024666	0.029407	0.026561	0.022237
December	0.030371	0.028225	0.022762	0.029943	0.028088	0.022198

FILED  
 Missouri Public  
 Service Commission  
 EO-2018-0211; YE-2019-0133

CANCELLED  
 April 1, 2020  
 Missouri Public  
 Service Commission  
 ER-2019-0335; YE-2020-0164

DATE OF ISSUE December 21, 2018

DATE EFFECTIVE January 20, 2019

ISSUED BY Michael Moehn  
 NAME OF OFFICER

President  
 TITLE

St. Louis, Missouri  
 ADDRESS

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

TD DETERMINATION (Cont'd.)

The Company shall file an update to NMR rates by month by Service Classification and by end-use category contemporaneous with filing any compliance tariff sheets in any general electric rate case reflecting the rates set in that case, and the billing determinants used in setting rates in such case. Updates to the NMR values shall be calculated following the same process described in the Marginal Rate Analysis section of the MEEIA 2019-21 Plan.

- \* NTGF = Net-To-Gross Factor. For each Program Year, all TD calculations will assume a NTGF of 0.85 until such time as a NTGF is determined through EM&V for that Program Year. Thereafter, for each given Program Year, the NTGF determined through EM&V will be used prospectively starting with the month in which the Earnings Opportunity Award is determined. The NTGF for the 2022 and 2023 Program Years will be 0.825.

Annual kWh savings per Measure will be updated prospectively in the Company's TRM and Deemed Savings Table.

\* EARNINGS OPPORTUNITY AWARD DETERMINATION

An Earnings Opportunity Award shall be calculated for each Program Year using the EO Calculator submitted with the MEEIA 2019-21 Plan as Appendix N except for the 2022 and 2023 Program Years where the Earnings Opportunity Award will be determined as described in Company's Application for MEEIA Extension and the terms set forth in item ten (10) of the Unanimous Stipulation and Agreement Regarding The Implementation Certain MEEIA Programs Through Plan Year 2022 and item (11) of the Non-Unanimous Stipulation And Agreement Regarding The Implementation Certain Meeia Programs Through Plan Year 2023 And Motion For Expedited Treatment in File No. EO-2018-0211. The Earnings Opportunity Award will not go below zero dollars (\$0). If Commission-approved new programs are added to the Program, the Company may seek Commission approval to have the targets and the cap of the Earnings Opportunity Award adjusted. For each Program Year the Earnings Opportunity Award shall be adjusted for the difference, with carrying cost at the Company's monthly short-term interest rate, between TD revenues billed resulting from the application of the EEIR and what those revenues would have been if:

- (1) The ME used in the calculation were the normalized savings for each Measure at customer meter per Measure determined through EM&V *ex-post* gross analysis for each Program Year, and
- (2) The NTGF used in the calculation was the net-to-gross values determined through EM&V except that for the 2022 and 2023 Program Years the NTGF will remain 0.825.

FILING

The Company shall make a Rider EEIC filing each calendar year to be effective for application to the usage on and after the first date of the subsequent February. The Company is allowed or may be ordered by the Commission to make one other Rider EEIC filing in each calendar year with such subsequent filing to be effective the first day of June or October. Rider EEIC filings shall be made at least 60 days prior to their effective dates.

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0154

DATE OF ISSUE November 19, 2021 DATE EFFECTIVE December 19, 2021

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

CANCELLED - Missouri Public Service Commission - 09/02/2023 - EO-2018-0211 - YE-2024-0018



APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

TD DETERMINATION (Cont'd.)

The Company shall file an update to NMR rates by month by Service Classification and by end-use category contemporaneous with filing any compliance tariff sheets in any general electric rate case reflecting the rates set in that case, and the billing determinants used in setting rates in such case. Updates to the NMR values shall be calculated following the same process described in the Marginal Rate Analysis section of the MEEIA 2019-21 Plan.

- \* NTGF = Net-To-Gross Factor. For each Program Year, all TD calculations will assume a NTGF of 0.85 until such time as a NTGF is determined through EM&V for that Program Year. Thereafter, for each given Program Year, the NTGF determined through EM&V will be used prospectively starting with the month in which the Earnings Opportunity Award is determined. The NTGF for the 2022 Program Year will be 0.825.

Annual kWh savings per Measure will be updated prospectively in the Company's TRM and Deemed Savings Table.

\* EARNINGS OPPORTUNITY AWARD DETERMINATION

An Earnings Opportunity Award shall be calculated for each Program Year using the EO Calculator submitted with the MEEIA 2019-21 Plan as Appendix N except for the 2022 Program Year where the Earnings Opportunity Award will be determined as described in Company's Application for MEEIA Extension and the terms set forth in item ten (10) of the Unanimous Stipulation and Agreement Regarding The Implementation Certain MEEIA Programs Through Plan Year 2022 in File No. EO-2018-0211. The Earnings Opportunity Award will not go below zero dollars (\$0). If Commission-approved new programs are added to the Program, the Company may seek Commission approval to have the targets and the cap of the Earnings Opportunity Award adjusted. For each Program Year the Earnings Opportunity Award shall be adjusted for the difference, with carrying cost at the Company's monthly short-term interest rate, between TD revenues billed resulting from the application of the EEIR and what those revenues would have been if:

- (1) The ME used in the calculation were the normalized savings for each Measure at customer meter per Measure determined through EM&V *ex-post* gross analysis for each Program Year, and
- (2) The NTGF used in the calculation was the net-to-gross values determined through EM&V except that for the 2022 Program Year the NTGF will remain 0.825.

FILING

The Company shall make a Rider EEIC filing each calendar year to be effective for application to the usage on and after the first date of the subsequent February. The Company is allowed or may be ordered by the Commission to make one other Rider EEIC filing in each calendar year with such subsequent filing to be effective the first day of June or October. Rider EEIC filings shall be made at least 60 days prior to their effective dates.

CANCELLED  
December 19, 2021  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2022-0154

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

\*Indicates Change.

DATE OF ISSUE November 18, 2020 DATE EFFECTIVE December 18, 2020

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

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

TD DETERMINATION (Cont'd.)

The Company shall file an update to NMR rates by month by Service Classification and by end-use category contemporaneous with filing any compliance tariff sheets in any general electric rate case reflecting the rates set in that case, and the billing determinants used in setting rates in such case. Updates to the NMR values shall be calculated following the same process described in the Marginal Rate Analysis section of the MEEIA 2019-21 Plan.

NTGF = Net-To-Gross Factor. For each Program Year, all TD calculations will assume a NTGF of 0.85 until such time as a NTGF is determined through EM&V for that Program Year. Thereafter, for each given Program Year, the NTGF determined through EM&V will be used prospectively starting with the month in which the Earnings Opportunity Award is determined.

Annual kWh savings per Measure will be updated prospectively in the Company's TRM and Deemed Savings Table.

EARNINGS OPPORTUNITY AWARD DETERMINATION

An Earnings Opportunity Award shall be calculated for each Program Year using the EO Calculator submitted with the MEEIA 2019-21 Plan as Appendix N. The Earnings Opportunity Award will not go below zero dollars (\$0). If Commission-approved new programs are added to the Program, the Company may seek Commission approval to have the targets and the cap of the Earnings Opportunity Award adjusted. For each Program Year the Earnings Opportunity Award shall be adjusted for the difference, with carrying cost at the Company's monthly short-term interest rate, between TD revenues billed resulting from the application of the EEIR and what those revenues would have been if:

- (1) The ME used in the calculation were the normalized savings for each Measure at customer meter per Measure determined through EM&V *ex-post* gross analysis for each Program Year, and
- (2) The NTGF used in the calculation was the net-to-gross values determined through EM&V.

\*FILING

The Company shall make a Rider EEIC filing each calendar year to be effective for application to the usage on and after the first date of the subsequent February. The Company is allowed or may be ordered by the Commission to make one other Rider EEIC filing in each calendar year with such subsequent filing to be effective the first day of June or October. Rider EEIC filings shall be made at least 60 days prior to their effective dates.

PRUDENCE REVIEWS

A prudence review shall be conducted no less frequently than at 24-month intervals in accordance with 20 CSR 4240-20.093(11). Any costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider EEIC shall be addressed through an adjustment in the next EEIR determination and reflected in factor OA herein.

CANCELLED  
December 18, 2020  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
ER-2020-0147; YE-2020-0090

DATE OF ISSUE November 22, 2019 DATE EFFECTIVE ~~January 21, 2020~~ February 1, 2020

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

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

TD DETERMINATION (Cont'd.)

The Company shall file an update to NMR rates by month by Service Classification and by end-use category contemporaneous with filing any compliance tariff sheets in any general electric rate case reflecting the rates set in that case, and the billing determinants used in setting rates in such case. Updates to the NMR values shall be calculated following the same process described in the Marginal Rate Analysis section of the MEEIA 2019-21 Plan.

NTGF = Net-To-Gross Factor. For each Program Year, all TD calculations will assume a NTGF of 0.85 until such time as a NTGF is determined through EM&V for that Program Year. Thereafter, for each given Program Year, the NTGF determined through EM&V will be used prospectively starting with the month in which the Earnings Opportunity Award is determined.

Annual kWh savings per Measure will be updated prospectively in the Company's TRM and Deemed Savings Table.

EARNINGS OPPORTUNITY AWARD DETERMINATION

An Earnings Opportunity Award shall be calculated for each Program Year using the EO Calculator submitted with the MEEIA 2019-21 Plan as Appendix N. The Earnings Opportunity Award will not go below zero dollars (\$0). If Commission-approved new programs are added to the Program, the Company may seek Commission approval to have the targets and the cap of the Earnings Opportunity Award adjusted. For each Program Year the Earnings Opportunity Award shall be adjusted for the difference, with carrying cost at the Company's monthly short-term interest rate, between TD revenues billed resulting from the application of the EEIR and what those revenues would have been if:

- (1) The ME used in the calculation were the normalized savings for each Measure at customer meter per Measure determined through EM&V *ex-post* gross analysis for each Program Year, and
- (2) The NTGF used in the calculation was the net-to-gross values determined through EM&V.

FILING

The Company shall make a Rider EEIC filing each calendar year to be effective for the subsequent calendar year's February billing month. The Company is allowed or may be ordered by the Commission to make one other Rider EEIC filing in each calendar year with such subsequent filing to be effective beginning with either the June or October billing month. Rider EEIC filings shall be made at least 60 days prior to their effective dates.

PRUDENCE REVIEWS

A prudence review shall be conducted no less frequently than at 24-month intervals in accordance with 4 CSR 240-20.093(11). Any costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider EEIC shall be addressed through an adjustment in the next EEIR determination and reflected in factor OA herein.

FILED  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2019-0133

CANCELLED  
February 1, 2020  
Missouri Public  
Service Commission  
ER-2020-0147; YE-2020-0090

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 91.22

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.22

APPLYING TO MISSOURI SERVICE AREA

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

\* PRUDENCE REVIEWS

A prudence review shall be conducted no less frequently than at 24-month intervals in accordance with 20 CSR 4240-20.093(11). Any costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this Rider EEIC shall be addressed through an adjustment in the next EEIR determination and reflected in factor OA herein.

CANCELLED - Missouri Public Service Commission - 09/02/2023 - EO-2018-0211 - YE-2024-0018

\*Indicates Reissue.

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

DATE OF ISSUE November 18, 2020 DATE EFFECTIVE December 18, 2020

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.22

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.22

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

\* (Applicable To Service Provided Beginning June 2019 through January 31, 2020)

**MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.000000	\$0.000000	\$0.000039	\$0.000000
2(M)-Small General Service	\$0.000000	\$0.000000	\$0.000055	\$0.000000
3(M)-Large General Service	\$0.000000	\$0.000000	\$0.000112	\$0.000000
4(M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000094	\$0.000000
11(M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000185	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	(\$0.000614)	\$0.001109	\$0.000000	\$0.000005
2(M)-Small General Service	\$0.000580	\$0.002301	\$0.000000	(\$0.000002)
3(M)-Large General Service	\$0.000584	\$0.001802	\$0.000000	(\$0.000002)
4(M)-Small Primary Service	\$0.000598	\$0.001492	\$0.000000	(\$0.000002)
11(M)-Large Primary Service	\$0.000687	\$0.000648	\$0.000000	(\$0.000002)
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.003679	\$0.000357	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.002247	\$0.000239	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.002247	\$0.000181	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.002247	\$0.000179	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.002247	\$0.000065	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.003065	\$0.001466	\$0.000039	\$0.000005	\$0.004575
2(M)-Small General Service	\$0.002827	\$0.002540	\$0.000055	(\$0.000002)	\$0.005420
3(M)-Large General Service	\$0.002831	\$0.001983	\$0.000112	(\$0.000002)	\$0.004924
4(M)-Small Primary Service	\$0.002845	\$0.001671	\$0.000094	(\$0.000002)	\$0.004608
11(M)-Large Primary Service	\$0.002934	\$0.000713	\$0.000185	(\$0.000002)	\$0.003830
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\*Indicates Change.

CANCELLED  
December 18, 2020  
Missouri Public  
Service Commission  
EO-2018-0211; YE-2021-0119

DATE OF ISSUE November 22, 2019

DATE EFFECTIVE January 27, 2020  
~~January 21, 2020~~

ISSUED BY Michael Moehn President Missouri Public Service Commission St. Louis, Missouri  
NAME OF OFFICER TITLE ADDRESS  
ER-2020-0147; YE-2020-0090

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.22

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.22

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Determination of EEIR Beginning June 2019 through the Billing Month of January 2020)

**\*MEEIA 2013-15 EEIR Components (Applicable to MEEIA Cycle 1 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.000000	\$0.000000	\$0.000039	\$0.000000
2(M)-Small General Service	\$0.000000	\$0.000000	\$0.000055	\$0.000000
3(M)-Large General Service	\$0.000000	\$0.000000	\$0.000112	\$0.000000
4(M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000094	\$0.000000
11(M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000185	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**\*MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	(\$0.000614)	\$0.001109	\$0.000000	\$0.000005
2(M)-Small General Service	\$0.000580	\$0.002301	\$0.000000	(\$0.000002)
3(M)-Large General Service	\$0.000584	\$0.001802	\$0.000000	(\$0.000002)
4(M)-Small Primary Service	\$0.000598	\$0.001492	\$0.000000	(\$0.000002)
11(M)-Large Primary Service	\$0.000687	\$0.000648	\$0.000000	(\$0.000002)
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**\*\*MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.003679	\$0.000357	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.002247	\$0.000239	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.002247	\$0.000181	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.002247	\$0.000179	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.002247	\$0.000065	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**\*\*Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.003065	\$0.001466	\$0.000039	\$0.000005	\$0.004575
2(M)-Small General Service	\$0.002827	\$0.002540	\$0.000055	(\$0.000002)	\$0.005420
3(M)-Large General Service	\$0.002831	\$0.001983	\$0.000112	(\$0.000002)	\$0.004924
4(M)-Small Primary Service	\$0.002845	\$0.001671	\$0.000094	(\$0.000002)	\$0.004608
11(M)-Large Primary Service	\$0.002934	\$0.000713	\$0.000185	(\$0.000002)	\$0.003830
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\*Indicates Reissue. \*\*Indicates Change.

DATE OF ISSUE March 25, 2019 DATE EFFECTIVE May 25, 2019

ISSUED BY Michael Moehn CANCELLED January 27, 2020 Missouri Public Service Commission President FILED Missouri Public Service Commission St. Louis, Missouri  
 NAME OF OFFICER Service Commission TITLE ER-2019-0291; YE-2019-0172 ADDRESS ER-2020-0147; YE-2020-0090

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 91.22

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

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

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

**MISSOURI SERVICE AREA**

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Determination of EEIR Beginning February, 20XX through the Billing Month of January 20XX)

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

CANCELLED  
May 25, 2019  
Missouri Public  
Service Commission  
ER-2019-0291; YE-2019-0172

DATE OF ISSUE December 21, 2018

DATE EFFECTIVE January 20, 2019

ISSUED BY Michael Moehn  
NAME OF OFFICER

**FILED**  
President Missouri Public St. Louis, Missouri  
TITLE Service Commission ADDRESS

EO-2018-0211; YE-2019-0133

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 4th Revised SHEET NO. 91.23

CANCELLING MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 91.23

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Service Provided Beginning February 1, 2022 through January 31, 2023)

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M) -Residential Service	\$0.000000	\$0.000017	\$0.000000	\$0.000000
2 (M) -Small General Service	\$0.000000	\$0.000019	\$0.000000	\$0.000000
3 (M) -Large General Service	\$0.000000	\$0.000007	\$0.000000	\$0.000000
4 (M) -Small Primary Service	\$0.000000	\$0.000004	\$0.000000	\$0.000000
11 (M) -Large Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
*				

**MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M) -Residential Service	\$0.002381	\$0.000877	\$0.000389	\$0.000001
2 (M) -Small General Service	\$0.002486	\$0.000555	\$0.000409	\$0.000000
3 (M) -Large General Service	\$0.002610	\$0.001538	\$0.000416	\$0.000000
4 (M) -Small Primary Service	\$0.002674	\$0.000912	\$0.000424	\$0.000000
11 (M) -Large Primary Service	\$0.002911	\$0.000338	\$0.000598	(\$0.000002)
*				

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1 (M) -Residential Service	\$0.002381	\$0.000894	\$0.000389	\$0.000001	\$0.003665
2 (M) -Small General Service	\$0.002486	\$0.000574	\$0.000409	\$0.000000	\$0.003469
3 (M) -Large General Service	\$0.002610	\$0.001545	\$0.000416	\$0.000000	\$0.004571
4 (M) -Small Primary Service	\$0.002674	\$0.000916	\$0.000424	\$0.000000	\$0.004014
11 (M) -Large Primary Service	\$0.002911	\$0.000338	\$0.000598	(\$0.000002)	\$0.003845
*					

\*Indicates Change.

DATE OF ISSUE August 3, 2023 DATE EFFECTIVE September 2, 2023

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

CANCELLED - Missouri Public Service Commission - 02/01/2024 - ER-2024-0187 - JE-2024-0086

FILED - Missouri Public Service Commission - 09/02/2023 - EO-2018-0211 - YE-2024-0018



**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

3rd Revised

SHEET NO. 91.23

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

2nd Revised

SHEET NO. 91.23

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Service Provided Beginning February 1, 2023 through January 31, 2024)

\* **MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M) -Residential Service	\$0.000000	\$0.000017	\$0.000000	\$0.000000
2 (M) -Small General Service	\$0.000000	\$0.000019	\$0.000000	\$0.000000
3 (M) -Large General Service	\$0.000000	\$0.000007	\$0.000000	\$0.000000
4 (M) -Small Primary Service	\$0.000000	\$0.000004	\$0.000000	\$0.000000
11 (M) -Large Primary Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000
12 (M) -Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\* **MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M) -Residential Service	\$0.002381	\$0.000877	\$0.000389	\$0.000001
2 (M) -Small General Service	\$0.002486	\$0.000555	\$0.000409	\$0.000000
3 (M) -Large General Service	\$0.002610	\$0.001538	\$0.000416	\$0.000000
4 (M) -Small Primary Service	\$0.002674	\$0.000912	\$0.000424	\$0.000000
11 (M) -Large Primary Service	\$0.002911	\$0.000338	\$0.000598	(\$0.000002)
12 (M) -Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\* **Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1 (M) -Residential Service	\$0.002381	\$0.000894	\$0.000389	\$0.000001	\$0.003665
2 (M) -Small General Service	\$0.002486	\$0.000574	\$0.000409	\$0.000000	\$0.003469
3 (M) -Large General Service	\$0.002610	\$0.001545	\$0.000416	\$0.000000	\$0.004571
4 (M) -Small Primary Service	\$0.002674	\$0.000916	\$0.000424	\$0.000000	\$0.004014
11 (M) -Large Primary Service	\$0.002911	\$0.000338	\$0.000598	(\$0.000002)	\$0.003845
12 (M) -Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\*Indicates Change.

DATE OF ISSUE December 1, 2022

DATE EFFECTIVE February 1, 2023

ISSUED BY Mark C. Birk  
NAME OF OFFICER

Chairman & President  
TITLE

St. Louis, Missouri  
ADDRESS

CANCELLED - Missouri Public Service Commission - 09/02/2023 - EO-2018-0211 - YE-2024-0018

FILED - Missouri Public Service Commission - 02/01/2023 - ER-2023-0178 - JE-2023-0097

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.23

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.23

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Service Provided Beginning February 1, 2022 through January 31, 2023)

\* **MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M) -Residential Service	(\$0.000005)	(\$0.000010)	(\$0.000038)	\$0.000001
2 (M) -Small General Service	(\$0.000050)	(\$0.000014)	(\$0.000046)	(\$0.000001)
3 (M) -Large General Service	(\$0.000040)	(\$0.000055)	\$0.000001	\$0.000000
4 (M) -Small Primary Service	(\$0.000032)	(\$0.000041)	\$0.000024	\$0.000000
11 (M) -Large Primary Service	(\$0.000013)	(\$0.000027)	\$0.000138	(\$0.000001)
12 (M) -Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\* **MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M) -Residential Service	\$0.002804	\$0.000632	\$0.000382	(\$0.000009)
2 (M) -Small General Service	\$0.002430	\$0.000775	\$0.000343	(\$0.000007)
3 (M) -Large General Service	\$0.002445	\$0.000562	\$0.000356	(\$0.000007)
4 (M) -Small Primary Service	\$0.002529	\$0.000385	\$0.000369	(\$0.000007)
11 (M) -Large Primary Service	\$0.002438	\$0.000071	\$0.000380	(\$0.000006)
12 (M) -Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\* **Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1 (M) -Residential Service	\$0.002799	\$0.000622	\$0.000344	(\$0.000008)	\$0.003757
2 (M) -Small General Service	\$0.002380	\$0.000761	\$0.000297	(\$0.000008)	\$0.003430
3 (M) -Large General Service	\$0.002405	\$0.000507	\$0.000357	(\$0.000007)	\$0.003262
4 (M) -Small Primary Service	\$0.002497	\$0.000344	\$0.000393	(\$0.000007)	\$0.003227
11 (M) -Large Primary Service	\$0.002425	\$0.000044	\$0.000518	(\$0.000007)	\$0.002980
12 (M) -Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\*Indicates Change.

DATE OF ISSUE December 1, 2021 DATE EFFECTIVE February 1, 2022

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

Missouri Public Service Commission  
 ER-2022-0146; YE-2022-0171

CANCELLED - Missouri Public Service Commission - 02/01/2023 - ER-2023-0178 - JE-2023-0097

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.23

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.23

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Service Provided Beginning February 1, 2021 through January 31, 2022)

\* **MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	(\$0.000058)	(\$0.000283)	\$0.000702	\$0.000001
2(M)-Small General Service	\$0.000135	(\$0.000392)	\$0.000899	(\$0.000001)
3(M)-Large General Service	\$0.000125	(\$0.000221)	\$0.000922	(\$0.000001)
4(M)-Small Primary Service	\$0.000116	(\$0.000118)	\$0.000937	(\$0.000001)
11(M)-Large Primary Service	\$0.000115	\$0.000012	\$0.001192	(\$0.000001)
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\* **MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.003200	\$0.001528	\$0.000228	\$0.000000
2(M)-Small General Service	\$0.003477	\$0.001447	\$0.000246	\$0.000000
3(M)-Large General Service	\$0.003471	\$0.001052	\$0.000244	\$0.000000
4(M)-Small Primary Service	\$0.003458	\$0.000878	\$0.000233	\$0.000000
11(M)-Large Primary Service	\$0.003560	\$0.000475	\$0.000237	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\* **Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.003142	\$0.001245	\$0.000930	\$0.000001	\$0.005318
2(M)-Small General Service	\$0.003612	\$0.001055	\$0.001145	(\$0.000001)	\$0.005811
3(M)-Large General Service	\$0.003596	\$0.000831	\$0.001166	(\$0.000001)	\$0.005592
4(M)-Small Primary Service	\$0.003574	\$0.000760	\$0.001170	(\$0.000001)	\$0.005503
11(M)-Large Primary Service	\$0.003675	\$0.000487	\$0.001429	(\$0.000001)	\$0.005590
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

\*Indicates Change.

DATE OF ISSUE December 3, 2020 DATE EFFECTIVE February 1, 2021

ISSUED BY Martin J. Lyons Chairman & President St. Louis, Missouri

NAME OF OFFICER TITLE ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 91.23

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

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

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC**

**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**

(Applicable To Service Provided Beginning February 1, 2020 through January 31, 2021)

**MEEIA 2016-18 EEIR Components (Applicable to MEEIA Cycle 2 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.000126	\$0.000108	\$0.000822	\$0.000000
2(M)-Small General Service	\$0.000112	\$0.000321	\$0.000806	\$0.000000
3(M)-Large General Service	\$0.000043	\$0.000556	\$0.000833	\$0.000000
4(M)-Small Primary Service	(\$0.000006)	\$0.000541	\$0.000862	\$0.000000
11(M)-Large Primary Service	(\$0.000182)	\$0.000481	\$0.000995	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**MEEIA 2019-21 EEIR Components (Applicable to MEEIA Cycle 3 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1(M)-Residential Service	\$0.002501	\$0.000389	\$0.000000	\$0.000000
2(M)-Small General Service	\$0.002225	\$0.000279	\$0.000000	\$0.000000
3(M)-Large General Service	\$0.002226	\$0.000181	\$0.000000	\$0.000000
4(M)-Small Primary Service	\$0.002249	\$0.000174	\$0.000000	\$0.000000
11(M)-Large Primary Service	\$0.002314	\$0.000237	\$0.000000	\$0.000000
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000

**Summary EEIR Components and Total EEIR**

Service Class	NPC (\$/kWh)	NTD (\$/kWh)	(NEO+NPI) (\$/kWh)	NOA (\$/kWh)	Total EEIR (\$/kWh)
1(M)-Residential Service	\$0.002627	\$0.000497	\$0.000822	\$0.000000	\$0.003946
2(M)-Small General Service	\$0.002337	\$0.000600	\$0.000806	\$0.000000	\$0.003743
3(M)-Large General Service	\$0.002269	\$0.000737	\$0.000833	\$0.000000	\$0.003839
4(M)-Small Primary Service	\$0.002243	\$0.000715	\$0.000862	\$0.000000	\$0.003820
11(M)-Large Primary Service	\$0.002132	\$0.000718	\$0.000995	\$0.000000	\$0.003845
12(M)-Large Transmission Service	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000

CANCELLED  
February 1, 2021  
Missouri Public  
Service Commission  
ER-2021-0158; YE-2021-0131

DATE OF ISSUE January 15, 2020

DATE EFFECTIVE February 1, 2020  
~~March 15, 2020~~

ISSUED BY Martin J. Lyons  
NAME OF OFFICER

Chairman & President  
TITLES

FILED  
Missouri Public  
Service Commission  
ADDRESS  
ER-2020-0147; YE-2020-0090

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 92

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

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

APPLYING TO MISSOURI SERVICE AREA

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THIS SHEET RESERVED FOR FUTURE USE

CANCELLED  
April 1, 2017  
Missouri Public  
Service Commission  
ER-2016-0179; YE-2017-0173

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

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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. 6 Original SHEET NO. 92.2

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

APPLYING TO MISSOURI SERVICE AREA

RIDER SSR  
STANDBY SERVICE RIDER (Cont'd.)

GENERAL PROVISIONS

The contract term shall be one (1) year, automatically renewable, unless usage, plant modifications or additional generation requires a change to Supplemental Contract Capacity or Standby Contract Capacity.

The Company will install and maintain the necessary suitable meters for measurement of service rendered hereunder. The Company may inspect generation logs or other evidence that the customer's generator is being used in accordance with the provisions this Rider.

Power production equipment at the customer site shall not commence parallel operation until after inspection by the Company and a written interconnection agreement is executed. The sale of excess energy to the Company may be included in the interconnection or other agreement.

If at any time customer desires to increase demand above the capacity of Company's facilities used in supplying said service due to plant modifications, customer will sign a new agreement for the full capacity of service required and in accordance with applicable rules governing extension of its distribution system.

In addition to the charges in the applicable rate schedule, customers taking service under this Rider will be subject to the applicable Administrative Charge, Generation and Transmission Access Charges, and the Facilities Charge each month contained herein. If customer chooses the Time-Of-Day (TOD) option under the applicable rate schedule such option will apply to this Rider SSR as well.

Those customers choosing to install more than one (1) generating unit on the same premises will have a twenty five percent (25%) discount applied to the monthly Generation and Transmission Access Charges and Facilities Charges applicable to each additional generator on the same premises.

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

In the event a customer adds distributed generation and/or storage after investments are made by the Company in accordance with the net revenue test described in the Company's line extension policy, the Company may require reimbursement by the customer. Such reimbursement shall be limited to that investment which was incurred within the previous five years and shall be based upon the change in load requirements on the Company's electric system.

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

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

CANCELLED  
February 28, 2022  
Missouri Public  
Service Commission  
ER-2021-0240; YE-2022-0222

FILED  
Missouri Public  
Service Commission  
ER-2016-0179; YE-2017-0173

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2016-0179.  
DATE OF ISSUE March 8, 2017 DATE EFFECTIVE ~~April 7, 2017~~ April 1, 2017  
ISSUED BY Michael Moehn President St. Louis, Missouri  
NAME OF OFFICER ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 3rd Revised SHEET NO. 92.3

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

APPLYING TO MISSOURI SERVICE AREA

RIDER SSR

STANDBY SERVICE RIDER (Cont'd.)

<b>*STANDBY RATE</b>			
	<b>Large General Service</b>	<b>Small Primary Service</b>	<b>Large Primary Service</b>
<b>Standby Fixed Charges</b>			
Administrative Charge	\$187.00/month	\$187.00/month	\$187.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.69/kW	\$0.69/kW	\$0.87/kW
Facilities Charge per month per kW of Contracted Standby Demand:			
Summer	\$4.58/kW	\$3.77/kW	\$3.77/kW
Winter	\$1.19/kW	\$0.85/kW	\$0.85/kW
<b>Daily Standby Demand Rate – Summer</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.04/kW	\$0.04/kW	\$1.09/kW
Maintenance	\$0.02/kW	\$0.02/kW	\$0.55/kW
<b>Daily Standby Demand Rate - Winter</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.02/kW	\$0.02/kW	\$0.51/kW
Maintenance	\$0.01/kW	\$0.01/kW	\$0.25/kW
<b>Back-Up Energy Charges – Summer</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	10.54¢/kWh	10.23¢/kWh	3.57¢/kWh
On-Peak Energy <sup>(2)</sup>	11.68¢/kWh	11.07¢/kWh	4.21¢/kWh
Off-Peak Energy <sup>(2)</sup>	9.89¢/kWh	9.75¢/kWh	3.22¢/kWh
<b>Back-Up Energy Charges – Winter</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	6.62¢/kWh	6.44¢/kWh	3.26¢/kWh
On-Peak Energy <sup>(2)</sup>	6.97¢/kWh	6.75¢/kWh	3.55¢/kWh
Off-Peak Energy <sup>(2)</sup>	6.43¢/kWh	6.26¢/kWh	3.08¢/kWh
<b>High Voltage Facilities Charge Discount</b>			
Facilities Charge Credit per month per kW of Contracted Standby Demand			
@ 34.5 or 69kV	N/A	\$1.24/kW	\$1.24/kW
@ 115kV or higher	N/A	\$1.47/kW	\$1.47/kW

(1) Applicable to customers not on TOD rates.

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

\*Indicates Change.

FILED  
Missouri Public  
Service Commission  
ER-2021-0240; YE-2022-0222

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2021-0240. **February 28, 2022**  
DATE OF ISSUE February 14, 2022 DATE EFFECTIVE ~~March 16, 2022~~

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

CANCELLED - Missouri Public Service Commission - 07/09/2023 - ER-2022-0337 - YE-2023-0222

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 92.3

APPLYING TO MISSOURI SERVICE AREA

**RIDER SSR**

**STANDBY SERVICE RIDER (Cont'd.)**

<b>*STANDBY RATE</b>			
	<b>Large General Service</b>	<b>Small Primary Service</b>	<b>Large Primary Service</b>
<b>Standby Fixed Charges</b>			
Administrative Charge	\$187.00/month	\$187.00/month	\$187.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.65/kW	\$0.65/kW	\$0.78/kW
Facilities Charge per month per kW of Contracted Standby Demand:			
Summer	\$4.15/kW	\$3.40/kW	\$3.40/kW
Winter	\$1.05/kW	\$0.74/kW	\$0.74/kW
<b>Daily Standby Demand Rate – Summer</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.04/kW	\$0.04/kW	\$1.01/kW
Maintenance	\$0.02/kW	\$0.02/kW	\$0.50/kW
<b>Daily Standby Demand Rate - Winter</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.02/kW	\$0.02/kW	\$0.47/kW
Maintenance	\$0.01/kW	\$0.01/kW	\$0.24/kW
<b>Back-Up Energy Charges – Summer</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	9.69¢/kWh	9.41¢/kWh	3.28¢/kWh
On-Peak Energy <sup>(2)</sup>	10.83¢/kWh	10.25¢/kWh	3.92¢/kWh
Off-Peak Energy <sup>(2)</sup>	9.04¢/kWh	8.93¢/kWh	2.93¢/kWh
<b>Back-Up Energy Charges – Winter</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	6.09¢/kWh	5.92¢/kWh	3.00¢/kWh
On-Peak Energy <sup>(2)</sup>	6.44¢/kWh	6.23¢/kWh	3.29¢/kWh
Off-Peak Energy <sup>(2)</sup>	5.90¢/kWh	5.74¢/kWh	2.82¢/kWh
<b>High Voltage Facilities Charge Discount</b>			
Facilities Charge Credit per month per kW of Contracted Standby Demand			
@ 34.5 or 69kV	N/A	\$1.14/kW	\$1.14/kW
@ 115kV or higher	N/A	\$1.35/kW	\$1.35/kW

(1) Applicable to customers not on TOD rates.

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

CANCELLED  
February 28, 2022  
Missouri Public  
Service Commission  
ER-2021-0240; YE-2022-0222

\*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



APPLYING TO MISSOURI SERVICE AREA

RIDER SSR

STANDBY SERVICE RIDER (Cont'd.)

<b>*STANDBY RATE</b>			
	<b>Large General Service</b>	<b>Small Primary Service</b>	<b>Large Primary Service</b>
<b>Standby Fixed Charges</b>			
Administrative Charge	\$187.00/month	\$187.00/month	\$187.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.63/kW	\$0.63/kW	\$0.79/kW
Facilities Charge per month per kW of Contracted Standby Demand:			
Summer	\$3.88/kW	\$3.18/kW	\$3.18/kW
Winter	\$0.97/kW	\$0.68/kW	\$0.68/kW
<b>Daily Standby Demand Rate – Summer</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.04/kW	\$0.04/kW	\$1.05/kW
Maintenance	\$0.02/kW	\$0.02/kW	\$0.53/kW
<b>Daily Standby Demand Rate - Winter</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.02/kW	\$0.02/kW	\$0.51/kW
Maintenance	\$0.01/kW	\$0.01/kW	\$0.25/kW
<b>Back-Up Energy Charges – Summer</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	9.94¢/kWh	9.61¢/kWh	3.32¢/kWh
On-Peak Energy <sup>(2)</sup>	11.11¢/kWh	10.46¢/kWh	3.97¢/kWh
Off-Peak Energy <sup>(2)</sup>	9.27¢/kWh	9.13¢/kWh	2.97¢/kWh
<b>Back-Up Energy Charges – Winter</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	6.25¢/kWh	6.05¢/kWh	2.95¢/kWh
On-Peak Energy <sup>(2)</sup>	6.60¢/kWh	6.37¢/kWh	3.24¢/kWh
Off-Peak Energy <sup>(2)</sup>	6.05¢/kWh	5.88¢/kWh	2.78¢/kWh
<b>High Voltage Facilities Charge Discount</b>			
Facilities Charge Credit per month per kW of Contracted Standby Demand			
@ 34.5 or 69kV	N/A	\$1.23/kW	\$1.23/kW
@ 115kV or higher	N/A	\$1.46/kW	\$1.46/kW

(1) Applicable to customers not on TOD rates.

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

FILED  
Missouri Public  
Service Commission  
ER-2018-0362; YE-2019-0004

\* Indicates Change.

DATE OF ISSUE July 16, 2018

DATE EFFECTIVE ~~August 15, 2018~~ August 1, 2018

ISSUED BY Michael Moehn  
NAME OF OFFICER

President  
TITLE

St. Louis, Missouri  
ADDRESS

RIDER SSR

STANDBY SERVICE RIDER (Cont'd.)

<b>STANDBY RATE</b>			
	<b>Large General Service</b>	<b>Small Primary Service</b>	<b>Large Primary Service</b>
<b>Standby Fixed Charges</b>			
Administrative Charge	\$199.00/month	\$199.00/month	\$199.00/month
Generation and Transmission Access Charge per month per kW of Contracted Standby Demand	\$0.67/kW	\$0.67/kW	\$0.84/kW
Facilities Charge per month per kW of Contracted Standby Demand:			
Summer	\$4.13/kW	\$3.39/kW	\$3.39/kW
Winter	\$1.03/kW	\$0.72/kW	\$0.72/kW
<b>Daily Standby Demand Rate – Summer</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.04/kW	\$0.04/kW	\$1.12/kW
Maintenance	\$0.02/kW	\$0.02/kW	\$0.56/kW
<b>Daily Standby Demand Rate - Winter</b>			
Per kW of Daily Standby Service Demand:			
Back-Up	\$0.02/kW	\$0.02/kW	\$0.54/kW
Maintenance	\$0.01/kW	\$0.01/kW	\$0.27/kW
<b>Back-Up Energy Charges – Summer</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	10.58¢/kWh	10.23¢/kWh	3.54¢/kWh
On-Peak Energy <sup>(2)</sup>	11.83¢/kWh	11.14¢/kWh	4.23¢/kWh
Off-Peak Energy <sup>(2)</sup>	9.87¢/kWh	9.72¢/kWh	3.16¢/kWh
<b>Back-Up Energy Charges – Winter</b>			
kWh in excess of Supplemental Contract Capacity			
Energy <sup>(1)</sup>	6.65¢/kWh	6.44¢/kWh	3.14¢/kWh
On-Peak Energy <sup>(2)</sup>	7.03¢/kWh	6.78¢/kWh	3.45¢/kWh
Off-Peak Energy <sup>(2)</sup>	6.44¢/kWh	6.26¢/kWh	2.96¢/kWh
<b>High Voltage Facilities Charge Discount</b>			
Facilities Charge Credit per month per kW of Contracted Standby Demand			
@ 34.5 or 69kV	N/A	\$1.23/kW	\$1.23/kW
@ 115kV or higher	N/A	\$1.46/kW	\$1.46/kW

(1) Applicable to customers not on TOD rates.

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

CANCELLED  
August 1, 2018  
Missouri Public  
Service Commission  
ER-2018-0362; YE-2019-0004

FILED  
Missouri Public  
Service Commission  
ER-2016-0179; YE-2017-0173

APPLYING TO MISSOURI SERVICE AREA

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

APPLICABILITY

This rider is applicable to all kilowatt-hours (kWh) of energy supplied to all customers served under all of the Company's Service Classifications.

Charges or credits passed through this rider reflect Missouri Renewable Energy Standard (section 393.1030 et. seq., RSMo.) ("RES") Compliance Costs, which consist of prudently incurred costs, both capital and expense, directly related to RES compliance which are not reflected in a regulatory asset arising under Section 393.1400.2, RSMo., and also reflect the pass-through of benefits received as a result of RES compliance to the extent those benefits are not passed through to customers in the Fuel Adjustment Rate under Rider FAC ("RESRAM Benefits"). RES Compliance Costs shall include solar rebates paid under Section 393.1670. The RES costs and benefits subject to inclusion in this rider are costs incurred related to new RES investments placed into service or RES compliance activities initiated on or after the effective date of Mo. P.S.C. Schedule No. 6 Original Sheet No. 93.

The revised RESRAM Rate effective on the date of the rate schedules published as a result of a general rate proceeding shall reset the RESRAM Rate so that it excludes factor RRR, as defined below, except for any portion of RES Compliance Costs or RESRAM Benefits reflected in factor RRR that were not included in the revenue requirement established in that general rate proceeding.

The following items 1 to 3 apply to revised RESRAM rate schedules to adjust the RESRAM Rate other than when the RESRAM Rate is reset upon the effective date of rate schedules published as a result of a general rate proceeding or as a result of an offset adjustment being ordered:

- 1. **Accumulation Period (AP):** the historical calendar months during which RES Compliance Costs and RESRAM Benefits are incurred or received and for which over- or under-recoveries of those costs/benefits (factor ROUR, defined below) are calculated and accumulated through the ROUR. The initial AP under this rider shall begin on the first day of the first month that begins on or after the date this rider becomes effective and shall end on July 31, 2019. Each subsequent AP shall begin on August 1st, and shall end on July 31st of the following year.
- 2. **Recovery Period (RP):** the billing months during which the over-/under-recoveries (factor ROUR) of RES Compliance Costs and RESRAM Benefits from the immediately preceding AP shall be reflected in the RESRAM Rate, along with the actual RES Revenue Requirement (factor RRR, defined below), True-Up Amount (factor T, defined below), and the Ordered Adjustment (factor OA, defined below) for that RP. Each RP shall begin on the first day of the billing month of February following each AP, and shall be in effect for one year until the next RP begins.
- 3. **RESRAM Rate Adjustment Filings:** The Company shall adjust its RESRAM Rate by filing a revised RESRAM Rate Schedule (1) no later than 60 days after the end of each AP to take effect concurrently with the beginning of the February billing month, (2) concurrent with rate schedules effectuating a general rate proceeding as applicable to reset the RESRAM Rate and to update Base Amount unless otherwise ordered, and (3) in compliance with any Commission order as applicable to incorporate an Required Offset Amount ("ROA") as the result of a Commission order.

CANCELLED  
September 22, 2019  
Missouri Public  
Service Commission  
JE-2020-0034

DATE OF ISSUE December 13, 2018      DATE EFFECTIVE ~~January 12, 2019~~ January 1, 2019

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 93

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

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

APPLYING TO MISSOURI SERVICE AREA

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**THIS SHEET RESERVED FOR FUTURE USE**

CANCELLED  
January 1, 2019  
Missouri Public  
Service Commission  
EA-2018-0202; YE-2019-0117

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

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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

APPLYING TO MISSOURI SERVICE AREA

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

RESRAM Rate Schedule

Accumulation Period Ending:		07/31/22
1. Actual RES Costs Incurred in AP (ARC)		\$19,971,040
2. RES Expenses Recovered in AP (RCR)	=	\$10,100,629
=(RBA + sum of monthly MBAs)		
3. RES Over/Under Recovery (ROUR)=	=	\$9,902,188
3.1 Interest	+	\$31,777
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$9,870,411
4. RES Revenue Requirement (RRR)	+	\$0
5. True-Up (T)	+	\$(12,918)
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$9,889,270
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	30,555,292,791 kWh
9. TRR <sub>RATE</sub> = MIN of ((TRR/S <sub>RP</sub> ), (RAC))	=	\$0.00032/kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$0.00032/kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 months if ROA is greater than \$0.00000)	=	\$0.00032/kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

Recovery Period for Above RESRAM Rate

February 1, 2023 to January 31, 2024

Current RBA = \$0

Base Amount File No. ER-2022-0337 = \$7,205,895

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 months and, thereafter, the value shown on Line 10.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2022-0337. July 9, 2023

DATE OF ISSUE June 19, 2023 DATE EFFECTIVE July 19, 2023

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

CANCELLED - Missouri Public Service Commission - 02/01/2024 - ER-2024-0112 - JE-2024-0041

FILED - Missouri Public Service Commission - 06/19/2023 - ER-2022-0337 - YE-2023-0222

APPLYING TO MISSOURI SERVICE AREA

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

RESRAM Rate Schedule

Accumulation Period Ending:		07/31/22
1. Actual RES Costs Incurred in AP (ARC)		\$19,971,040
2. RES Expenses Recovered in AP (RCR)	=	\$10,100,629
=(RBA + sum of monthly MBAs)		
3. RES Over/Under Recovery (ROUR)=	=	\$9,902,188
3.1 Interest	+	\$31,777
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$9,870,411
4. RES Revenue Requirement (RRR)	+	\$687,443
5. True-Up (T)	+	\$(12,918)
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$10,576,713
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	30,555,292,791 kWh
9. TRR <sub>RATE</sub> = MIN of ((TRR/S <sub>RP</sub> ), (RAC))	=	\$0.00035/kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$0.00035/kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 months if ROA is greater than \$0.00000)	=	\$0.00035/kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

Recovery Period for Above RESRAM Rate

February 1, 2023 to January 31, 2024

Current RBA = \$687,443

Base Amount File No. ER-2021-0240 = \$22,402,939

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 months and, thereafter, the value shown on Line 10.

DATE OF ISSUE	<u>September 28, 2022</u>	DATE EFFECTIVE	<u>February 1, 2023</u>
ISSUED BY	<u>Mark C. Birk</u>	TITLE	<u>Chairman &amp; President</u>
	NAME OF OFFICER		ADDRESS
			<u>St. Louis, Missouri</u>

FILED - Missouri Public Service Commission - 02-01-2023 - ER-2023-0117 - YE-2023-0058

CANCELLED - Missouri Public Service Commission - 07/09/2023 - ER-2022-0337 - YE-2023-0222

APPLYING TO MISSOURI SERVICE AREA

**RIDER RESRAM**

**RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM**

RESRAM Rate Schedule

Accumulation Period Ending:		07/31/21
1. Actual RES Costs Incurred in AP (ARC)		\$ (9,560,337)
2. RES Expenses Recovered in AP (RCR)	=	\$5,655,625
=(RBA + sum of monthly MBAs)		
3. RES Over/Under Recovery (ROUR)=	=	\$ (15,215,962)
3.1 Interest	+	\$ (1,087)
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$ (15,217,049)
4. RES Revenue Requirement (RRR)	+	\$0
5. True-Up (T)	+	\$9,630
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$ (15,207,419)
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	30,647,398,000 kWh
9. TRR <sub>RATE</sub> = MIN of ((TRR/S <sub>RP</sub> ), (RAC))	=	\$ (0.00050) /kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$ (0.00050) /kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 months if ROA is greater than \$0.00000)	=	\$ (0.00050) /kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

**Recovery Period for Above RESRAM Rate**

February 1, 2022 to January 31, 2023

**Current RBA = \$0**

Base Amount File No. ER-2021-0240 = \$22,402,939

FILED  
Missouri Public  
Service Commission  
ER-2021-0240; YE-2022-0222

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 months and, thereafter, the value shown on Line 10.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2021-0240.

DATE OF ISSUE February 14, 2022 DATE EFFECTIVE February 28, 2022  
~~March 16, 2022~~

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

CANCELLED - Missouri Public Service Commission - 02/01/2023 - ER-2023-0117 - YE-2023-0058

APPLYING TO MISSOURI SERVICE AREA

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

RESRAM Rate Schedule

Accumulation Period Ending:		07/31/21
1. Actual RES Costs Incurred in AP (ARC)		\$ (9,560,337)
2. RES Expenses Recovered in AP (RCR)	=	\$5,655,625
=(RBA + sum of monthly MBAs)		
3. RES Over/Under Recovery (ROUR)=	=	\$ (15,217,049)
3.1 Interest	+	\$ (1,087)
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$ (15,215,962)
4. RES Revenue Requirement (RRR)	+	\$ (16,660,719)
5. True-Up (T)	+	\$9,630
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$ (31,868,138)
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	30,647,398,000 kWh
9. TRR <sub>RATE</sub> = MIN of ((TRR/S <sub>RP</sub> ), (RAC))	=	\$ (0.00104) /kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$ (0.00104) /kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 months if ROA is greater than \$0.00000)	=	\$ (0.00104) /kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

Recovery Period for Above RESRAM Rate

February 1, 2022 to January 31, 2023

Current RBA = \$ (16,660,719)

Base Amount File No. ER-2019-0335 = \$0.00

CANCELLED  
February 28, 2022  
Missouri Public  
Service Commission  
ER-2021-0240; YE-2022-0222

FILED  
Missouri Public  
Service Commission  
ER-2022-0091; YE-2022-0063

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 months and, thereafter, the value shown on Line 10.

DATE OF ISSUE	<u>September 29, 2021</u>	DATE EFFECTIVE	<u>February 1, 2022</u>
ISSUED BY	<u>Martin J. Lyons</u>	TITLE	<u>Chairman &amp; President</u>
	NAME OF OFFICER		ADDRESS
			<u>St. Louis, Missouri</u>



APPLYING TO MISSOURI SERVICE AREA

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

RESRAM Rate Schedule

Accumulation Period Ending: 07/31/20

1. Actual RES Costs Incurred in AP (ARC)		\$4,076,407
2. RES Expenses Recovered in AP (RCR)	=	\$3,617,421
=(RBA + sum of monthly MBAs)		
3. RES Over/Under Recovery (ROUR)=	=	\$458,986
3.1 Interest	+	\$33,817
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$492,803
4. RES Revenue Requirement (RRR)	+	\$4,076,407
5. True-Up (T)	+	\$542,350
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$5,111,561
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	30,730,452,570 kWh
9. TRR <sub>RATE</sub> = MIN of((TRR/S <sub>RP</sub> ), (RAC))	=	\$0.00017/kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$0.00017/kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 months if ROA is greater than \$0.00000)	=	\$0.00017/kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

Recovery Period for Above RESRAM Rate

February 1, 2021 to January 31, 2022

Current RBA = \$4,076,407

Base Amount File No. ER-2019-0335 = \$0.00

CANCELLED  
February 1, 2022  
Missouri Public  
Service Commission  
ER-2022-0091; YE-2022-0063

FILED  
Missouri Public  
Service Commission  
ER-2021-0090; YE-2021-0086

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 months and, thereafter, the value shown on Line 10.

DATE OF ISSUE	<u>September 29, 2020</u>	DATE EFFECTIVE	<u>February 1, 2021</u>
ISSUED BY	<u>Martin J. Lyons</u>	TITLE	<u>Chairman &amp; President</u>
	NAME OF OFFICER		ADDRESS
			<u>St. Louis, Missouri</u>

APPLYING TO MISSOURI SERVICE AREA

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

RESRAM Rate Schedule

Accumulation Period Ending:		07/31/19
1. Actual RES Costs Incurred in AP (ARC)		\$6,774,827.83
2. RES Expenses Recovered in AP (RCR)		
=(RBA + sum of monthly MBAs)	=	\$0
3. RES Over/Under Recovery (ROUR)=	=	\$6,774,827.83
3.1 Interest	+	\$124,948.67
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$6,899,776.50
4. RES Revenue Requirement (RRR)	+	\$7,234,842.53
5. True-Up (T)	+	\$0
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$14,134,619.03
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	31,846,280,575 kWh
9. TRR <sub>RATE</sub> = MIN of((TRR/S <sub>RP</sub> ), (RAC))	=	\$0.00044/kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$0.00044/kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 months if ROA is greater than \$0.00000)	=	\$0.00044/kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

Recovery Period for Above RESRAM Rate

February 1, 2020 to January 31, 2021

Current RBA = \$7,234,842

Base Amount File No. ER-2016-0179 = \$0.00

CANCELLED  
February 1, 2021  
Missouri Public  
Service Commission  
ER-2021-0090; YE-2021-0086

FILED  
Missouri Public  
Service Commission  
ER-2020-0086; YE-2020-0048

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 months and, thereafter, the value shown on Line 10.

DATE OF ISSUE	<u>September 27, 2019</u>	DATE EFFECTIVE	<u>February 1, 2020</u>
ISSUED BY	<u>Michael Moehn</u>	<u>President</u>	<u>St. Louis, Missouri</u>
	NAME OF OFFICER	TITLE	ADDRESS

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

RESRAM Rate Schedule

Accumulation Period Ending:		mm/dd/yy
1. Actual RES Costs Incurred in AP (ARC)		\$0
2. RES Expenses Recovered in AP (RCR)		
=(RBA + sum of monthly MBAs)	=	\$0
3. RES Over/Under Recovery (ROUR)	=	\$0
3.1 Interest	+	\$0
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$0
4. RES Revenue Requirement (RRR)	+	\$0
5. True-Up (T)	+	\$0
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$0
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	0 kWh
9. TRR <sub>RATE</sub> = MIN of ((TRR/S <sub>RP</sub> ), (RAC))	=	\$0.00000/kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$0.00000/kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 months if ROA is greater than \$0.00000)	=	\$0.00000/kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

Recovery Period for Above RESRAM Rate

\_\_\_ to \_\_\_

Current RBA = \$0

Base Amount File No. ER-2016-0179 = \$0.00

CANCELLED  
February 1, 2020  
Missouri Public  
Service Commission  
ER-2020-0086; YE-2020-0048

FILED  
Missouri Public  
Service Commission  
JE-2020-0034

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 months and, thereafter, the value shown on Line 10.

APPLYING TO MISSOURI SERVICE AREA

RIDER RESRAM

RENEWABLE ENERGY STANDARD RATE ADJUSTMENT MECHANISM

RESRAM Rate Schedule

Accumulation Period Ending:		mm/dd/yy
1. Actual RES Costs Incurred in AP (ARC)		\$0
2. RES Expenses Recovered in AP (RCR)		
=(RBA + sum of monthly MBAs)	=	\$0
3. RES Over/Under Recovery (ROUR)	=	\$0
3.1 Interest	+	\$0
3.2 (Over)/Under Recovered Costs (ARC-RCR)	+	\$0
4. RES Revenue Requirement (RRR)	+	\$0
5. True-Up (T)	+	\$0
6. Ordered Adjustment (OA)	±	\$0
7. Total RESRAM Recoveries (TRR)=(ROUR+RRR+T+OA)	=	\$0
8. Estimated Recovery Period Sales (S <sub>RP</sub> )	÷	0 kWh
9. TRR <sub>RATE</sub> = MIN of ((TRR/S <sub>RP</sub> ), (RAC))	=	\$0.00000/kWh
10. RESRAM <sub>RATE</sub> = TRR <sub>RATE</sub> + ROA <sup>1</sup>	=	\$0.00000/kWh
11. Required Offset Amount (ROA)	+	\$0.00000/kWh
12. RESRAM <sub>RATE</sub> (applicable for the first 6 billing months if ROA is greater than \$0.00000)	=	\$0.00000/kWh

\*A negative RESRAM Rate represents a per kWh credit that would be applied to a customer's bill.

Recovery Period for Above RESRAM Rate

\_\_\_ to \_\_\_

Current RBA = \$0

Base Amount File No. ER-2016-0179 = \$0.00

CANCELLED  
September 22, 2019  
Missouri Public  
Service Commission  
JE-2020-0034

<sup>1</sup> If ROA is equal \$0.00000, The RESRAM<sub>RATE</sub> stated in this Line 10 shall apply for the entire Recovery Period. If ROA is greater than \$0.00000, the RESRAM<sub>RATE</sub> shall be the value shown on line 12 for the first 6 billing months and, thereafter, the value shown on Line 10.

DATE OF ISSUE December 13, 2018

DATE EFFECTIVE ~~January 12, 2019~~ January 1, 2019

ISSUED BY Michael Moehn  
NAME OF OFFICER

President  
TITLE

St. Louis, Missouri  
ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

Original

SHEET NO. 94

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

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

APPLYING TO MISSOURI SERVICE AREA

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**THIS SHEET RESERVED FOR FUTURE USE**

CANCELLED  
August 15, 2018  
Missouri Public  
Service Commission  
ET-2018-0063; YE-2019-0005

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

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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

**TABLE OF CONTENTS**

**GENERAL RULES & REGULATIONS**

	<b><u>SHEET NO.</u></b>
<b><u>I. GENERAL PROVISIONS</u></b>	
A. Authorization and Compliance	96
B. Definitions	96
C. Application for Service	101
D. Form of Service Provided	101
E. Application of Service Classification for Billing	102
F. Company Obligations	102
G. Customer Obligations	103
H. Power Factor Requirements	104
I. Objectionable Customer Load Characteristics	105
J. Continuity of Service	105
K. Regulatory Authorities	105
L. Reimbursement of Costs Necessitated by Negligence	106
<b><u>II. CHARACTERISTICS OF SERVICE SUPPLIED</u></b>	
A. General Provisions	107
B. Secondary Service Voltages	107
C. Number of Secondary Voltages Allowed	107
D. Company Substation on Customer Premises - Secondary Service	107
E. Primary Service Voltage	108
F. Service at a Primary Voltage	108
G. Company Substation on Customer Premises - Primary Service	109
H. High Voltage Non-Standard Service	109
I. Service to Downtown St. Louis Underground District	109
J. Non-Standard Service	110
<b><u>III. DISTRIBUTION SYSTEM EXTENSIONS</u></b>	
A. Applicability	111
B. Definitions	111
C. Distribution Extension Length	112
D. Point of Delivery of Service	112
E. Extensions to Non-Residential Customers	113
F. Overhead Extensions to Individual Residential Customers	114
G. Overhead Extensions to Residential Subdivisions	114
H. Overhead Extensions to Individual Mobile Homes and Mobile Home Parks	116
I. Extensions for Lighting Service	117
J. Underground Extensions	117
K. Extensions Requested in Advance of Permanent Service	121
L. Modification or Enlargement of Distribution System	122

FILED  
Missouri Public  
Service Commission  
ET-2018-0132; YE-2019-0162

DATE OF ISSUE March 1, 2019 DATE EFFECTIVE April 1, 2019

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

CANCELLED - Missouri Public Service Commission - 09/12/2024 - JE-2025-0018

APPLYING TO MISSOURI SERVICE AREA

**TABLE OF CONTENTS**

**GENERAL RULES & REGULATIONS**

	<u>SHEET NO.</u>
<b><u>I. GENERAL PROVISIONS</u></b>	
A. Authorization and Compliance	96
B. Definitions	96
C. Application for Service	101
D. Form of Service Provided	101
E. Application of Service Classification for Billing	102
F. Company Obligations	102
G. Customer Obligations	103
H. Power Factor Requirements	104
I. Objectionable Customer Load Characteristics	105
J. Continuity of Service	105
K. Regulatory Authorities	105
*L. Reimbursement of Costs Necessitated by Negligence	106
<b><u>II. CHARACTERISTICS OF SERVICE SUPPLIED</u></b>	
A. General Provisions	107
B. Secondary Service Voltages	107
C. Number of Secondary Voltages Allowed	107
D. Three Phase Secondary Service Not Designated by Company	107
E. Company Substation on Customer Premises - Secondary Service	107
F. Primary Service Voltage	108
G. Service at a Primary Voltage	108
H. Company Substation on Customer Premises - Primary Service	109
I. High Voltage Non-Standard Service	109
J. Service to Downtown St. Louis Underground District	109
K. Non-Standard Service	110
<b><u>III. DISTRIBUTION SYSTEM EXTENSIONS</u></b>	
A. General	111
B. Distribution Extension Length	111
C. Point of Delivery of Service	111
D. Distribution Extension Cost	112
E. Overhead Extensions to Individual Residential Customers	112
F. Overhead Extensions to Residential Subdivisions	113
G. Overhead Extensions to Non-Residential Customers	114
H. Overhead Extensions to Individual Mobile Homes and Mobile Home Parks	114
I. Extensions for Lighting Service	115
J. Supplementary Distribution Extensions	115
K. Underground Extensions	116
L. Extensions Requested in Advance of Permanent Service	122

CANCELLED  
 April 1, 2019  
 Missouri Public  
 Service Commission  
 ET-2018-0132; YE-2019-0162

FILED  
 Missouri Public  
 Service Commission  
 ER-2014-0258; YE-2015-0325

\* Indicates Addition.

Issued pursuant to the Order of the Mo.P.S.C. in Case No. ER-2014-0258.  
 DATE OF ISSUE May 6, 2015 DATE EFFECTIVE May 30, 2015  
 ISSUED BY Michael Moehn President St. Louis, Missouri  
 NAME OF OFFICER TITLE ADDRESS

**TABLE OF CONTENTS**

**GENERAL RULES & REGULATIONS**

	<b><u>SHEET NO.</u></b>
<b><u>I. GENERAL PROVISIONS</u></b>	
A. Authorization and Compliance	96
B. Definitions	96
C. Application for Service	101
D. Form of Service Provided	101
E. Application of Service Classification for Billing	102
F. Company Obligations	102
G. Customer Obligations	103
H. Power Factor Requirements	104
I. Objectionable Customer Load Characteristics	105
J. Continuity of Service	105
K. Regulatory Authorities	105
<b><u>II. CHARACTERISTICS OF SERVICE SUPPLIED</u></b>	
A. General Provisions	107
B. Secondary Service Voltages	107
C. Number of Secondary Voltages Allowed	107
D. Three Phase Secondary Service Not Designated by Company	107
E. Company Substation on Customer Premises - Secondary Service	107
F. Primary Service Voltage	108
G. Service at a Primary Voltage	108
H. Company Substation on Customer Premises - Primary Service	109
I. High Voltage Non-Standard Service	109
J. Service to Downtown St. Louis Underground District	109
K. Non-Standard Service	110
<b><u>III. DISTRIBUTION SYSTEM EXTENSIONS</u></b>	
A. General	111
B. Distribution Extension Length	111
C. Point of Delivery of Service	111
D. Distribution Extension Cost	112
E. Overhead Extensions to Individual Residential Customers	112
F. Overhead Extensions to Residential Subdivisions	113
G. Overhead Extensions to Non-Residential Customers	114
H. Overhead Extensions to Individual Mobile Homes and Mobile Home Parks	114
I. Extensions for Lighting Service	115
J. Supplementary Distribution Extensions	115
K. Underground Extensions	116
L. Extensions Requested in Advance of Permanent Service	122

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



APPLYING TO

MISSOURI SERVICE AREA

TABLE OF CONTENTS

GENERAL RULES & REGULATIONS (Cont'd.)

	<u>SHEET NO.</u>
<b>III. <u>DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)</u></b>	
M. Relocation of the Distribution System	122
N. Special Facilities	123
<b>IV. <u>MEASUREMENT OF SERVICE</u></b>	
A. Metering Standards	128
B. Additional Metering	128
C. Multiple Metered Account Billing	129
D. Meter Inspections and Testing	129
E. Remote Meter Reading Opt-Out	129
<b>V. <u>BILLING PRACTICES</u></b>	
A. Monthly Billing Periods	130
B. Combination Billing Option	130
C. Inaccessible Meters	130
D. Customer Readings	130
E. Estimated Billing	131
F. Transfer of Balances	131.1
G. Billing Adjustments	132
H. Change of Rate	134
I. Budget Bill Plan	135
J. Late Payment Charge	136
K. Rent Inclusion	136
L. Resale of Service	137
M. Partial Payments	138
N. Paperless Billing	138
* O. Preferred Due Date Selection	138
<b>VI. <u>DEPOSIT PRACTICES</u></b>	
A. Residential Customers	139
B. Non-Residential Customers	140
C. General Provisions	140
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE</u></b>	
A. Reasons for Denial or Disconnection of Service	142
B. Notice of Intent to Disconnect Residential Service	142
C. Residential Customer Contact and Notice of Disconnection	143

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Chairman & President  
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APPLYING TO MISSOURI SERVICE AREA

TABLE OF CONTENTS

GENERAL RULES & REGULATIONS (Cont'd.)

	<u>SHEET NO.</u>
<b>III. <u>DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)</u></b>	
M. Relocation of the Distribution System	122
N. Special Facilities	123
<b>IV. <u>MEASUREMENT OF SERVICE</u></b>	
A. Metering Standards	128
B. Additional Metering	128
C. Multiple Metered Account Billing	129
D. Meter Inspections and Testing	129
E. Remote Meter Reading Opt-Out	129
<b>V. <u>BILLING PRACTICES</u></b>	
A. Monthly Billing Periods	130
B. Combination Billing Option	130
C. Inaccessible Meters	130
D. Customer Readings	130
E. Estimated Billing	131
F. Transfer of Balances	131.1
G. Billing Adjustments	132
H. Change of Rate	134
I. Budget Bill Plan	135
J. Late Payment Charge	136
K. Rent Inclusion	136
L. Resale of Service	137
M. Partial Payments	138
* N. Paperless Billing	138
O. Residential Due Date Selection	138
<b>VI. <u>DEPOSIT PRACTICES</u></b>	
A. Residential Customers	139
B. Non-Residential Customers	140
C. General Provisions	140
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE</u></b>	
A. Reasons for Denial or Disconnection of Service	142
B. Notice of Intent to Disconnect Residential Service	142
C. Residential Customer Contact and Notice of Disconnection	143

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APPLYING TO MISSOURI SERVICE AREA

**TABLE OF CONTENTS**

**GENERAL RULES & REGULATIONS (Cont'd.)**

	<u>SHEET NO.</u>
<b>III. <u>DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)</u></b>	
M. Relocation of the Distribution System	122
N. Special Facilities	123
<b>IV. <u>MEASUREMENT OF SERVICE</u></b>	
A. Metering Standards	128
B. Additional Metering	128
C. Multiple Metered Account Billing	129
D. Meter Inspections and Testing	129
E. Remote Meter Reading Opt-Out	129
<b>V. <u>BILLING PRACTICES</u></b>	
A. Monthly Billing Periods	130
B. Combination Billing Option	130
C. Inaccessible Meters	130
D. Customer Readings	130
E. Estimated Billing	131
F. Transfer of Balances	131.1
G. Billing Adjustments	132
H. Change of Rate	134
I. Budget Bill Plan	135
J. Late Payment Charge	136
K. Rent Inclusion	136
L. Resale of Service	137
M. Partial Payments	138
* N. (Reserved for future use)	
* O. Residential Due Date Selection	138.1
<b>VI. <u>DEPOSIT PRACTICES</u></b>	
A. Residential Customers	139
B. Non-Residential Customers	140
C. General Provisions	140
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE</u></b>	
A. Reasons for Denial or Disconnection of Service	142
B. Notice of Intent to Disconnect Residential Service	142
C. Residential Customer Contact and Notice of Disconnection	143

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TABLE OF CONTENTS

GENERAL RULES & REGULATIONS (Cont'd.)

	<u>SHEET NO.</u>
<b>III. <u>DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)</u></b>	
M. Relocation of the Distribution System	122
N. Special Facilities	123
<b>IV. <u>MEASUREMENT OF SERVICE</u></b>	
A. Metering Standards	128
B. Additional Metering	128
C. Multiple Metered Account Billing	129
D. Meter Inspections and Testing	129
E. Remote Meter Reading Opt-Out	129
<b>V. <u>BILLING PRACTICES</u></b>	
A. Monthly Billing Periods	130
B. Combination Billing Option	130
C. Inaccessible Meters	130
D. Customer Readings	130
E. Estimated Billing	131
F. Transfer of Balances	131.1
G. Billing Adjustments	132
H. Change of Rate	134
I. Budget Bill Plan	135
J. Deferred Pay-Date Program	136
K. Late Payment Charge	136
L. Rent Inclusion	136
M. Resale of Service	137
N. Partial Payments	138
<b>VI. <u>DEPOSIT PRACTICES</u></b>	
A. Residential Customers	139
B. Non-Residential Customers	140
C. General Provisions	140
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE</u></b>	
A. Reasons for Denial or Disconnection of Service	142
B. Notice of Intent to Disconnect Residential Service	142
C. Residential Customer Contact and Notice of Disconnection	143

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APPLYING TO MISSOURI SERVICE AREA

TABLE OF CONTENTS

GENERAL RULES & REGULATIONS (Cont'd.)

	<u>SHEET NO.</u>
<b>III. <u>DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)</u></b>	
M. Modification or Enlargement of Distribution System	123
N. Relocation of the Distribution System	123
O. Advance Refundable Deposits	124
P. Guarantee Agreements	124
Q. Special Facilities	125
<b>IV. <u>MEASUREMENT OF SERVICE</u></b>	
A. Metering Standards	128
B. Additional Metering	128
C. Multiple Metered Account Billing	129
D. Meter Inspections and Testing	129
*E. Remote Meter Reading Opt-Out	129
<b>V. <u>BILLING PRACTICES</u></b>	
A. Monthly Billing Periods	130
B. Combination Billing Option	130
C. Inaccessible Meters	130
D. Customer Readings	130
E. Estimated Billing	131
F. Transfer of Balances	131.1
G. Billing Adjustments	132
H. Change of Rate	134
I. Budget Bill Plan	135
J. Deferred Pay-Date Program	136
K. Late Payment Charge	136
L. Rent Inclusion	136
M. Resale of Service	137
N. Partial Payments	138
<b>VI. <u>DEPOSIT PRACTICES</u></b>	
A. Residential Customers	139
B. Non-Residential Customers	140
C. General Provisions	140
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE</u></b>	
A. Reasons for Denial or Disconnection of Service	142
B. Notice of Intent to Disconnect Residential Service	142
C. Residential Customer Contact and Notice of Disconnection	143

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**TABLE OF CONTENTS**

**GENERAL RULES & REGULATIONS (Cont'd.)**

	<b><u>SHEET NO.</u></b>
<b>III. <u>DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)</u></b>	
M. Modification or Enlargement of Distribution System	123
N. Relocation of the Distribution System	123
O. Advance Refundable Deposits	124
P. Guarantee Agreements	124
Q. Special Facilities	125
<b>IV. <u>MEASUREMENT OF SERVICE</u></b>	
A. Metering Standards	128
B. Additional Metering	128
C. Multiple Metered Account Billing	129
D. Meter Inspections and Testing	129
E. Limited Unmetered Service	129
<b>V. <u>BILLING PRACTICES</u></b>	
A. Monthly Billing Periods	130
B. Combination Billing Option	130
C. Inaccessible Meters	130
D. Customer Readings	130
E. Estimated Billing	131
*F. Transfer of Balances	131.1
G. Billing Adjustments	132
H. Change of Rate	134
I. Budget Bill Plan	135
J. Deferred Pay-Date Program	136
K. Late Payment Charge	136
L. Rent Inclusion	136
M. Resale of Service	137
N. Partial Payments	138
<b>VI. <u>DEPOSIT PRACTICES</u></b>	
A. Residential Customers	139
B. Non-Residential Customers	140
C. General Provisions	140
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE</u></b>	
*A. Reasons for Denial or Disconnection of Service	142
B. Notice of Intent to Disconnect Residential Service	142
C. Residential Customer Contact and Notice of Disconnection	143

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

APPLYING TO MISSOURI SERVICE AREA

**TABLE OF CONTENTS**

**GENERAL RULES & REGULATIONS (Cont'd.)**

	<b><u>SHEET NO.</u></b>
<b>III. <u>DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)</u></b>	
M. Modification or Enlargement of Distribution System	123
N. Relocation of the Distribution System	123
O. Advance Refundable Deposits	124
P. Guarantee Agreements	124
Q. Special Facilities	125
<b>IV. <u>MEASUREMENT OF SERVICE</u></b>	
A. Metering Standards	128
B. Additional Metering	128
C. Multiple Metered Account Billing	129
D. Meter Inspections and Testing	129
E. Limited Unmetered Service	129
<b>V. <u>BILLING PRACTICES</u></b>	
A. Monthly Billing Periods	130
B. Combination Billing Option	130
C. Inaccessible Meters	130
D. Customer Readings	130
E. Estimated Billing	131
F. Transfer of Balances	132
G. Billing Adjustments	132
H. Change of Rate	134
I. Budget Bill Plan	135
J. Deferred Pay-Date Program	136
K. Late Payment Charge	136
L. Rent Inclusion	136
M. Resale of Service	137
N. Partial Payments	138
<b>VI. <u>DEPOSIT PRACTICES</u></b>	
A. Residential Customers	139
B. Non-Residential Customers	140
C. General Provisions	140
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE</u></b>	
A. Reasons for Disconnection of Service	142
B. Notice of Intent to Disconnect Residential Service	142
C. Residential Customer Contact and Notice of Disconnection	143

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APPLYING TO MISSOURI SERVICE AREA

TABLE OF CONTENTS

GENERAL RULES & REGULATIONS (Cont'd.)

	<u>SHEET NO.</u>
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE (Cont'd.)</u></b>	
D. Notice of Intent to Disconnect Non-Residential Service	144
E. Disconnection Hours	144
F. Delay of Disconnection for Medical Reasons	144
G. Avoidance of Disconnection of Service	144
*H. Disconnection or Interruption of Service Without Prior Notice	145
I. Reconnection of Service	145
<b>VIII. <u>EMERGENCY ENERGY CONSERVATION PROCEDURE</u></b>	
A. Energy Usage Reduction Program	146
B. Essential Services	149

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	NAME OF OFFICER		ADDRESS
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CANCELLING MO.P.S.C. SCHEDULE NO. \_\_\_\_\_

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MISSOURI SERVICE AREA

TABLE OF CONTENTS

GENERAL RULES & REGULATIONS (Cont'd.)

	<u>SHEET NO.</u>
<b>VII. <u>DISCONNECTION AND RECONNECTION OF SERVICE (Cont'd.)</u></b>	
D. Notice of Intent to Disconnect Non-Residential Service	144
E. Disconnection Hours	144
F. Delay of Disconnection for Medical Reasons	144
G. Avoidance of Disconnection of Service	144
H. Disconnection or Interruption of Service Without Prior Notice	144
I. Reconnection of Service	145
 <b>VIII. <u>EMERGENCY ENERGY CONSERVATION PROCEDURE</u></b>	
A. Energy Usage Reduction Program	146
B. Essential Services	149

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

**GENERAL RULES AND REGULATIONS**

**I. GENERAL PROVISIONS**

**A. AUTHORIZATION AND COMPLIANCE**

These rules and regulations on file with the Missouri Public Service Commission contain the provisions under which the Company will supply electric service to customers. No employee or agent of the Company has the authority to amend, modify, alter, or waive the rules and regulations contained herein, or to bind the Company by making any promises or representations not authorized in these rules. In accepting service provided by Company, a customer agrees to comply with all applicable rules and regulations contained herein and any subsequent revisions or additions to such rules which are approved by the Commission.

**B. DEFINITIONS**

1. Billing Period

The interval between consecutive meter reading dates, during which electric service is provided and billed for by Company.

2. Building

A single structure roofed and enclosed within exterior walls, or portions of such a structure segregated from each other by fire walls accepted and approved by the governmental inspection authority having jurisdiction.

3. Commission

The Public Service Commission of the State of Missouri, or successor of such Commission, having jurisdiction of the subject matter hereof.

4. Company

Union Electric Company acting through its duly authorized officers, agents or employees within the scope of their respective duties and authorities.

5. Customer

Any person, developer, firm, organization, association, corporation or other entity that applies for, or is responsible for payment for electric service from Company, or was responsible for payment for electric service and was disconnected under the provisions of these rules and regulations.

6. Customer Charge

A fixed dollar component of a customer's monthly bill for electric service which recovers a portion of the annual investment and operating costs incurred by the Company in making service available to an individual customer, e.g., service conductor and meter investment, meter reading, billing, customer accounting and customer service expenses.

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APPLYING TO MISSOURI SERVICE AREA

**GENERAL RULES AND REGULATIONS**

**I. GENERAL PROVISIONS (Cont'd.)**

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

37. Voltage

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

**C. APPLICATION FOR SERVICE**

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

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

**D. FORM OF SERVICE PROVIDED**

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

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

**GENERAL RULES AND REGULATIONS**

**I. GENERAL PROVISIONS (Cont'd.)**

**D. FORM OF SERVICE PROVIDED (Cont'd.)**

- 2. New Electrical Loads on Existing Premises - Existing customers receiving secondary service with new or additional electrical load requirements will normally be expected to continue to receive service from Company at or near the existing point of delivery of such service, originally designated by Company. However, where in Company's sole judgment it is unreasonable or impracticable for customer to be expected to receive service for such additional electric loads at the existing service delivery point, Company will supply such electrical requirements by a separate connection which shall be subject to all provisions of Company's line extension rules for extensions to new premises. In such cases of separate connections provided after May 5, 1990, separate billing shall apply with no provision or allowance for billing cumulation.
- 3. Combined Service - Separate or different customers may not purchase electricity on a combined basis as a single customer. However, the purchase of electricity provided to the same customer in two or more contiguous buildings not separated by another customer premises, or to the same customer in two or more buildings separated only by public property, may be combined and cumulated for billing purposes under the provisions of Company's Rider J and Rider H, respectively.

**E. APPLICATION OF SERVICE CLASSIFICATION FOR BILLING**

The application of the rates within the Company's various service classifications shall, for billing purposes, be based upon the form of the electric service being supplied by Company and whether such service is for residential or non-residential purposes. Residential and combination home and farm service shall be billed on the Company's Residential Rate. All other secondary voltage service to non-residential customers shall be billed under either of the Company's Small General Service or Large General Service Rates, as applicable, and primary voltage customers shall be billed under the Primary Service, as applicable, regardless of the manner in which such service is metered. Where metering is not located at the voltage level of the service being provided by Company, the applicable Rider C adjustment shall be applied to account for such differences. For delivery voltages of 34.5 KV or higher, the provisions Rider B shall apply.

**F. COMPANY OBLIGATIONS**

In supplying service to customers, Company shall furnish such service within a reasonable length of time dependent upon the availability of materials, labor and system capacity, and after all necessary easements, permits and approvals are obtained from the customer and other governmental and regulatory authorities having jurisdiction.

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ISSUED BY Warner L. Baxter President & CEO St. Louis, Missouri  
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APPLYING TO

MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

I. GENERAL PROVISIONS (Cont'd.)

G. CUSTOMER OBLIGATIONS

In applying for electric service from Company, and receiving such service thereafter, customer shall:

1. Inform Company as to the size and characteristics of the load that is to be initially and thereafter served, the location of the premises, the date customer anticipates the need for said service and any special circumstances or conditions affecting the supply of electric service by Company.
2. When requested by Company, enter into a written contract which specifies the terms and conditions of the electric service being provided.
3. Furnish at no cost, upon Company's request, a right-of-way cleared of all trees or other obstructions for the extension of electrical supply facilities by Company. Said right-of-way easement, license or permit will grant Company continuing rights, thereafter, to trim trees and maintain the right-of-way in a condition which will not interfere with the delivery of electric service. In addition, any easements, licenses, or permits that may be deemed necessary by Company for such right-of-way shall be initially and thereafter furnished or paid for by customer.
4. Stake or establish the final grade of the route upon which the Company's electrical supply facilities will be located and stake or otherwise identify property boundaries, as required, prior to commencement of construction by Company.
- \* 5. Install customer-owned equipment in a condition acceptable to and approved by the governmental inspection authority having jurisdiction in the territory in which the customer's premises is located or, where no authority exists, in accordance with Company's standards and the requirements of the current edition of the National Electrical Code, and following installation of Company's metering equipment, not break, remove or tamper with the security seal or other security device installed on customer-owned equipment by Company.
6. At all reasonable hours permit properly authorized agents of Company (and if requested by Company, in the presence of customer or his authorized representative), free and safe access to customer's premises for the purpose of inspecting customer's appliances and installations, clearing faults affecting the proper supply of electric service, examining, repairing or removing Company's meters or other property, reading of meters, making connections, disconnections, or reconnections of service, or for any other purpose deemed necessary by Company.

\*Indicates Change.

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ISSUED BY	<u>Mark C. Birk</u>	<u>Chairman &amp; President</u>
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		<u>St. Louis, Missouri</u>
		ADDRESS

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APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

I. GENERAL PROVISIONS (Cont'd.)

G. CUSTOMER OBLIGATIONS

In applying for electric service from Company, and receiving such service thereafter, customer shall:

1. Inform Company as to the size and characteristics of the load that is to be initially and thereafter served, the location of the premises, the date customer anticipates the need for said service and any special circumstances or conditions affecting the supply of electric service by Company.
2. When requested by Company, enter into a written contract which specifies the terms and conditions of the electric service being provided.
3. Furnish at no cost, upon Company's request, a right-of-way cleared of all trees or other obstructions for the extension of electrical supply facilities by Company. Said right-of-way easement, license or permit will grant Company continuing rights, thereafter, to trim trees and maintain the right-of-way in a condition which will not interfere with the delivery of electric service. In addition, any easements, licenses, or permits that may be deemed necessary by Company for such right-of-way shall be initially and thereafter furnished or paid for by customer.
4. Stake or establish the final grade of the route upon which the Company's electrical supply facilities will be located and stake or otherwise identify property boundaries, as required, prior to commencement of construction by Company.
5. Install customer-owned equipment in a condition acceptable to and approved by the governmental inspection authority having jurisdiction in the territory in which the customer's premises is located or, where no authority exists, in accordance with Company's standards and the requirements of the current edition of the National Electrical Code.
6. At all reasonable hours permit properly authorized agents of Company (and if requested by Company, in the presence of customer or his authorized representative), free and safe access to customer's premises for the purpose of inspecting customer's appliances and installations, clearing faults affecting the proper supply of electric service, examining, repairing or removing Company's meters or other property, reading of meters, making connections, disconnections, or reconnections of service, or for any other purpose deemed necessary by Company.
7. Be responsible for payment of all electric service used on customer's premises and for all requirements of the provisions of the Service Classification under which the electric service is provided, until such time as customer notifies Company to terminate service.

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GENERAL RULES AND REGULATIONS

I. GENERAL PROVISIONS (Cont'd.)

G. CUSTOMER OBLIGATIONS (Cont'd.)

- 8. Promptly notify and receive approval from Company of any significant changes in operation or equipment at customer's premises which might endanger or affect the proper functioning, or require modification, of Company's metering or other electrical supply facilities used in providing service to customer or cause a condition where such facilities would not comply with applicable laws, ordinances or codes.
- 9. Be responsible for any damage, alteration or interference with Company metering or other electrical supply facilities on customer's premises, by customer or any other party on such premises, whether authorized or unauthorized by customer.
- 10. Pay to Company the cost of any change or relocation of Company's service facilities or distribution system on or adjacent to customer's premises occasioned by significant changes at customer's premises in order to comply with proper operational requirements, clearance and other requirements of applicable laws, ordinances or codes.
- 11. Pay to Company the cost of any repairs, replacement, rerouting or relocation of any Company facilities necessitated by customer's negligence or failure to properly comply with any of the above obligations.

H. POWER FACTOR REQUIREMENTS

The Company's rates applicable to all customers are based upon a required average power factor of not less than 90% lagging during all periods of normal operation. Customer shall install corrective equipment necessary to meet this requirement on its side of the Company's meter. Such equipment shall be controlled and maintained by customer in order to avoid a leading power factor at any time and to avoid high voltage conditions during periods of light load. To enforce this power factor requirement, Company will install appropriate metering equipment for the monthly billing of a kilovar reactive charge as applicable for all Primary Service Rate customers. For all customers receiving service under other rate schedules, not voluntarily complying with this power factor requirement, Company may, where practical, install corrective equipment on its side of the meter and charge customer a lump sum amount for the current cost of such equipment and the cost of any subsequent additions to or replacement of such equipment whenever said future installations occur. Failure of customer to install such corrective equipment or to pay for that installed by Company currently, or in the future, shall be grounds for the disconnection of electric service.

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GENERAL RULES AND REGULATIONS

I. GENERAL PROVISIONS (Cont'd.)

I. OBJECTIONABLE CUSTOMER LOAD CHARACTERISTICS

All equipment installed by customer shall have operating characteristics which enable Company to maintain a satisfactory standard of service to both the customer being served and all other customers in the immediate area. In cases of high motor starting current, customer loads resulting in harmonic distortions or significant loads with wide and/or frequent fluctuations, etc. customer shall install, on its side of Company's meter, all corrective equipment necessary to enable Company to maintain the integrity of its electric distribution system. For all customers not voluntarily complying with this requirement, Company, where practical, may install corrective equipment on its side of the meter and charge customer a lump sum amount for the current cost of such equipment and the cost of any subsequent additions to or replacement of such equipment, whenever said future installations occur. Failure of customer to install such corrective equipment or to pay for that installed by Company currently, or in the future, shall be grounds for the disconnection of electric service.

J. CONTINUITY OF SERVICE

Company will make all reasonable efforts to provide the service requested on an adequate and continuous basis, but will not be liable for service interruptions, deficiencies or imperfections which result from conditions which are beyond the reasonable control of the Company. The Company cannot guarantee the service as to continuity, freedom from voltage and frequency variations, reversal of phase rotation or singlephasing. The Company will not be responsible or liable for damages to customer's apparatus resulting from failure or imperfection of service beyond the reasonable control of the Company. In cases where such failure or imperfection of service might damage customer's apparatus, customer should install suitable protective equipment.

K. REGULATORY AUTHORITIES

The tariff (i.e., rates, riders, rules and regulations) contained herein has been filed with and approved by the Missouri Public Service Commission and are subject to modification to conform with any revision filed by the Company and approved by the Commission. Where specific situations are not addressed by Company's rates, riders, or rules and regulations, the applicable Commission rules set forth in 4CSR, Sections 240-2 through 240-23 shall apply. Company may make written application to the Commission to seek the approval of a waiver of any specified portion of these filed tariffs for good cause shown.

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SHEET NO. 106

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APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

I. GENERAL PROVISIONS (Cont'd.)

K. REGULATORY AUTHORITIES (Cont'd.)

Because Commission jurisdiction constitutes a legislative recognition that the public interest in proper regulation of public utilities transcends municipal or county lines, and that a centralized control must be entrusted to an agency whose continually developing expertise will assure uniformly safe, proper and adequate service by the Company, no regulations or ordinances of local governments shall be permitted to impose any requirements on the Company's provision of electric service (excepting local permit requirements for excavation and restoration of public rights-of-way, and except in specific instances where the providing of such service will itself cause a substantial and direct threat of injury to persons or property), which are different from or in addition to such Standard Rules and Regulations and the Commission's regulations, unless such requirements are approved by the Commission for uniform application throughout the Company's service area.

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	NAME OF OFFICER	TITLE	ADDRESS

APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

II. CHARACTERISTICS OF SERVICE SUPPLIED

**A. GENERAL PROVISIONS**

Company will designate and supply standard electric service, suitable for customer's electrical requirements, in the form of 60 Hertz alternating current at the various voltages indicated below to all customers within its service area.

**B. SECONDARY SERVICE VOLTAGES**

Company's standard single phase secondary voltage is 120/240 volts which is applicable to customer service equipment ampacity of up to 800 amperes. Standard three phase, four wire, secondary voltages of 120/208 volts or 277/480 volts are generally available for qualifying customer service equipment ampacity of up to 3,000 amperes. Company may, at its sole discretion, make three phase, three wire, secondary voltages of 240 volts or 480 volts available, in areas served by overhead distribution facilities, for customer service equipment ampacity of up to 3,000 amperes.

**C. NUMBER OF SECONDARY VOLTAGES ALLOWED**

Company will designate and supply not more than one single phase and/or one three phase secondary voltage to a premises, unless otherwise required to satisfy Company's engineering, operating, or economic considerations. Where large single phase customer loads are to be supplied, Company shall have the right to supply two or more single phase or a three phase, four wire, secondary voltage and to require customer to arrange his wiring so that the load can be divided equally among the two or three phases. Company may designate a three phase secondary service when single phase facilities are not readily or economically available to serve the customer.

**D. THREE PHASE SECONDARY SERVICE NOT DESIGNATED BY COMPANY**

Where customer requests a three phase secondary voltage for service otherwise designated by Company as appropriate to be supplied at single phase, three phase service will nevertheless be supplied as herein described provided Company has no engineering or other valid reasons for not extending three phase service. Prior to the construction of the three phase extension under the aforementioned circumstances, customer will enter into a guarantee agreement with Company for the estimated cost of the single phase extension designated by Company and will, in addition, pay to Company the additional cost of extending the three phase service requested by customer over the single phase service designated by Company.

**E. COMPANY SUBSTATION ON CUSTOMER PREMISES - SECONDARY SERVICE**

If in Company's opinion it is impractical or inadvisable to supply customer with the designated secondary service from Company's general distribution system, Company will install the substation required for such service in a space, area, room or vault.

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**GENERAL RULES AND REGULATIONS**

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

**E. COMPANY SUBSTATION ON CUSTOMER PREMISES - SECONDARY SERVICE (Cont'd.)**

Said area for Company's substation equipment shall be constructed by customer in accordance with Company's specifications and at no cost to Company. Only one substation will be installed by Company for such purposes at any premises and Company may utilize said substation for supplying service to other customers where it is technically and economically feasible to do so.

**F. PRIMARY SERVICE VOLTAGE**

The primary voltages designated and supplied by Company will generally be limited to the voltage of Company's distribution lines in the geographic area which encompasses the premises of the customer to be served. Such three phase, four wire, primary voltages will be either 4160Y/2400 or 12470Y/7200 volts. Although not generally available, other primary voltages may be supplied in limited portions of the Company's service area under certain conditions designated by Company.

**G. SERVICE AT A PRIMARY VOLTAGE**

Company may designate and supply a three phase primary voltage to customer where any of the following conditions, pertaining to customers electrical requirements, exist:

1. The magnitude of the customer's load would require Company to install a primary to secondary voltage transformer which exceeds the rated capacity of the individual transformers normally purchased and installed by Company for such purposes.
2. Customer, at the time of Company's initial line extension for electric service, requests more than one point of delivery of the same three phase secondary voltage for supplying a single customer at the same premises.
3. An existing secondary voltage customer's expansion requires one or more single or three phase secondary voltage connections in addition to the secondary connections presently used for the supply of electric service to the same premises currently being served by Company.
4. Where in the Company's judgement the location of transformation and customer's service equipment are or would be inaccessible, subject to flood, contamination, etc., or potentially result in other anticipated operating difficulties.
5. Where in the Company's judgement the customer's load characteristics make such service advisable.

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APPLYING TO

MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

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

G. COMPANY SUBSTATION ON CUSTOMER PREMISES - PRIMARY SERVICE

If in Company's opinion it is impractical or inadvisable to supply customer with the designated primary service from Company's general distribution system, Company will install a substation on customer's premises to transform a higher delivery voltage to the designated primary service voltage. For said substation, customer shall provide, without cost to Company, a fenced space, area, room or vault, as required, an easement, access for Company personnel and equipment, transformer pads, grounding grid, secondary circuitry and supports and adequate ventilation in accordance with Company specifications. Only one substation will normally be installed by Company for such purposes at any premise and Company may utilize said substation for supplying service to other customers where it is technically and economically feasible to do so. The configuration of the service to these facilities will take into account Company engineering and operating requirements. The Company and the Customer will enter into appropriate agreements regarding assurances for procurement of equipment.

H. HIGH VOLTAGE NON-STANDARD SERVICE

Where customer requests for its purposes to be supplied at a voltage higher than the Company's standard primary service voltages, or Company specifies same due to operation of converters, electric furnaces or other equipment, customer shall own, operate and maintain its own substation designed in accordance with Company specifications and shall, in return for same, receive a discount from Company's applicable rate schedule as set forth in Rider B.

I. SERVICE TO DOWNTOWN ST. LOUIS UNDERGROUND DISTRICT

The Downtown St. Louis Underground District is the area bounded by Twenty-Second Street, Cole Street, Spruce Street, and the Mississippi River. The preferred form of service within this area is either a 13.8 kV, three phase, four wire primary radial supply, or a three phase, four wire secondary voltage connection in an indoor substation room provided by customer at or one level below grade and constructed in accordance with Company's specifications.

When new or increased load can be supplied from the existing 120/208 volt, three phase, four wire gridded network without major reinforcement required by Company, service will be provided in such limited amounts and subject to the line extension provisions.

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**GENERAL RULES AND REGULATIONS**

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

**G. SERVICE AT A PRIMARY VOLTAGE (Cont'd.)**

When Company requires or customer requests primary service to serve a premises and Company agrees to additional connections at primary or secondary voltages for Company's general engineering, operating or economic reasons, such additional connections will be provided only if customer, or other responsible party, enters into a guarantee agreement, with Company, for such additional connections. Company will designate the point of delivery of any connections provided hereunder. The service supplied through such additional connections installed at customer's request on and after May 5, 1990 will not be cumulated or otherwise combined, for billing purposes, with any other service supplied to customer.

**H. COMPANY SUBSTATION ON CUSTOMER PREMISES - PRIMARY SERVICE**

If in Company's opinion it is impractical or inadvisable to supply customer with the designated primary service from Company's general distribution system, Company will install a substation on customer's premises to transform a higher delivery voltage to the designated primary service voltage. For said substation, customer shall provide, without cost to Company, a fenced space, area, room or vault, as required, an easement, access for Company personnel and equipment, transformer pads, grounding grid, secondary circuitry and supports and adequate ventilation in accordance with Company specifications. Only one substation will normally be installed by Company for such purposes at any premise and Company may utilize said substation for supplying service to other customers where it is technically and economically feasible to do so.

**I. HIGH VOLTAGE NON-STANDARD SERVICE**

Where customer requests for its purposes to be supplied at a voltage higher than the Company's standard primary service voltages, or Company specifies same due to operation of converters, electric furnaces or other equipment, customer shall own, operate and maintain its own substation designed in accordance with Company specifications and shall, in return for same, receive a discount from Company's applicable rate schedule as set forth in Rider B.

**J. SERVICE TO DOWNTOWN ST. LOUIS UNDERGROUND DISTRICT**

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**GENERAL RULES AND REGULATIONS**

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

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

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

**J. NON-STANDARD SERVICE**

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

In order to minimize and phase out the number of non-standard service installations and billing applications on its system, Company will, unless otherwise provided for above, discontinue providing any such non-standard service to a premises when a) the premises is remodeled or rehabilitated in any such manner that requires new, modified, enhanced or relocated electrical distribution supply facilities from the Company, or b) the premises become an inactive account for a consecutive period of six (6) months or more. Any premises meeting the conditions of (a), or (b) herein shall be considered to have been constructed after June 1, 1981, for application of 4 CSR 240-20.050 of the Commission's metering requirements and related Sections Rent Inclusion and Resale of Service, which are a part of the Billing Practices Section of Company's General Rules and Regulations.

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GENERAL RULES AND REGULATIONS

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

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

When new or increased load can be supplied from the existing 120/208 volt, three phase, four wire gridded network without major reinforcement required by Company, service will be provided in such limited amounts and subject to the line extension provisions.

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

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In order to minimize and phase out the number of non-standard service installations and billing applications on its system, Company will, unless otherwise provided for above, discontinue providing any such non-standard service to a premises when a) the premises is remodeled or rehabilitated in any such manner that requires new, modified, enhanced or relocated electrical distribution supply facilities from the Company, or b) the premises become an inactive account for a consecutive period of six (6) months or more. Any premises meeting the conditions of (a), or (b) herein shall be considered to have been constructed after June 1, 1981, for application of 4 CSR 240-20.050 of the Commission's metering requirements and related Sections V.L. Rent Inclusion and V.M. Resale of Service, which are a part of the Billing Practices Section of Company's General Rules and Regulations.

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APPLYING TO MISSOURI SERVICE AREAGENERAL RULES AND REGULATIONSIII. DISTRIBUTION SYSTEM EXTENSIONS**A. GENERAL**

Permanent electric service of the form and character described in Section II of these rules will be supplied for permanent year round use to customers within the Company's authorized service area, by extension and/or modifications or enlargements to Company's electric distribution system, in accordance with the provisions set forth in this Section III. Company's extension shall be considered as completed when said extension is adjacent to the premises to be served and Company is prepared to connect service thereto.

**B. DISTRIBUTION EXTENSION LENGTH**

The length of the extension of the distribution system will be the distance along the installation route designated and utilized by Company in making said extension. Such distance shall be measured from the Company's designated point of delivery on customer's premises to the nearest point of connection to Company's existing distribution system having like phase and voltage as that being supplied to customer's premises.

**C. POINT OF DELIVERY OF SERVICE**

The point of delivery of service, at which Company's distribution facilities connect to customer's electrical facilities without regard to meter location, shall normally be at the following electrical connection points:

1. Overhead Service
  - a. Secondary Voltage - All Customers - At customer's service entrance conductors, i.e., weatherhead or bus duct outlet.
  - b. Primary and Higher Voltages - At the line-side dead end devices on customer's meter pole, or on the bus structure of customer's substations, or at the low side terminals of a Company substation on customer's property.
2. Underground Service
  - a. Secondary Voltage-Residential - At the line-side meter terminals for Company owned services; on the pole, connecting to Company's overhead distribution system or Company's padmounted transformer or pedestal, in the case of customer owned cables.
  - b. Secondary Voltage-All Other Customers - At the connection of customer's cable to the low side terminals of Company's padmounted transformer or pedestal or customer provided junction box.
  - c. Primary and Higher Voltages - At the line-side terminals in metal-clad switchgear, or at an agreed upon point on or in a customer owned substation.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

D. DISTRIBUTION EXTENSION COST

The estimated installed cost of any line extensions and/or modifications and enlargements of the Company's distribution system will include the total cost of all labor and materials, easements, licenses, permits, cleared right-of-way and all other incidental costs, including indirect costs. The indirect costs will include, where applicable, the cost of engineering, supervision, inspection, insurance, payments for injury and damage awards, taxes, AFUDC (Allowance for Funds Used During Construction), legal and administrative and general expenses associated with the extension of the Company's distribution system. The percentage used for indirect costs reflects the Company's historical indirect cost experience. The Company's distribution extension allowances and charges are based on normal, pre-construction and unobstructed conditions. Cost estimates relative to revenue guarantees or customer contributions are based on the conditions prevailing at the time the estimate is made. Additional costs due to changes in surface conditions or unanticipated subsurface conditions will be charged to the customer. Company may install a distribution extension of greater length or capacity than initially required for the customer requesting service, due to general engineering, operating, or economic reasons, in which case the additional cost of such increases in distribution system length or capacity shall not be included in the cost of the extension applicable to customer.

A copy of the Company's estimated extension charges, including indirect costs, shall be furnished to the customer upon request prior to construction.

E. OVERHEAD EXTENSIONS TO INDIVIDUAL RESIDENTIAL CUSTOMERS

Company will provide, at no cost, single-phase overhead electric service consisting of a meter, service drop, transformation capacity and up to 1,000 feet of additional distribution facilities, as required, no more than 500 feet of which shall be extended on private property, to the premises of an individual residential customer not located within a residential subdivision. The portion of any distribution extension applicable to customer in excess of the aforementioned allowance shall be paid for by customer, in advance of construction, at the Company's then current standard construction cost per foot of single phase overhead extensions. Alternatively, at customer's option, Company will provide any distribution facilities in addition to the meter, overhead service drop and transformation capacity referred to above, at no cost to customer provided the annual net revenue estimated to be received by Company from the extension equals or exceeds the installed cost of such additional distribution facilities, estimated at the Company's then current standard construction cost per foot of single phase overhead extensions. Where the annual net revenue estimated to be received by Company is less than the estimated extension cost applicable to customer, said cost in excess of annual net revenue shall be paid by customer to Company in advance of construction.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

F. OVERHEAD EXTENSIONS TO RESIDENTIAL SUBDIVISIONS

1. Single-Family Residences

Company will provide single-phase overhead electric service consisting of meters, services, transformation capacity and all additional facilities required for the distribution of electricity, through and within the boundaries of a residential subdivision for which permanent electric service has been requested by customer/developer to two or more residential buildings, at no cost to the customer/developer, excluding subdivisions covered by the Large Lot Subdivision provisions outlined below. Company will also provide additional distribution facilities of up to 150 feet per subdivision lot, as required, to extend its existing distribution system to the boundaries of the subdivision site, at no cost to customer/developer. For any permanent electric distribution extension facilities to or within the subdivision, in excess of the aforementioned allowances, customer/developer shall make a deposit in advance of construction, based upon the Company's then current standard construction charges for such facilities, which deposit may be refundable in whole or in part. Semi-annually thereafter, Company will compare its standard overhead distribution cost per lot with the annual net revenue per lot estimated to be received from the additional homes within the subdivision having been connected with electric service and permanently occupied for residential dwelling purposes, after receiving notification of such connections from customer/developer. Any estimated annual net revenue per lot, from homes added during each review period, in excess of Company's standard per lot overhead costs shall be refunded, without interest, to customer/developer up to the total amount of the advance deposit actually made by customer/developer. Such refunds will be made at semi-annual intervals from the date the deposit was received by Company, with any amounts remaining unrefunded after five years being retained by Company and credited to the Company's appropriate plant account.

a. Large Lot Subdivisions

The above provisions regarding Overhead Extensions to Residential Subdivisions - Single Family Residences is limited to subdivisions having an average lot size of 100,000 square feet or less. Where average lot size does exceed 100,000 square feet, the Company will assess excess per lot footage charges for the amount that the average frontage footage exceeds 500 feet. In addition, for developments where the average lot size exceeds 100,000 square feet, the Company will also assess excess footage charges on individual lots for overhead services of more than a single span or underground services of more than 250 feet. Said charges will be payable in advance of construction and not be subject to refund.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

F. OVERHEAD EXTENSIONS TO RESIDENTIAL SUBDIVISIONS (Cont'd.)

2. Multiple Occupancy Dwellings

Multiple occupancy buildings consist of structures which stand alone, enclosed with exterior walls or are segregated from adjoining structures by fire walls, and are designed for permanent occupancy as two or more single-family residences. Extensions to subdivisions consisting of multiple occupancy dwellings shall be made in accordance with the provisions of this paragraph F, applicable to single-family residences, utilizing an allowance of 50 feet per dwelling unit for distribution facilities beyond the subdivision boundaries, and applying a 0.60 occupancy factor to the annual net revenue estimated to be received from each multiple occupancy dwelling unit.

G. OVERHEAD EXTENSIONS TO NON-RESIDENTIAL CUSTOMERS

Company will provide an overhead distribution extension to individual non-residential premises at no cost to customer provided the annual net revenue estimated to be received by Company from the distribution extension equals or exceeds the estimated installed cost of the portion of required extension applicable to customer. Where the annual net revenue estimated to be received by Company is less than the estimated extension cost or, in Company's opinion, customer's revenues cannot be accurately projected, or where customer credit standing acceptable to Company cannot be established, customer or other responsible party will be required to enter into a guarantee agreement with Company, as referred to in Section III.P, herein, prior to the commencement of construction by Company.

H. OVERHEAD EXTENSIONS TO INDIVIDUAL MOBILE HOMES AND MOBILE HOME PARKS

1. Individual - Other Than Mobile Home Parks

Where a mobile home is permanently located on real property owned or leased by the mobile home occupant, utilized as a permanent dwelling unit, connected to piped water and sewage facilities, and is in excess of 400 square feet in size, Company shall extend its electrical distribution system to the mobile home service entrance equipment on the same terms and conditions indicated in this Section III for extensions to individual residential or non-residential customers, as applicable. Extensions to individual mobile homes not meeting the qualifications specified in this paragraph shall be made in accordance with the provisions of Rider D - Temporary Service.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

G. OVERHEAD EXTENSIONS TO RESIDENTIAL SUBDIVISIONS (Cont'd.)

1. Single-Family Residences (Cont'd)

overhead distribution cost per lot with the annual net revenue per lot estimated to be received from the additional homes within the subdivision having been connected with electric service and permanently occupied for residential dwelling purposes, after receiving notification of such connections from Customer/developer. Any estimated annual net revenue per lot, from homes added during each review period, in excess of Company's standard per lot overhead costs shall be refunded, without interest, to Customer/developer up to the total amount of the advance deposit actually made by Customer/developer. Such refunds will be made at semi-annual intervals from the date the deposit was received by Company, with any amounts remaining unrefunded after five years being retained by Company and credited to the Company's appropriate plant account.

a. Large Lot Subdivisions

In addition to meeting the criteria described in this section F.1. above, in subdivisions where the average lot size exceeds 100,000 square feet, the Company will assess excess per lot footage charges for the amount that the average frontage footage exceeds 500 feet. In addition, for developments where the average lot size exceeds 100,000 square feet, the Company will also assess excess footage charges on individual lots for overhead services of more than a single span or underground services of more than 250 feet. Said charges will be payable in advance of construction and not be subject to refund.

2. Multiple Occupancy Dwellings

Multiple occupancy buildings consist of structures which stand alone, enclosed with exterior walls or are segregated from adjoining structures by fire walls, and are designed for permanent occupancy as two or more single-family residences. Extensions to subdivisions consisting of multiple occupancy dwellings shall be made in accordance with the provisions of this section G, applicable to single-family residences, utilizing an allowance of 50 feet per dwelling unit for distribution facilities beyond the subdivision boundaries, and applying a 0.60 occupancy factor to the annual net revenue estimated to be received from each multiple occupancy dwelling unit.

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**GENERAL RULES AND REGULATIONS**

**III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)**

**H. OVERHEAD EXTENSIONS TO INDIVIDUAL MOBILE HOMES AND MOBILE HOME PARKS (Cont'd.)**

2. Mobile Home Parks

Where a mobile home park owner/operator provides a designated lot with water utility and sanitary facilities for mobile homes in excess of 400 square feet in size intended for use as residential dwelling units, Company will extend its distribution system to each mobile home lot on the same terms and conditions indicated in this Section III for extensions to residential subdivisions. The billing for electric consumption at any common facilities installed within the mobile home park for the benefit of all the mobile home park occupants shall be to the park's owner/operator.

3. Recreational Vehicle Parks

Company will extend its electrical distribution system to a single delivery point to provide service to campgrounds and parks which dedicate at least 80% of their space for recreational vehicle sites. Such extensions will be made under the same terms and conditions indicated in this Section III as applicable to non-residential customers.

**I. EXTENSIONS FOR LIGHTING SERVICE**

The Company's lighting tariffs are based upon the required distribution facilities being in place and no additional extension required thereof. Therefore, the cost of any extension of facilities required for lighting service shall be paid by customer to Company in advance of any construction of distribution facilities installed solely to supply electrical service for lighting.

**J. SUPPLEMENTARY DISTRIBUTION EXTENSIONS**

Supplementary extensions from extensions previously installed and covered under existing guarantee agreements initiated by other customers, will be made in accordance with the provisions of this Section III.J. In such instances of supplementary extensions, the guarantee amounts of the current customers served from that portion of the original extension utilized by the supplementary extension will be adjusted considering the additional revenues and facilities, if any, associated with the new customers being served. Such revised guarantee amounts will be applicable to all customers, prior and new, served from the facilities being guaranteed for the remainder of the terms of any prior guarantee agreements.

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APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

K. UNDERGROUND EXTENSIONS

1. General

The Company's distribution system is generally designed and constructed as an overhead system, and electric service will normally be provided by overhead distribution extensions. Where underground distribution extensions are required by law or requested by a customer or applicant for service, underground service will be provided to a point of delivery for such service, specified by Company, under the provisions of this Section III.K. Where abnormal circumstances exist resulting in an underground extension costing less to install than an overhead extension, or Company elects to make an underground extension due to life cycle cost, engineering, construction or safety considerations, the Company's rules for overhead extensions shall apply to the estimated cost of the underground extension.

2. Individual Residential Customer Extensions

Where an underground extension is requested by an individual residential customer or required by law, Company will estimate the cost of equivalent overhead and underground extensions, and customer will pay a non-refundable contribution to Company, in advance of construction, for any excess cost of making the underground extension. The Company's rules for overhead extensions to individual residential customers shall apply to Company's estimated overhead extension costs. Customer, at his option, may install a direct buried service cable to be owned and maintained by customer, or Company will install, own, operate and maintain the service cable in customer's conduit, installed by customer in service trench in accordance with Company specifications to a delivery point designated by Company. Where Company determines that primary and/or secondary voltage facilities are necessary to provide the requested service, the customer will install the conduit system, consisting of conduit, manholes, pulling boxes, transformer pads, switchgear pads, pedestal bases and other required subsurface structures to a point designated by Company. All such materials will be provided by Company for customer pick-up at a location designated by the Company and included in the cost for underground service. Company will install, own, operate and maintain the cable in customer's conduit system. Where applicable, the underground extension may be provided by Company in accordance with the rules herein applicable to overhead extensions, Section III.E, herein.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

K. UNDERGROUND EXTENSIONS (Cont'd.)

3. Residential Subdivision Extensions

Where an underground distribution extension for permanent electric service in a residential subdivision is requested to two or more single-family residential buildings, multiple occupancy units, or mobile homes, by an applicant/developer, or is required by law, applicant shall first satisfy the Company's applicable rules for overhead extensions to residential subdivisions, Section III.F, herein. Thereafter, applicant shall contract for and satisfy the requirements specified in this Section III.K.3. for obtaining an underground residential distribution extension.

a. Requirements of Applicant/Developer

Applicant will initially provide, at its cost, all trenching and the installation of a complete conduit system as its contribution to the Company's underground distribution system within a residential subdivision. The conduit system installation by applicant will consist of conduit, manholes, pulling boxes, transformer pads, switchgear pads, pedestal bases and other required subsurface structures. All such materials will be provided by Company at no cost to applicant, excluding subdivisions covered by the Large Lot Subdivision provisions below. Applicants for electric service to individual single family homes shall, subsequently, provide and install service trench and service conduit. All installations will be in accordance with Company's design criteria and specifications, the National Electrical Safety Code and any other applicable codes.

b. Requirements of Company

The Company's distribution system within the subdivision will consist of all primary and secondary voltage and service cables installed by Company, including street lighting circuitry and the conduit system initially installed and contributed by applicant, except for service lateral conduit. Street light circuitry and construction temporaries, installed by Company concurrent with other primary and secondary distribution system facilities, shall be provided by Company at no charge to applicant. Thereafter, except for service lateral conduit, Company shall own, operate and maintain the entire distribution system within the subdivision, including both the portion installed by Company and that installed and contributed by applicant.

c. Options of Applicant

At the request of applicant, Company will, on a per lot or per dwelling unit basis, estimate its distribution system extension cost within the subdivision and annual net revenue, exclusive of gross receipts taxes, anticipated to be received from such homes or dwelling units connected within the subdivision.

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APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

K. UNDERGROUND EXTENSIONS (Cont'd.)

3. Residential Subdivision Extensions (Cont'd.)

c. Options of Applicant (Cont'd.)

Such extension costs shall include all materials provided by Company for applicant's installation and all costs incurred by Company in the installation of its distribution system within the subdivision. Any estimated annual net revenue in excess of the subdivision extension costs specified herein may be utilized to offset any additional charges normally paid by applicant under Section III. For multiple occupancy buildings consisting of four or more attached units, Company will, at the request of applicant, compare estimated annual net revenue per dwelling unit with the aforementioned extension costs. Company shall be limited to one comparison of such revenue and costs, for a given multiple occupancy residential subdivision, which shall be made during the first quarter of the first full calendar year following the providing of electric service to the occupants of the multiple occupancy dwelling units within the subdivision. Based upon this comparison, up to \$50 of the average net revenue per dwelling unit, which exceeds the estimated extension cost per dwelling unit, shall be returned to applicant as a one-time partial refund of applicant's conduit system contribution to the Company's underground distribution system within the subdivision.

d. Overhead Distribution Lines Preserved

Conversion of existing overhead distribution lines to underground shall not be required of Company. In addition, distribution lines through the subdivision shall continue to be constructed overhead unless otherwise specifically agreed to be installed underground by Company and charged to the applicant on an excess cost basis. When Company requires that an overhead line be installed on the perimeter of the development, or accepts another alternative route, for immediate or anticipated need to supply other load beyond or outside the development, or to establish distribution system ties for operating reasons through the development, Company shall be given a reasonable amount of time to construct such overhead facilities before affected lots are sold.

e. Right-of-Way and Easements

Company shall construct, own, operate and maintain the underground distribution system, within the subdivision, only on or along public streets, roads, alleys and highways which Company has the legal right to occupy, and on or along private property across which rights-of-way and easements satisfactory to Company have been received at no cost to or without condemnation by Company.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

K. UNDERGROUND EXTENSIONS (Cont'd.)

3. Residential Subdivision Extensions (Cont'd.)

e. Right-of-Way and Easements (Cont'd.)

Right-of-way and easements within the subdivision which are satisfactory to Company, including those which may be required for street lighting, must be furnished by applicant in reasonable time to meet Company's construction and service requirements. Prior to commencement of construction by Company, such rights-of-way and easements must be cleared of trees, tree stumps, and other obstructions, and graded level, perpendicular to the length of the easement and to within six inches of final grade by applicant, without cost to Company. If the grade is changed subsequent to construction of the distribution system in such a way as to require relocation or reconstruction of any of the underground facilities, the estimated cost of all such work required shall be paid by applicant or by its successor.

f. Joint Utility Construction

Company will endeavor to coordinate its construction work with that of applicant and other utilities whenever possible in an effort to keep the overall cost of providing the underground electric distribution system as low as possible. Company may, to any extent practicable, become a party with applicant and/or other utilities to agreements involving trenching arrangements mutually beneficial to each party and the installation of electric cables in the same trench with the cables and/or pipes of other utilities, care being taken to conform to all applicable codes and utility specifications.

g. Designated Service Delivery Points

Feeder lines and service lines shall be installed by Company along the most practical route that will avoid known or anticipated future construction on applicant's property and permit a safe and economical installation. The normal meter location point to a single family building shall be on the side or front of the house proper, within ten (10) feet of the corner of the house proper, nearest the direction from which the service line enters the property to be served. In instances where Company and applicant agree that the extension of service to the normal meter location is impractical due to: a) rock, grade, or other soil limitations; or b) physical circumstances of the home which restrict meter accessibility for reading and testing; or c) physical circumstances of the home requiring meter installation at a height of six (6) feet six (6) inches or greater above final grade on the front of the house proper;

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

K. UNDERGROUND EXTENSIONS (Cont'd.)

3. Residential Subdivision Extensions (Cont'd.)

g. Designated Service Delivery Points (Cont'd.)

or d) service entrance equipment to be installed in a garage, said meter location point shall be at the next nearest location designated by Company which will alleviate said impracticability while minimizing the additional length of service cable required to be installed and avoids areas of the home which may require future relocations of service lines and/or meter equipment. A meter location on the rear will only be permitted in those instances where the designated side of the house proper is not physically available for a meter attachment. A service connection at other than the above designated meter location point is not permitted unless specifically approved by Company for engineering or other reasons. Where practical, the service connection to a multiple occupancy building of two dwelling units shall be a single service line to a two (2) meter location acceptable to Company. The service connection to a multiple occupancy building of three (3) or more dwelling units shall be a service line or lines to a minimum grouping of meters at locations acceptable to Company.

h. Protection of Company Facilities

Applicant shall protect the facilities of Company installed on applicant's premises and shall, unless otherwise authorized by the Company, permit no one but Company's employees or its authorized agents to handle same. In the event of loss or damage to facilities owned by Company arising out of carelessness, negligence, or misuse by applicant or its authorized agent, the cost of such loss of repairing such damages shall be borne by applicant.

i. Access by Company Employees or Agents

Applicant shall permit access to the Company's employees, or other authorized agents, for the purpose of inspecting, modifying, maintaining, or operation of Company's facilities, at all times.

j. Company Rights and Construction Standards

Company shall own, operate and maintain the conduit system initially installed and contributed by applicant, all primary and secondary underground feeder lines, underground service lines installed in customer owned conduit, and shall have the right to install pad-mounted transformers, above ground cable switching enclosures and service pedestals in the subdivision.

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III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

K. UNDERGROUND EXTENSIONS (Cont'd.)

3. Residential Subdivision Extensions (Cont'd.)

k. Street Lighting Facilities

Street lighting facilities installed in any subdivision shall be contracted for under the appropriate tariff of Company applicable to said installation.

l. Transition and Implementation

Developments being designed by Company and/or contracted for as of March 10, 1998 will be completed under the provisions of the Company's extension tariffs applicable and effective immediately prior to that date. Developments applied for on and after March 10, 1998 shall be supplied by Company under the provisions of Section III.K.3., herein.

m. Large Lot Subdivisions

The above provisions regarding Residential Subdivision Extensions - Requirements of Applicant/Developer is limited to subdivisions having an average lot size of 100,000 square feet or less. Where average lot size does exceed 100,000 square feet, the Company will assess excess per lot footage charges for the amount that the average frontage exceeds 500 feet. In addition, for developments where the average lot size exceeds 100,000 square feet, the Company will also assess excess footage charges on individual lots for overhead services of more than a single span or underground services of more than 250 feet. Said charges will be payable in advance of construction and not be subject to refund.

4. Non-Residential Extensions

a. Application

Where an underground extension is requested by a non-residential customer or required by law, Company will first estimate the cost of equivalent overhead extension and the Company's rules for overhead extensions to individual non-residential customers, Section III.G, shall apply. The underground distribution facilities will be provided at Company's sole discretion following the payment by customer of the Company's estimated excess cost of the underground extension over the cost of an equivalent overhead extension.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

L. MODIFICATION OR ENLARGEMENT OF DISTRIBUTION SYSTEM

Modifications or enlargements of Company's distribution system associated with additional electrical load of existing non-residential Customers shall be performed at no cost to Customer provided the estimated Extension Allowance exceeds the estimated Extension Cost from the proposed distribution system modifications or enlargements. Where the estimated Extension Allowance is less than Company's estimated Extension Cost from the proposed modification or enlargement costs, an Extension Charge may be required prior to the commencement of construction by Company.

Where modifications or enlargements of Company's distribution system are performed at the request of any existing Customer and no additional Marginal Revenue is anticipated therefrom, Customer shall pay, in advance, the total estimated costs associated with such changes.

M. RELOCATION OF THE DISTRIBUTION SYSTEM

Company may, at its sole discretion, upon Customer's request, relocate any distribution facilities providing service to Customer and/or other parties to a right-of-way acceptable to Company, on or off Customer's premises, following the payment by Customer of the Company's total estimated cost of said relocation. Additionally, at the Company's discretion, it may relocate any distribution facilities based upon safety, reliability, or operational needs at the cost of the Company.

In the presence of physical conflicts associated with any new construction or enlargement of Customer's premises or electrical load, Company may, at its sole discretion, upon Customer's request, relocate any distribution facilities to a right-of-way acceptable to Company on or off Customer's premises, following the payment by Customer of the Company's estimated net cost of relocating its distribution facilities. The net cost of relocation referred to herein excludes any costs estimated by Company to be associated with the supply of any additional electrical requirements of Customer, absent the relocation of any distribution facilities.

When Company agrees to relocate existing overhead facilities with an underground installation, the Customer will be responsible for all costs associated with the undergrounding of facilities including spare conduits, manholes, and other structures or equipment required to replace the to-be-vacated overhead right-of-way considering present and future needs as determined by Company.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

K. UNDERGROUND EXTENSIONS (Cont'd.)

4. Non-Residential Extensions (Cont'd.)

b. Point of Delivery of Service

Company will designate to customer the point of delivery of the required electric service and customer shall be responsible for the installation, maintenance, replacement, enlargement or relocation of all underground electric service facilities, other than metering, to the Company's designated delivery point.

c. Specifications

Customer will install, maintain, replace, enlarge, or relocate all underground conduit, foundations, manholes, service boxes, transformer pads, switchgear pads, and other surface and sub-surface structures to meet Company specifications which are necessary to contain and/or support Company's electrical primary and secondary cables and equipment within the boundaries of the development. Maintenance, replacement, enlargement, or relocation of such facilities will be done by the Company at the customer's expense once they contain or support energized cables or equipment. Company will provide standard switchgear pads and transformer pads to customer for installation in order to maintain uniformity and quality control of these items. Customer is to provide Company open access to said facilities, and when necessary, remove obstructions, improvements, decorative structures, etc., when Company requires such access for maintenance, replacement, enlargement, etc. When Company requests additional conduits or larger structures for facilities that will serve customers beyond the boundaries of the development, Company will pay the incremental or extra cost of those additional facilities.

L. EXTENSIONS REQUESTED IN ADVANCE OF PERMANENT SERVICE

Where customer requests Company to complete all or a portion of an extension in advance of when said installation is required to provide permanent electric service, and Company agrees to do so, customer shall pay for such advancement of facilities at the monthly rate of 2.0% of the estimated installed cost of the extension being advanced. Such payments shall be non-refundable and shall continue until the permanent metering for the premises is installed by Company and utilized to provide permanent service thereto.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

N. SPECIAL FACILITIES

1. General

Where Customer requests and Company agrees to install distribution facilities not normally contemplated for installation, or otherwise provided for, under Company's standard rate schedules, Company may at its option provide such facilities under the provisions of this section. Examples of facilities which fall into this category of "special" include, but are not limited to, duplicate or additional service facilities, excess transformer capacity or other distribution facilities, and facilities necessitated by special legal or engineering requirements.

\* 2. Payments by Customer

Where Company agrees to supply distribution facilities under the provisions of Special Facilities in lieu of other alternatives available to Customer, Customer shall pay to Company a one-time contribution equal to the total additional costs incurred by Company in supplying such facilities. Customer shall also pay to Company an additional one-time contribution equal to ninety percent of such total additional costs for the present value of the Company's projected operations, maintenance and subsequent replacement cost of such facilities, which shall be continuously owned and maintained by Company. All charges payable to Company shall be non-refundable and due in advance of construction. Such payments by Customer shall be in addition to any payments required for electric facilities provided under the Company's standard line extension rules or other tariff charges.

3. Supply and Billing Standards

Company will designate the point of delivery of electric service relative to the installation of any additional facilities provided to Customer hereunder and the service supplied through such facilities installed on and after May 5, 1990 will not be cumulated or otherwise combined, for billing purposes, with any other service supplied to Customer. When total or partial replacement of any special facility installation is required, such revision will be made by Company at no cost to Customer. Any enlargement of such previously installed facilities requested by Customer shall be made in accordance with Company's standard line extension rules. Following any such replacement, or enlargement, all separately installed special facility connections shall be billed as provided herein without application of monthly special facility charges, and maintained by Company in the same manner as Company's standard line extension facilities serving other Customers.

\*Indicates Change.

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APPLYING TO MISSOURI SERVICE AREA

GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

N. SPECIAL FACILITIES

1. General

Where Customer requests and Company agrees to install distribution facilities not normally contemplated for installation, or otherwise provided for, under Company's standard rate schedules, Company may at its option provide such facilities under the provisions of this section. Examples of facilities which fall into this category of "special" include, but are not limited to, duplicate or additional service facilities, excess transformer capacity or other distribution facilities, and facilities necessitated by special legal or engineering requirements.

2. Payments by Customer

Where Company agrees to supply distribution facilities under the provisions of this paragraph P in lieu of other alternatives available to Customer, Customer shall pay to Company a one-time contribution equal to the total additional costs incurred by Company in supplying such facilities. Customer shall also pay to Company an additional one-time contribution equal to ninety percent of such total additional costs for the present value of the Company's projected operations, maintenance and subsequent replacement cost of such facilities, which shall be continuously owned and maintained by Company. All charges payable to Company shall be non-refundable and due in advance of construction. Such payments by Customer shall be in addition to any payments required for electric facilities provided under the Company's standard line extension rules or other tariff charges.

3. Supply and Billing Standards

Company will designate the point of delivery of electric service relative to the installation of any additional facilities provided to Customer hereunder and the service supplied through such facilities installed on and after May 5, 1990 will not be cumulated or otherwise combined, for billing purposes, with any other service supplied to Customer. When total or partial replacement of any special facility installation is required, such revision will be made by Company at no cost to Customer. Any enlargement of such previously installed facilities requested by Customer shall be made in accordance with Company's standard line extension rules. Following any such replacement, or enlargement, all separately installed special facility connections shall be billed as provided herein without application of monthly special facility charges, and maintained by Company in the same manner as Company's standard line extension facilities serving other Customers.

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GENERAL RULES AND REGULATIONS

III. DISTRIBUTION SYSTEM EXTENSIONS (Cont'd.)

**M. MODIFICATION OR ENLARGEMENT OF DISTRIBUTION SYSTEM**

Modifications or enlargements of Company's distribution system associated with additional electrical load of existing customers shall be performed at no cost to customer provided the estimated additional annual net revenue to be received equals or exceeds the estimated cost of the distribution system modifications or enlargements. Where the estimated additional annual revenue to be received is less than Company's estimated modification or enlargement costs, or such revenue cannot be accurately projected, or customer credit standing acceptable to Company cannot be established, customer or responsible party will be required to enter into a guarantee agreement, as provided in Section III.P prior to the commencement of construction by Company. Additional annual net revenue, referred to herein, excludes customer's existing net revenue during the twelve months immediately preceding the extension modification from the guarantee agreement calculations.

Where modifications or enlargements of Company's distribution system are performed at the request of any existing customer and no additional revenue is anticipated therefrom, customer shall pay, in advance, the total estimated costs associated with such changes.

**N. RELOCATION OF THE DISTRIBUTION SYSTEM**

Company may, at its sole discretion, upon customer's request, relocate any distribution facilities providing service to customer and/or other parties to a right-of-way acceptable to Company, on or off customer's premises, following the payment by customer of the Company's total estimated cost of said relocation.

In the presence of physical conflicts associated with any new construction or enlargement of customer's premises or electrical load, Company may, at its sole discretion, upon customer's request, relocate any distribution facilities to a right-of-way acceptable to Company on or off customer's premises, following the payment by customer of the Company's estimated net cost of relocating its distribution facilities. The net cost of relocation referred to herein excludes any costs estimated by Company to be associated with the supply of any additional electrical requirements of customer, absent the relocation of any distribution facilities. The net relocation cost chargeable to customer may be refundable in whole or in part under the advance deposit provisions applicable to residential extensions.

When Company agrees to relocate existing overhead facilities with an underground installation, the customer will be responsible for all costs associated with the undergrounding of facilities including spare conduits, manholes, and other structures or equipment required to replace the to-be-vacated overhead right-of-way considering present and future needs as determined by Company.

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