

APPLYING TO MISSOURI SERVICE AREA

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**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), and 11(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:

\*Indicates Reissue.

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

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

"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.

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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 20 CSR 4240-20.092(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, IIL, and participation of "opt-out" customers in MEEIA Business Demand Response Programs.

"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.

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ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

ENERGY EFFICIENCY INVESTMENT RATE (EEIR) DETERMINATION

The EEIR during each applicable EP is a dollar per kWh rate for each applicable Service Classification calculated as follows:

$$EEIR = [NPC + NTD + NEO + NOA] / PE$$

Where:

NPC = Net Program Costs for the applicable EP as defined below,

$$NPC = PPC + PCR$$

PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP.

PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the PPC revenues billed resulting from the application of the NPC component of the EEIR and the actual Program Costs incurred through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining PCR balance from MEEIA 2016-18 shall be rolled into the PCR calculation starting February 2022.

NTD = Net Throughput Disincentive for the applicable EP as defined below,

$$NTD = PTD + TDR$$

PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP. For the detailed method for calculating the TD, see Sheet 91.17.

TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the PTD revenues billed during the previous EP resulting from the application of the NTD component of the EEIR and the Company's TD through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining TDR balance from MEEIA 2016-18 shall be rolled into the TDR calculation starting February 2024.

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ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

EEIR DETERMINATION (Cont'd.)

NEO = Net Earnings Opportunity for the applicable EP as defined below,

$$NEO = EO + EOR$$

EO = Earnings Opportunity is equal to the sum of the monthly amortizations of each Program Year's Earnings Opportunity Award multiplied by the number of billing months in the applicable EP.

A monthly amortization shall be determined by dividing each Program Year's Earnings Opportunity Award by 12. The monthly amortization of each Program Year's Earnings Opportunity Award will continue through each subsequent EEIR determination until such time that the total Earnings Opportunity Award for that Program Year has been fully amortized.

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the EO revenues billed resulting from the application of the EEIR and the monthly amortization of the EO through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining EO balance from MEEIA 2016-18 shall be rolled into the EOR calculation starting February 2022.

NOA = Net Ordered Adjustment for the applicable EP as defined below,

$$NOA = OA + OAR$$

OA = Ordered Adjustment is the amount of any adjustment to the EEIR ordered by the Commission as a result of prudence reviews and/or corrections under this Rider EEIC. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

OAR = Ordered Adjustment Reconciliation is equal to the cumulative difference, if any, between the OA revenues billed resulting from the application of the EEIR and the actual OA ordered by the Commission through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate.

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the Rider EEIC applies during the applicable EP.

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MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.5

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.5

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EEIR DETERMINATION (Cont'd.)

The EEIR components and total EEIR applicable to the individual Service Classifications shall be rounded to the nearest \$0.000001.

Allocations of charges for each applicable Service Classification will be made in accordance with the MEEIA 2019-21 Plan.

This Rider EEIC shall not be applicable to customers that have satisfied the opt-out provisions contained in Section 393.1075.7, RSMo or the Low-income exemption provisions described herein.

TD DETERMINATION

Monthly TD is the sum of the TD calculation for all End Use Categories and Demand Response Event Net Energy (DRENE).

The TD for each End Use Category shall be determined by the following formula:

$$TD = MS \times NMR \times NTGF$$

Where:

- TD = Throughput Disincentive, in dollars, to be collected for a given month, for a given Service Classification.
- MS = Monthly Savings, is the sum of all Programs' monthly savings, in kWh, for a given month, for a given Service Classification. The MS for each End Use Category shall be determined by the following formula:

$$MS = ((MAS_{CM} / 2) + CAS - RB) \times LS + DRENE_{CM}$$

Where:

MAS<sub>CM</sub> = The sum of (MC x ME) for all Measures in a Program in the current calendar month.

MC = Measure Count. MC for a given month, for a given Service Classification, for each Measure, is the number of each Measure installed in the current calendar month. For the Home Energy Report Program, the number of reports mailed during the current calendar month shall be used as the Measure Count.

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For MEEIA 2019-21 Plan

TD DETERMINATION (Cont'd.)

- ME = Measure Energy. ME will be determined as follows, for each Measure:
  - a. For Measures in the Deemed Savings Table (including Residential Demand Response energy savings not included in DRENE<sub>CM</sub>), the ME is the annual total of normalized savings for each Measure at customer meter per Measure defined in the Company's current Deemed Savings Table.
  - b. For Measures not in the Deemed Savings Table, the ME will be the annual value attributable to the installations reported monthly by the Program administrator.
  
- CM = Current calendar month.
  
- CAS = Cumulative sum of MAS of all prior calendar months for each End Use Category for the MEEIA 2019-21 Plan.
  
- 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 2019-21 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 2019-21 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 (included in the MEEIA 2019-21 Plan).
  
- DRENE<sub>CM</sub> = Demand Response Event Net Energy for the Current Month. DRENE<sub>CM</sub> is the net energy savings resulting from demand response events during the month as reported by the program administrator consistent with TRM guidance. DRENE<sub>CM</sub> incurred during the time period used for establishing billing determinants in general rate proceedings will be added back to those billing determinants and will not be included in the Rebasing Adjustment.

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St. Louis, Missouri  
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**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

3rd Revised

SHEET NO. 91.7

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

2nd Revised

SHEET NO. 91.7

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**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	0.053462	0.060078
February	0.05329	0.058437
March	0.054838	0.061109
April	0.059094	0.069194
May	0.060398	0.072405
June	0.122034	0.104534
July	0.122029	0.104534
August	0.122026	0.104534
September	0.122025	0.104534
October	0.055929	0.065839
November	0.059523	0.068313
December	0.05597	0.064322

Month	MISC./AIR COMP./ PROCESS/MOTORS			COOLING			EXT LIGHTING		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.039933	0.03983	0.027657	0.042347	0.037643	0.019985	0.029302	0.028397	0.021387
February	0.039879	0.040202	0.026662	0.042303	0.037594	0.019985	0.029326	0.027067	0.02113
March	0.041041	0.040568	0.027882	0.044435	0.038481	0.019985	0.029966	0.027428	0.020184
April	0.041168	0.041614	0.031622	0.052475	0.049109	0.03295	0.031091	0.028527	0.021803
May	0.042223	0.043745	0.035316	0.057163	0.061143	0.056022	0.030399	0.027924	0.020313
June	0.082789	0.081033	0.057204	0.105501	0.107651	0.084661	0.052363	0.045347	0.022671
July	0.079558	0.076974	0.056995	0.097806	0.095873	0.067923	0.050639	0.043923	0.022068
August	0.079958	0.077622	0.055844	0.100427	0.100786	0.074856	0.04998	0.043657	0.022741
September	0.078108	0.076565	0.055169	0.104915	0.108021	0.086939	0.050804	0.044395	0.022656
October	0.041532	0.042224	0.035621	0.053384	0.05407	0.034375	0.030172	0.027672	0.020244
November	0.042439	0.042845	0.030718	0.053624	0.044588	0.019985	0.030645	0.027787	0.020007
December	0.040814	0.039836	0.028008	0.043709	0.040073	0.019985	0.029829	0.02732	0.020132

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Chairman & President  
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St. Louis, Missouri  
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**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

2nd Revised

SHEET NO. 91.8

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

1st Revised

SHEET NO. 91.8

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**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	0.044353	0.04669	0.032084	0.042067	0.042353	0.02904	0.03831	0.037731	0.026307
February	0.044898	0.04547	0.030335	0.041754	0.042376	0.027429	0.038171	0.038	0.025505
March	0.047189	0.046181	0.030248	0.043167	0.043025	0.028795	0.03925	0.039367	0.027584
April	0.04556	0.04361	0.032206	0.043825	0.04528	0.034922	0.03993	0.04041	0.031132
May	0.049112	0.051957	0.045136	0.044804	0.04718	0.038472	0.040525	0.041471	0.033181
June	0.104393	0.106351	0.083407	0.088136	0.087298	0.063132	0.078928	0.076507	0.05381
July	0.097296	0.095311	0.067433	0.084611	0.081883	0.061244	0.07575	0.072471	0.050488
August	0.099752	0.100024	0.074159	0.085113	0.083453	0.059843	0.076244	0.073424	0.051031
September	0.100333	0.102651	0.081517	0.080563	0.079449	0.058082	0.074469	0.072287	0.050847
October	0.046998	0.047781	0.034575	0.044019	0.045408	0.039397	0.039891	0.04011	0.033488
November	0.047978	0.046186	0.03766	0.044611	0.04561	0.032081	0.0407	0.040693	0.028757
December	0.04489	0.045091	0.027266	0.042421	0.041578	0.028633	0.039168	0.037767	0.02694

Month	COOK.			DHW			HEAT.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.041344	0.040557	0.027354	0.040855	0.039265	0.026267	0.040834	0.044441	0.032084
February	0.041013	0.041268	0.026422	0.040337	0.040346	0.025484	0.041431	0.043257	0.03035
March	0.042275	0.043454	0.030078	0.041316	0.042657	0.029351	0.043621	0.044178	0.030592
April	0.043937	0.045587	0.03593	0.043314	0.044724	0.034934	0.043447	0.043381	0.036262
May	0.044505	0.046787	0.038129	0.044002	0.046118	0.037512	0.041351	0.043248	0.033402
June	0.089441	0.088827	0.065106	0.089336	0.088703	0.067309	0.051774	0.044656	0.021972
July	0.085672	0.083249	0.056918	0.085674	0.081969	0.053973	0.050084	0.043244	0.021972
August	0.086514	0.085038	0.059726	0.086429	0.084942	0.058884	0.0494	0.042998	0.021972
September	0.083474	0.082869	0.061537	0.082272	0.081456	0.06011	0.080808	0.079738	0.058374
October	0.043712	0.045005	0.038775	0.043231	0.044395	0.038741	0.041339	0.042856	0.037202
November	0.044334	0.045767	0.030751	0.043945	0.045121	0.029776	0.043161	0.042256	0.038538
December	0.04247	0.041034	0.02942	0.042142	0.040205	0.029106	0.04107	0.042143	0.027269

Month	OFFICE			VENT		
	3M	4M	11M	3M	4M	11M
January	0.039905	0.04015	0.028048	0.038271	0.038379	0.026788
February	0.039653	0.039886	0.026605	0.038151	0.037846	0.025542
March	0.040764	0.040288	0.027688	0.039247	0.038536	0.026501
April	0.041054	0.041517	0.031542	0.04014	0.040491	0.031023
May	0.042081	0.043546	0.035127	0.040901	0.041977	0.033638
June	0.08071	0.078597	0.054716	0.078419	0.07591	0.052305
July	0.077647	0.074936	0.055958	0.076002	0.073132	0.05374
August	0.077959	0.075362	0.054065	0.076296	0.073482	0.052444
September	0.074918	0.072815	0.051381	0.073821	0.071525	0.050077
October	0.041406	0.042064	0.035465	0.040269	0.040608	0.033927
November	0.042134	0.042249	0.030362	0.040471	0.039817	0.028296
December	0.040219	0.039189	0.027129	0.039382	0.038495	0.026752

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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 and for the 2024 Program Year will be 0.65 except that for low-income programs it will be 1.0.

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 and for the 2023 Program Year item (11) of the Non-Unanimous Stipulation And Agreement Regarding The Implementation Certain MEEIA Programs Through Plan Year 2023 And Motion For Expedited Treatment and for the 2024 Program Year item (5) of the Non-Unanimous Stipulation And Agreement Regarding The Implementation of Certain MEEIA Programs Through Plan Year 2024 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 and for the 2024 Program Year will be 0.65 except that for low-income programs it will be 1.0.

\*Indicates Reissue.

DATE OF ISSUE November 27, 2024

DATE EFFECTIVE December 27, 2024

ISSUED BY Mark C. Birk  
NAME OF OFFICER

Chairman & President  
TITLE

St. Louis, Missouri  
ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

MO.P.S.C. SCHEDULE NO. 6 2nd Revised SHEET NO. 91.10

CANCELLING MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.10

APPLYING TO MISSOURI SERVICE AREA

\*

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2019-21 Plan

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.

\*Indicates Reissue.

DATE OF ISSUE November 27, 2024 DATE EFFECTIVE December 27, 2024

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

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

APPLYING TO MISSOURI SERVICE AREA

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**\*THIS SHEET RESERVED FOR FUTURE USE**

\*Indicates Change.

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DATE OF ISSUE November 22, 2019 DATE EFFECTIVE February 1, 2020

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



APPLYING TO MISSOURI SERVICE AREA

\*

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**  
**For MEEIA 2025-27 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 2025-27 Plan and/or remaining unrecovered Program Cost balances for MEEIA 2019-21 including 2022, 2023, and 2024 extension years;
  - ii) Company's TD incurred in the MEEIA 2025-27 Plan and/or remaining unrecovered TD balances for MEEIA 2019-21 including 2022, 2023, and 2024 extension years;
  - iii) Amortization of Earnings Opportunity Award ordered by the Missouri Public Service Commission (Commission) for the MEEIA 2025-27 Plan and/or remaining unrecovered EO balances for MEEIA 2019-21 including 2022, 2023, and 2024 extension years.
- 3) Any Ordered Adjustments.

Charges under this Rider EEIC shall continue after the anticipated December 31, 2027 end of the MEEIA 2025-27 Plan until such time as the charges described in items 1), 2), and 3) above have been billed.

Charges arising from the MEEIA 2025-27 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 2025-27 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 months for which an approved EEIR is to be effective, i. e., the twelve (12) calendar months beginning with February and ending with January unless there is an additional Rider EEIC filing made to change the Energy Efficiency Investment Rate components during a calendar year, the EP for such a filing shall begin with either June or October and end with the subsequent January.

"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 2025-27 Plan.

\*Indicates Addition.

APPLYING TO MISSOURI SERVICE AREA

\*

**RIDER EEIC**

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

**For MEEIA 2025-27 Plan**

**DEFINITIONS (Cont'd.)**

"Incremental Internal Labor Cost and Associated Benefits" (IIL) means the labor costs and associated benefits of personnel incurred during the EP 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 for reimbursement or providing a cost discount for eligible upgrades, 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.

"Income Eligible" customers means those Service Classification 1(M) residential customers considered low income as used in the Missouri Energy Efficiency Investment Act, 393.1075 RSMo., and the Commission rules, 20 CSR 4240-20.094. 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 20 CSR 4240-20.092(1)FF.

"MEEIA 2019-21 Plan" means Company's "2019-21 MEEIA Energy Efficiency Plan" approved in File No. EO-2018-0211 as may be amended, including, but not limited to, extension years 2022, 2023, and 2024.

"MEEIA 2025-27 Plan" means Company's "2025-27 MEEIA Energy Efficiency Plan" approved in File No. EO-2023-0136 as may be amended.

"Programs" means MEEIA 2025-27 programs listed in tariff sheet no. 174.

"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, Pay As You Save (PAYS) unpaid charges and interest applicable to non-participants, IIL, and participation of "opt out" customers in MEEIA Business Demand Response Programs.

"Program Year" means the period of Programs that ends on December 31 of each year of the MEEIA 2025-27 Plan with the exception of Demand Response, which will extend through February 29, 2028. Each Program Year will be 12 months long, except for the aforementioned exception.

"TRM" means the Company's Technical Resource Manual (attached as Appendices G-I to the MEEIA 2025-27 Plan) and updated based on EM&V ex-post gross adjustments.

\*Indicates Addition.

DATE OF ISSUE November 27, 2024 DATE EFFECTIVE December 27, 2024

ISSUED BY Mark C. Birk 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 2025-27 Plan**

**ENERGY EFFICIENCY INVESTMENT RATE (EEIR) DETERMINATION**

The EEIR during each applicable EP is a dollar per kWh rate for each applicable Service Classification calculated as follows:

$$EEIR = [NPC + NTD + NEO + NOA] / PE$$

Where:

NPC = Net Program Costs for the applicable EP as defined below,

$$NPC = PPC + PCR$$

PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP.

PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the PPC revenues billed resulting from the application of the NPC component of the EEIR and the actual Program Costs incurred through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining PCR balance from MEEIA 2019-21 shall be rolled into the PCR calculation starting February 2026.

NTD = Net Throughput Disincentive for the applicable EP as defined below,

$$NTD = PTD + TDR$$

PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP. For the detailed method for calculating the TD, see Sheet 91.17.

TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the PTD revenues billed during the previous EP resulting from the application of the NTD component of the EEIR and the Company's TD through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining TDR balance from MEEIA 2019-21 shall be rolled into the TDR calculation starting February 2028.

\*Indicates Addition.

DATE OF ISSUE November 27, 2024 DATE EFFECTIVE December 27, 2024

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

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.16

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.16

APPLYING TO MISSOURI SERVICE AREA

\*

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2025-27 Plan

EEIR DETERMINATION (Cont'd.)

NEO = Net Earnings Opportunity for the applicable EP as defined below,

NEO = EO + EOR

EO = Earnings Opportunity is equal to the sum of the monthly amortizations of each Program Year's Earnings Opportunity Award multiplied by the number of billing months in the applicable EP.

A monthly amortization shall be determined by dividing each Program Year's Earnings Opportunity Award by 12. The monthly amortization of each Program Year's Earnings Opportunity Award will continue through each subsequent EEIR determination until such time that the total Earnings Opportunity Award for that Program Year has been fully amortized.

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the EO revenues billed resulting from the application of the EEIR and the monthly amortization of the EO through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate. Any remaining EO balance from MEEIA 2019-21 shall be rolled into the EOR calculation starting February 2028.

NOA = Net Ordered Adjustment for the applicable EP as defined below,

NOA = OA + OAR

OA = Ordered Adjustment is the amount of any adjustment to the EEIR ordered by the Commission as a result of prudence reviews and/or corrections under this Rider EEIC. Such amounts shall include monthly interest at the Company's monthly short-term borrowing rate.

OAR = Ordered Adjustment Reconciliation is equal to the cumulative difference, if any, between the OA revenues billed resulting from the application of the EEIR and the actual OA ordered by the Commission through the end of the previous EP (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate.

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the Rider EEIC applies during the applicable EP.

\*Indicates Addition.

DATE OF ISSUE November 27, 2024 DATE EFFECTIVE December 27, 2024

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

MO.P.S.C. SCHEDULE NO. 6 1st Revised SHEET NO. 91.17

CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.17

APPLYING TO MISSOURI SERVICE AREA

\*

**RIDER EEIC**  
**ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)**  
**For MEEIA 2025-27 Plan**

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

The EEIR components and total EEIR applicable to the individual Service Classifications shall be rounded to the nearest \$0.000001.

Allocations of charges for each applicable Service Classification will be made in accordance with the MEEIA 2025-27 Plan.

This Rider EEIC shall not be applicable to customers that have satisfied the opt-out provisions contained in Section 393.1075.7, RSMo or the Income Eligible exemption provisions described herein.

**TD DETERMINATION**

Monthly TD is the sum of the TD calculation for all End Use Categories.

The TD for each End Use Category shall be determined by the following formula:

$$TD = MS \times NMR \times NTGF$$

Where:

TD = Throughput Disincentive, in dollars, to be collected for a given month, for a given Service Classification.

MS = Monthly Savings, is the sum of all Programs' monthly savings, in kWh, for a given month, for a given Service Classification. The MS for each End Use Category shall be determined by the following formula:

$$MS = ((MAS_{CM} / 2) + CAS - RB) \times LS$$

Where:

MAS<sub>CM</sub> = The sum of (MC x ME) for all Measures in a Program in the current calendar month.

MC = Measure Count. MC for a given month, for a given Service Classification, for each Measure, is the number of each Measure installed in the current calendar month.

\*Indicates Addition.

DATE OF ISSUE November 27, 2024 DATE EFFECTIVE December 27, 2024

ISSUED BY Mark C. Birk 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 2025-27 Plan

TD DETERMINATION (Cont'd.)

- ME = Measure Energy. ME will be determined as follows, for each Measure:
  - a. For Measures in the Deemed Savings Table, the ME is the annual total of normalized savings for each Measure at customer meter per Measure defined in the Company's current Deemed Savings Table.
  - b. For Measures not in the Deemed Savings Table, the ME will be the annual value attributable to the installations reported monthly by the Program administrator.
  
- CM = Current calendar month.
  
- CAS = Cumulative sum of MAS of all prior calendar months for each End Use Category for the MEEIA 2025-27 Plan.
  
- 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 2025-27 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 2025-27 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 (included in the MEEIA 2025-27 Plan).

\*Indicates Addition.

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DATE OF ISSUE November 27, 2024      DATE EFFECTIVE December 27, 2024

ISSUED BY Mark C. Birk      Chairman & President      St. Louis, Missouri

NAME OF OFFICER      TITLE      ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd 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	0.053462	0.060078
February	0.05329	0.058437
March	0.054838	0.061109
April	0.059094	0.069194
May	0.060398	0.072405
June	0.122034	0.104534
July	0.122029	0.104534
August	0.122026	0.104534
September	0.122025	0.104534
October	0.055929	0.065839
November	0.059523	0.068313
December	0.05597	0.064322

Month	MISC./AIR COMP./ PROCESS/MOTORS			COOLING			EXT LIGHTING		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.039933	0.03983	0.027657	0.042347	0.037643	0.019985	0.029302	0.028397	0.021387
February	0.039879	0.040202	0.026662	0.042303	0.037594	0.019985	0.029326	0.027067	0.02113
March	0.041041	0.040568	0.027882	0.044435	0.038481	0.019985	0.029966	0.027428	0.020184
April	0.041168	0.041614	0.031622	0.052475	0.049109	0.03295	0.031091	0.028527	0.021803
May	0.042223	0.043745	0.035316	0.057163	0.061143	0.056022	0.030399	0.027924	0.020313
June	0.082789	0.081033	0.057204	0.105501	0.107651	0.084661	0.052363	0.045347	0.022671
July	0.079558	0.076974	0.056995	0.097806	0.095873	0.067923	0.050639	0.043923	0.022068
August	0.079958	0.077622	0.055844	0.100427	0.100786	0.074856	0.04998	0.043657	0.022741
September	0.078108	0.076565	0.055169	0.104915	0.108021	0.086939	0.050804	0.044395	0.022656
October	0.041532	0.042224	0.035621	0.05384	0.05407	0.034375	0.030172	0.027672	0.020244
November	0.042439	0.042845	0.030718	0.053624	0.044588	0.019985	0.030645	0.027787	0.020007
December	0.040814	0.039836	0.028008	0.043709	0.040073	0.019985	0.029829	0.02732	0.020132

\*Indicates Change.

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

DATE OF ISSUE June 19, 2023 DATE EFFECTIVE July 9, 2023

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

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

CANCELLING MO.P.S.C. SCHEDULE NO. 6 2nd 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	0.044353	0.04669	0.032084	0.042067	0.042353	0.02904	0.03831	0.037731	0.026307
February	0.044898	0.04547	0.030335	0.041754	0.042376	0.027429	0.038171	0.038	0.025505
March	0.047189	0.046181	0.030248	0.043167	0.043025	0.028795	0.03925	0.039367	0.027584
April	0.04556	0.04361	0.032206	0.043825	0.04528	0.034922	0.03993	0.04041	0.031132
May	0.049112	0.051957	0.045136	0.044804	0.04718	0.038472	0.040525	0.041471	0.033181
June	0.104393	0.106351	0.083407	0.088136	0.087298	0.063132	0.078928	0.076507	0.05381
July	0.097296	0.095311	0.067433	0.084611	0.081883	0.061244	0.07575	0.072471	0.050488
August	0.099752	0.100024	0.074159	0.085113	0.083453	0.059843	0.076244	0.073424	0.051031
September	0.100333	0.102651	0.081517	0.080563	0.079449	0.058082	0.074469	0.072287	0.050847
October	0.046998	0.047781	0.034575	0.044019	0.045408	0.039397	0.039891	0.04011	0.033488
November	0.047978	0.046186	0.03766	0.044611	0.04561	0.032081	0.0407	0.040693	0.028757
December	0.04489	0.045091	0.027266	0.042421	0.041578	0.028633	0.039168	0.037767	0.02694

Month	COOK.			DHW			HEAT.		
	3M	4M	11M	3M	4M	11M	3M	4M	11M
January	0.041344	0.040557	0.027354	0.040855	0.039265	0.026267	0.040834	0.044441	0.032084
February	0.041013	0.041268	0.026422	0.040337	0.040346	0.025484	0.041431	0.043257	0.03035
March	0.042275	0.043454	0.030078	0.041316	0.042657	0.029351	0.043621	0.044178	0.030592
April	0.043937	0.045587	0.03593	0.043314	0.044724	0.034934	0.043447	0.043381	0.036262
May	0.044505	0.046787	0.038129	0.044002	0.046118	0.037512	0.041351	0.043248	0.033402
June	0.089441	0.088827	0.065106	0.089336	0.088703	0.067309	0.051774	0.044656	0.021972
July	0.085672	0.083249	0.056918	0.085674	0.081969	0.053973	0.050084	0.043244	0.021972
August	0.086514	0.085038	0.059726	0.086429	0.084942	0.058884	0.0494	0.042998	0.021972
September	0.083474	0.082869	0.061537	0.082272	0.081456	0.06011	0.080808	0.079738	0.058374
October	0.043712	0.045005	0.038775	0.043231	0.044395	0.038741	0.041339	0.042856	0.037202
November	0.044334	0.045767	0.030751	0.043945	0.045121	0.029776	0.043161	0.042256	0.038538
December	0.04247	0.041034	0.02942	0.042142	0.040205	0.029106	0.04107	0.042143	0.027269

Month	OFFICE			VENT		
	3M	4M	11M	3M	4M	11M
January	0.039905	0.04015	0.028048	0.038271	0.038379	0.026788
February	0.039653	0.039886	0.026605	0.038151	0.037846	0.025542
March	0.040764	0.040288	0.027688	0.039247	0.038536	0.026501
April	0.041054	0.041517	0.031542	0.04014	0.040491	0.031023
May	0.042081	0.043546	0.035127	0.040901	0.041977	0.033638
June	0.08071	0.078597	0.054716	0.078419	0.07591	0.052305
July	0.077647	0.074936	0.055958	0.076002	0.073132	0.05374
August	0.077959	0.075362	0.054065	0.076296	0.073482	0.052444
September	0.074918	0.072815	0.051381	0.073821	0.071525	0.050077
October	0.041406	0.042064	0.035465	0.040269	0.040608	0.033927
November	0.042134	0.042249	0.030362	0.040471	0.039817	0.028296
December	0.040219	0.039189	0.027129	0.039382	0.038495	0.026752

\*Indicates Change.

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

DATE OF ISSUE June 19, 2023 DATE EFFECTIVE July 9, 2023

ISSUED BY Mark C. Birk 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 2025-27 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 2025-27 Plan.

NTGF = Net-To-Gross Factor. For each Program Year, TD calculations will assume a NTGF of 1.0 for the Business Social Services, Single Family Income Eligible, Multifamily Income Eligible, and the PAYS programs. TD calculations for the Business program will utilize a NTGF of 0.7.

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 "Non-Unanimous Stipulation and Agreement Regarding the Implementation of Certain MEEIA 4 Programs through Plan Year 2027" as Attachment A. 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 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.

**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 Addition.

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

5th Revised

SHEET NO. 91.22

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

4th Revised

SHEET NO. 91.22

APPLYING TO MISSOURI SERVICE AREA

\*

RIDER EEIC

ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)

For MEEIA 2025-27 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.

\*Indicates Addition.

DATE OF ISSUE November 27, 2024

DATE EFFECTIVE December 27, 2024

ISSUED BY Mark C. Birk  
NAME OF OFFICER

Chairman & President  
TITLE

St. Louis, Missouri  
ADDRESS

**UNION ELECTRIC COMPANY**

**ELECTRIC SERVICE**

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

CANCELLING MO.P.S.C. SCHEDULE NO. 6 5th 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, 2025 through January 31, 2026)

\* **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	(\$0.000265)	(\$0.000007)	\$0.000419	\$0.000001
2 (M) -Small General Service	\$0.000055	\$0.000283	\$0.000423	\$0.000000
3 (M) -Large General Service	\$0.000060	\$0.000019	\$0.000447	\$0.000000
4 (M) -Small Primary Service	\$0.000094	\$0.000077	\$0.000444	\$0.000000
11 (M) -Large Primary Service	\$0.000325	\$0.000214	\$0.000586	\$0.000000

\* **MEEIA 2025-27 EEIR Components (Applicable to MEEIA Cycle 4 Plan)**

Service Class	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)
1 (M) -Residential Service	\$0.001955	\$0.000068	\$0.000000	\$0.000000
2 (M) -Small General Service	\$0.002027	\$0.000031	\$0.000000	\$0.000000
3 (M) -Large General Service	\$0.002027	\$0.000075	\$0.000000	\$0.000000
4 (M) -Small Primary Service	\$0.002027	\$0.000057	\$0.000000	\$0.000000
11 (M) -Large Primary Service	\$0.002026	\$0.000035	\$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	\$0.001690	\$0.000061	\$0.000419	\$0.000001	\$0.002171
2 (M) -Small General Service	\$0.002082	\$0.000314	\$0.000423	\$0.000000	\$0.002819
3 (M) -Large General Service	\$0.002087	\$0.000094	\$0.000447	\$0.000000	\$0.002628
4 (M) -Small Primary Service	\$0.002121	\$0.000134	\$0.000444	\$0.000000	\$0.002699
11 (M) -Large Primary Service	\$0.002351	\$0.000249	\$0.000586	\$0.000000	\$0.003186

\*Indicates Change.

DATE OF ISSUE November 27, 2024 DATE EFFECTIVE February 1, 2025

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