

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

4th Revised

SHEET NO. 90.5

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

3rd Revised

SHEET NO. 90.5

APPLYING TO MISSOURI SERVICE AREA

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

**Exhibit 1  
Appendix D**

\* Indicates Change.

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 1st Revised SHEET NO. 91CANCELLING MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91APPLYING 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:

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

UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.1

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**

**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 included 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.

DATE OF ISSUE February 5, 2016 DATE EFFECTIVE March 6, 2016ISSUED BY Michael Moehn President St. Louis, Missouri  
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.2

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

APPLYING TO MISSOURI SERVICE AREARIDER EEICENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)For MEEIA Cycle 2 PlanDEFINITIONS (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.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.3

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

APPLYING TO MISSOURI SERVICE AREARIDER EEICENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)For MEEIA Cycle 2 PlanENERGY 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 Cycle 1 shall be rolled into the PCR calculation starting February 2017.

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 91.6.

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 Cycle 1 shall be rolled into the TDR calculation starting February 2017.

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

$$NEO = EO + EOR$$

EO = Earnings Opportunity is equal to the Earnings Opportunity Award monthly amortization multiplied by the number of billing months in the applicable EP.

DATE OF ISSUE February 5, 2016 DATE EFFECTIVE March 6, 2016ISSUED 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. 91.4

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

APPLYING TO MISSOURI SERVICE AREARIDER EEICENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)For MEEIA Cycle 2 PlanEEIR DETERMINATION (Cont'd.)

The monthly amortization shall be determined by dividing the Earnings Opportunity Award by the number of available billing months between the first billing month of the first EEIR filing after the determination of the Earnings Opportunity Award and 24 calendar months following the end of the annual period in which the Earnings Opportunity Award is determined.

The number of applicable billing months in the EP shall be the number of applicable billing months less the number of months including Earnings Opportunity Award amortization from previous EPs.

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the EO revenues billed resulting from the application of the NEO+NPI component of the EEIR and the monthly amortization of the Performance Incentive Award 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 PIR balance from MEEIA Cycle 1 shall be rolled into the EOR calculation starting February 2019.

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 Rider EEIC 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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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

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

APPLYING TO MISSOURI SERVICE AREARIDER EEICENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)For MEEIA Cycle 2 PlanEEIR 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 for the MEEIA 2016-18 Plan will be made in accordance with the Stipulation and Agreement in File No. EO-2015-0055, Company's MEEIA 2016-18 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.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.6

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

Monthly TD is the sum of the TD calculation for all End Use Categories applicable to Service Classifications as set out in the Availability section herein.

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:

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

Where:

$MAS_{CM}$  = 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.

ME = Measure Energy. ME will be determined as follows, for each Measure:

- a. Prior to finalization of EM&V for MEEIA 2016-18 Plan, Year 1 programs, for Measures not listed under those programs listed in (c) below, the ME is the annual total of normalized savings for each measure at customer meter per measure defined in the Company's Technical Resource Manual (TRM).
- b. After finalization of EM&V for MEEIA 2016-18 Plan, Year 1 programs, for Measures not listed under those programs listed in (c) below, the ME is the annual total of normalized savings for each measure at customer meter per measure defined in the updated TRM (which will be updated based on EM&V ex-post gross adjustments determined for Year 1 no later than 24 months after the commencement of MEEIA 2016-18 Plan).

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

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.7

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.)**

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

DATE OF ISSUE February 5, 2016 DATE EFFECTIVE March 6, 2016ISSUED BY Michael Moehn President St. Louis, Missouri  
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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 91.9

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**

**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>\$ 27,471,935</b>			<b>\$ 38,783,516</b>
Total Cap Including TD Adjustments							\$ 53,783,516

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

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

APPLYING TO MISSOURI SERVICE AREARIDER EEICENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)For MEEIA Cycle 2 PlanFILING

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.

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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)**

<b>Service Class</b>	<b>NPC/PE (\$/kWh)</b>	<b>NTD/PE (\$/kWh)</b>	<b>NPI/PE (\$/kWh)</b>	<b>NOA/PE (\$/kWh)</b>
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)**

<b>Service Class</b>	<b>NPC/PE (\$/kWh)</b>	<b>NTD/PE (\$/kWh)</b>	<b>NEO/PE (\$/kWh)</b>	<b>NOA/PE (\$/kWh)</b>
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**

<b>Service Class</b>	<b>NPC (\$/kWh)</b>	<b>NTD (\$/kWh)</b>	<b>(NEO+NPI) (\$/kWh)</b>	<b>NOA (\$/kWh)</b>	<b>Total EEIR (\$/kWh)</b>
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>

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UNION ELECTRIC COMPANY

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MO.P.S.C. SCHEDULE NO. 61st RevisedSHEET NO. 174CANCELLING MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 174APPLYING TO MISSOURI SERVICE AREA**TABLE OF CONTENTS****ENERGY EFFICIENCY AND DEMAND SIDE MANAGEMENT PROGRAMS**

	<b><u>SHEET NO.</u></b>
<b><u>WEATHERIZATION PROGRAM</u></b>	175
<b><u>BUSINESS ENERGY EFFICIENCY (Programs Effective 2013-15)</u></b>	181
Standard Incentive Program	182
Custom Incentive Program	183
Retro-Commissioning Program	184
New Construction Incentive Program	185
<b><u>RESIDENTIAL ENERGY EFFICIENCY (Programs Effective 2013-15)</u></b>	191
Lighting Program	192
Energy Efficient Products Program	193
HVAC	194
Refrigerator Recycling Program	195
Home Energy Performance Pilot	196
Energy Star® New Homes	197
Multifamily Low Income Program	198
<b><u>*BUSINESS ENERGY EFFICIENCY MEEIA 2016-18</u></b>	201
Standard Incentive Program	202
Custom Incentive Program	203
Retro-Commissioning Program	204
New Construction Incentive Program	205
Small Business Direct Install Incentive Program	206
<b><u>*RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18</u></b>	211
Lighting Program	212
Energy Efficient Products Program	213
HVAC Program	214
Home Energy Reports Program	215
Multi-Family Low Income Program	216
Energy Efficiency Kits Program	217

\*Indicates Addition

DATE OF ISSUE February 5, 2016 DATE EFFECTIVE March 6, 2016ISSUED BY Michael Moehn President St. Louis, Missouri  
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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****PURPOSE**

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

**DEFINITIONS**

Unless otherwise defined, capitalized terms used in Tariff Sheet Nos. 201 through 206 have the following meanings:

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

DSIM (Demand-Side Programs Investment Mechanism) - A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2015-0055.

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

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

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

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

Program Period - The period from March 1, 2016 through February 28, 2019 unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company website [AmerenMissouri.com](http://AmerenMissouri.com).

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

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

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****DEFINITIONS (Cont'd.)**

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

**AVAILABILITY**

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

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

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

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

A customer electing not to participate (opt-out) must provide written notice to the electric utility no earlier than September 1 and not later than October 30 to be effective for the following calendar year but shall still be allowed to participate in interruptible or curtailable rate schedules of tariffs offered by the electric utility. None of the business energy efficiency programs are considered to be an interruptible or curtailable rate schedule. Upon election by a customer to opt-out, either under this or earlier MEEIA programs, that designation will continue unless Company is notified the customer wishes to revoke their opt-out status.

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

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APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****TERM**

This tariff and the tariffs reflecting each specific business energy efficiency program shall be effective from March 1, 2016 through February 28, 2019, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com](http://AmerenMissouri.com) to determine the status of the programs. Programs may have earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com).

If the programs are terminated prior to February 28, 2019 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

**DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

1. Standard Incentive Program
2. Custom Incentive Program
3. Retro-commissioning Incentive Program
4. New Construction Incentive Program
5. Small Business Direct Install Incentive Program

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, Measure Ranges, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms will be provided on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com), or by calling toll free 1-866-941-7299.

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

APPLYING TO MISSOURI SERVICE AREABUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)CHANGE PROCESS

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs.

1. Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
2. Discuss proposed change with implementer;
3. Discuss proposed change with evaluator;
4. Analyze impact on program and portfolio (Cost effectiveness, goal achievement, etc.);
5. Inform the Staff, Office of the Public Counsel, and the Missouri Department of Economic Development - Division of Energy (DE) of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public counsel, and the DE are informed and provided the above-referenced analysis);
6. Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
7. Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
8. Make changes to forms and promotional materials;
9. Update program website;
10. File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2015-0055; and
11. Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****PROGRAM COSTS**

Costs of the Business Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Small General Service Rate 2(M), Large General Service Rate 3(M), Small Primary Service Rate 4(M), Large Primary Service Rate 11(M), and Large Transmission Service Rate 12(M) rate schedules. All customers taking service under said rate schedules shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder, unless they have opted-out as provided for previously.

**PROGRAM DESCRIPTIONS**

The following pages contain other descriptions and terms for the programs being offered under this tariff.

**CHANGES IN MEASURES OR INCENTIVES**

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in File No. EO-2015-0055. The offering of Measures not contained within Company's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [AmerenMissouri.com](http://AmerenMissouri.com). The Measures and Incentives being offered are subject to change - customers must consult [AmerenMissouri.com](http://AmerenMissouri.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in File No. EO-2015-0055, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Standard Incentive Program****PURPOSE**

The Standard Incentive Program will provide pre-set Incentives for energy efficient products that are readily available in the marketplace. Standard Incentives will be fixed per each Measure. The primary objective of the Standard Incentive Program is to provide an expedited, simple solution for customers interested in purchasing efficient technologies that will produce verifiable energy savings.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the Standard Incentive Program Provisions, below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Standard Incentives for Measures will be provided to qualifying customers that provide completed Standard Incentive Applications as indicated below:

1. Customer must complete a Standard Incentive Application form, available at [AmerenMissouri.com](http://AmerenMissouri.com);
2. Customer must provide proof of equipment purchase and installation;
3. Measures must be purchased and installed after March 1, 2016;
4. Measures which customer has received an Incentive under a different Business or Residential energy efficiency Program are not eligible for this Standard Incentive Program;
5. Measures must be part of a Project having an installed TRC ratio greater than 1.0; and
6. Standard Measures must be installed as a retrofit in an existing facility;

By applying for the Standard Incentive Program, the customer agrees that the Project may be subject to random on-site inspections by the Program Administrator.

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Standard Incentive Program (Cont'd.)****ELIGIBLE MEASURES AND INCENTIVES**

Standard Incentives filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered during the Program Period. These include, but are not limited to, the following equipment types:

1. HVAC (Heating, Ventilation, and Air-conditioning)
2. Lighting
3. Refrigeration
4. Cooking
5. Water Heating
6. Motors

Eligible Incentives directly paid to customers and Measures can be found at [AmerenMissouri.com](http://AmerenMissouri.com)

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Custom Incentive Program****PURPOSE**

The Custom Incentive Program will provide financial assistance to customers to support implementation of energy efficiency improvement opportunities which are available at the time of new equipment purchases, facility modernization, and industrial process improvement. A "Custom Incentive" is a direct payment or bill credit to a Participant for installation of Measures that are part of Projects that have been pre-approved by the Program Administrator.

The Custom Incentive Program will include a pilot of energy management system measures. The purpose of the pilot is to evaluate the impact to the commercial market for automated controls that monitor and optimize the use of energy. The pilot will be used to evaluate energy and demand savings, cost and customer uptake with associated incentives.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet Custom Incentive Program Provisions below.

The pilot for energy management system measures will be available to private/public k-12 schools & tax exempt organizations during the Program Period unless the Program cap is reached prior to March 2019.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Customers may apply for a Custom Incentive for Measures under consideration which:

1. Reduce energy consumption compared to the currently installed system or, in the case of a new system, the standard efficiency system currently available;
2. Have not yet been installed and for which purchase and/or installation commitments have not yet been made;
3. Have not received an Incentive for the measure under a different Business or Residential energy efficiency Program;
4. Are not one of the Measures eligible for an Incentive under the Standard Incentive Program; and
5. Are being installed in an existing facility.

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MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 203.1

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Custom Incentive Program (Cont'd.)****PROGRAM PROVISIONS (Cont'd.)**

Prior to purchasing and installing Measure(s), Applicant must submit a Custom Incentive Application form that provides data about the applicable facility and potential Measure(s). The Company or Program Administrator will perform a desk review of the Custom Incentive Application to determine eligibility, Measure Benefit Cost Test results, estimated energy savings and Custom Incentive amount for each Measure. The Program Administrator may perform a site visit to verify baseline conditions. If approved, the Program Administrator will reserve the Custom Incentive amount and notify the Participant of the Measure(s) approval.

Following installation of approved Custom Measures, the Participant will submit a Completion Certificate to the Program Administrator. The Completion Certificate will require supporting project documentation to include but not limited to: final Custom Measure costs, a completion date for each Custom Measure, specification sheets, and invoices for all Custom Measures. If necessary, the Custom Incentive amount will be recalculated. Every Custom Incentive Application for a Custom Incentive requires pre-approval by the Program Administrator and may be subject to on-site verification by the Program Administrator prior to payment of the Custom Incentive amount.

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MO.P.S.C. SCHEDULE NO. 6OriginalSHEET NO. 204

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

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Retro-Commissioning Incentive Program****PURPOSE**

The Retro-Commissioning Program(Program) will capture energy and demand reductions from existing facilities by optimizing building system energy use and overall efficiency. Through this Program, the Company will provide energy assessment services and assistance in implementing identified solutions to customers to insure that their systems are operating at optimal energy efficiency.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section and that also meet the following Program Provisions. Participants in this Program will be those customers with a facility that has all of the following criteria:

1. At least one of the following conditions:
  - a. Higher than average electric energy intensities(kWh/ft<sup>2</sup>); or
  - b. Minimum of 100,000 ft<sup>2</sup> of conditioned space; or
  - c. Presence of an energy management system (EMS);
2. Mechanical equipment in relatively good condition; and
3. Will yield cost-effective energy savings according to a Retro-Commission Assessment Study

A "Retro-Commissioning Assessment Study" is a detailed analysis performed by Retro-Commissioning Providers on Projects passing the initial screening which is used to identify sub-optimal system operational performance and to identify corrections which will yield cost-effective energy savings.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this Program. The Program Administrator will provide the necessary services to effectively implement the Program and to strive to attain the energy savings targets. Program benefits have been designed to provide cost effective Retro-Commissioning services to eligible facilities and include:

1. Recruitment and training of Retro-Commissioning providers,
2. Benchmarking of candidate facilities using ENERGY STAR® or other comparable procedures to identify facilities with Retro-Commissioning opportunities,
3. Access to a group of pre-qualified Retro-Commissioning Providers that can provide studies performed by trained auditors to identify cost effective building system optimization Measures,
4. Assisting building owners with contractor acquisition and management during the implementation process,

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

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

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

MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Retro-Commissioning Program (Cont'd.)****PROGRAM PROVISIONS (Cont'd.)**

5. Building owner staff training on Retro-Commissioning operations,
6. Verification of operating results, or
7. Ongoing monitoring of Retro-Commissioned building systems to promote persistence of improvements.

The Incentives provided through the Retro-Commissioning Program will be limited to those Measures which are determined to achieve energy efficiency improvements through the calibration, maintenance, and optimization of current systems.

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UNION ELECTRIC COMPANY

ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 205

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****New Construction Incentive Program****PURPOSE**

The New Construction Incentive Program will capture energy and demand reductions from new construction projects by interacting with building owners and designers during the design and/or construction process. The Program encourages building owners and designers to evaluate and install systems with higher energy efficiencies than the standard or planned systems through training, design incentives, and installation incentives.

**DEFINITIONS APPLICABLE TO NEW CONSTRUCTION INCENTIVE PROGRAM ONLY**

Baseline Building Design - The baseline building design will be established on a case-by-case basis, as the more stringent of either the ASHRAE Code 90.1-2001, the facility's original design, the local energy code, or any legal or contractual construction requirements. Baseline building design will be documented in the Technical Analysis Study (TAS).

Technical Analysis Study (TAS) - An energy savings estimate that clearly describes the energy efficiency/process improvement opportunity, with concise and well-documented presentations of the analysis method used to estimate energy savings, and the assumptions used to generate Project capital cost estimates. Each TAS will:

1. Describe the proposed facility (typically with a sketch or blueprint showing site layout or floor plan).
2. Describe the Baseline Building Design and provide its estimated electricity use and estimated annual Operations & Maintenance costs.
3. Describe the efficient equipment to be added along with key performance specifications.
4. Provide estimated electricity use for the efficient condition.
5. Provide the energy and demand savings calculations, together with the source of input parameter numbers and justification for each assumption made.
6. Provide the incremental cost to implement the Project.
7. Provide the estimated financial Incentive and estimated annual cost savings, together with the financial metric(s) requested by the customer (i.e., simple payback, Internal Rate of Return, Return on Investment).

Whole Building Area Method - An energy analysis methodology in which the design team examines the integration of all building components and systems and determines how they best work together to save energy and reduce environmental impact.

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ELECTRIC SERVICE

MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 205.1

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****New Construction Incentive Program (Cont'd.)****AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the classes identified in the Business Energy Efficiency Availability section that also meet the New Construction Program Provisions. Eligible facilities applications include new facilities built from the ground up, additions to existing facilities, or major renovation of existing facilities requiring significant mechanical and/or electrical equipment alteration.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Program benefits are tailored to Projects based on their phase in the development process.

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MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 206

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

APPLYING TO MISSOURI SERVICE AREA**BUSINESS ENERGY EFFICIENCY MEEIA 2016-18****Small Business Direct Install Incentive Program****PURPOSE**

The Small Business Direct Install Incentive Program will provide installation of low-cost and/or no-cost energy-efficient measures to small business customers through a group of trade allies. Trade allies will deliver, install and complete paperwork for measures provided for in this program. The primary objective of the Small Business Direct Install Program is to remove participation barriers for small businesses through a simple and streamlined process. Trade allies will identify additional energy efficiency opportunities that may qualify for incentives under the Standard Incentive Program or Custom Incentive Program.

**AVAILABILITY**

This Program is available during the Program Period, and is voluntary and available to all customers in the 2M rate class that also meet the Small Business Direct Install Program Provisions, below.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Small Business Direct Install Incentives for Measures will be provided to qualifying customers that provide completed Small Business Direct Install Applications as indicated below:

1. Customer must complete a Small Business Direct Install Incentive Application form, and;
2. Qualifying measures must be installed by a participating Small Business Direct Install trade ally after March 1, 2016, and;
3. Measures must be part of a Project having an installed TRC ratio greater than 1.0, and;
4. Measures must be installed as a retrofit in an existing facility.

By applying for the Small Business Direct Install Incentive Program, the customer agrees that the Project may be subject to random on-site inspections by the Program Administrator.

**ELIGIBLE MEASURES AND INCENTIVES**

Small Business Direct Install Incentives filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered during the Program Period. These include, but are not limited to, the following equipment types:

1. HVAC (Heating, Ventilation, and Air-conditioning)
2. Lighting
3. Refrigeration
4. Motors
5. Water Heating

Information about the Small Business Direct Install Program can be found at [AmerenMissouri.com](http://AmerenMissouri.com)

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MO.P.S.C. SCHEDULE NO. 6 Original SHEET NO. 211

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

APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****PURPOSE**

The purpose of the Residential Energy Efficiency Program, which consists of several programs, is to proactively impact residential customer energy use in such a way as to reduce consumption of electricity. With the exception of the Low Income program, the programs included in this tariff are cost effective having a Total Resource Cost Test ratio of greater than 1.0.

**DEFINITIONS**

Capitalized terms not otherwise defined in Tariff Sheet Nos. 211 through 217 have the following meanings:

**DSIM (Demand-Side Programs Investment Mechanism)**

A mechanism approved by the Commission in a utility's filing for demand-side program approval in File No. EO-2015-0055.

**Incentive**

Any consideration provided by the Company, through the Program Administrator and Program Partners, including buydowns, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of Measures.

**Measure**

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

**Program Administrator**

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

**Program Period** - The period from March 1, 2016 through February 28, 2019, unless sooner terminated under the TERM provision of this tariff. Programs may have slightly earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com).

**Program Partner**

A retailer, distributor or other service provider that the Company or the Program Administrator has approved to provide specific program services through execution of a Company approved service agreement.

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

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****AVAILABILITY**

Except as otherwise provided in the terms governing a particular program, residential energy efficiency programs are available to residential customers in the Company's Missouri service area being served under the Residential Service Rate 1(M) rate schedule. Some programs may also require that services be phased-in on a geographical or other basis to better manage resources. Some services may only be available through participating Program Partners.

Monetary incentives are not payable to a non-residential (non-1(M)) customer, such as a builder or building owner, participating in a residential energy efficiency program that has received a state tax credit under sections 135.350 through 135.362, RSMo, or under sections 253.545 through 253.561, RSMo. As provided for in the Commission's rules, customers shall attest to non-receipt of any such tax credit and acknowledge that the penalty for a customer who provides false documentation is a class A misdemeanor.

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

**TERM**

This tariff and the tariffs reflecting each specific residential energy efficiency program shall be effective from March 1, 2016 through February 28, 2019, except that the programs shall terminate immediately, and without further Commission action, on the effective date of any court order, judgment, or opinion or Commission order that changes or eliminates the approved DSIM or Technical Resource Manual, unless the changes are initiated or are accepted by the Company. Programs may not be available or fully rolled-out on the tariff effective date. Consult [AmerenMissouri.com](http://AmerenMissouri.com) to determine the status of the programs. Programs may have slightly earlier deadlines for certain activities, as noted on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com).

If the programs are terminated prior to February 28, 2019 under this provision, only Incentives for qualifying Measures that have been installed prior to the programs' termination will be provided to the customer.

**DESCRIPTION**

The reductions in energy consumption will be accomplished through the following programs:

1. Lighting
2. Energy Efficient Products
3. HVAC
4. Home Energy Reports
5. Low Income
6. Energy Efficiency Kits
7. Home Energy Reports

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****DESCRIPTION (Cont'd.)**

Program details regarding the interaction between the Company or Program Administrators and customers participating in the Programs, such as Incentives paid directly to customers, available Measures, Measure ranges, availability of the programs, eligibility, and application and completion requirements may be adjusted through the change process as presented below. Those details, additional details on each program, and other details such as process flows, application instructions, and application forms, will be provided on the Company's website [AmerenMissouri.com](http://AmerenMissouri.com), or by calling the Company's Customer Contact Center toll free 1-866-422-4605.

**CHANGE PROCESS**

The change process is applicable to changes in a program detail regarding the interaction between the Company or Program Administrators and customers participating in the Programs.

1. Identify need for program detail change regarding the interaction between the Company or Program Administrators and customers participating in the Programs;
2. Discuss proposed change with implementer;
3. Discuss proposed change with evaluator;
4. Analyze impact on program and portfolio (Cost-effectiveness, goal achievement, etc.);
5. Inform the Staff, Office of the Public Counsel, and the Missouri Department of Economic Development - Division of Energy (DE) of the proposed change, the time within which it needs to be implemented, provide them the analysis that was done, and consider recommendations from them that are received within the implementation timeline (the implementation timeline shall be no less than five business days from the time that the Staff, Office of the Public Counsel, and the Missouri Department of Natural Resources are informed and provided the above-referenced analysis);
6. Take timely received recommendations into account and incorporate them where the Company believes it is appropriate to do so;
7. Notify and train customer contact personnel (Contact Center, Energy Advisors, Business Center, Key Account Executives, Customer Service Advisors) of the changes;
8. Make changes to forms and promotional materials;
9. Update program website;
10. File updated web pages and, if appropriate, updated list of Measures and Incentive amounts in File No. EO-2015-0055; and
11. Inform Customers, Trade Allies, etc.

Company will also continue to discuss and provide information on ongoing program and portfolio progress at quarterly regulatory stakeholder update meetings.

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18 (Cont'd.)****PROGRAM COSTS**

Costs of the Residential Energy Efficiency Program reflected herein shall be reflected in a charge titled "Energy Efficiency Invest Chg" appearing as a separate line item on customers' bills and applied to customers' bills as a per kilowatt-hour charge as specified in the Residential Service Rate 1(M) rate schedule. All customers taking service under said rate schedule shall pay the charge regardless of whether a particular customer utilizes a demand-side program available hereunder unless they qualify for the low-income exemption as outlined in Rider EEIC 2016-18.

**PROGRAM DESCRIPTIONS**

The following pages contain descriptions and terms for the programs being offered under this tariff.

**CHANGES IN MEASURES OR INCENTIVES**

Company may offer the Measures contained in Company's Technical Resource Manual ("TRM") approved in File No. EO-2015-0055. The offering of Measures not contained within Company's TRM must be approved by the Commission pursuant to 4 CSR 240-20.094(4). Not all Measures listed in the TRM will be offered at all times. The actual Measures being offered, and Incentives available to customers, will be listed on Company's website, [AmerenMissouri.com](http://AmerenMissouri.com). The Measures and Incentives being offered are subject to change - customers must consult [AmerenMissouri.com](http://AmerenMissouri.com) for the list of currently available Measures. The website will expressly state in conspicuous language that the Measures and Incentives are subject to change. Should a Measure or Incentive offering shown on Company's website differ from the corresponding Measure or Incentive offering shown in the currently effective notice filed in File No. EO-2015-0055, the stated Measure or Incentive offering as shown in the currently effective notice shall govern.

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ELECTRIC SERVICE

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Lighting Program****PURPOSE**

The Lighting Program is intended to reduce energy use in residential lighting by encouraging selection of ENERGY STAR®-qualified lighting products.

**AVAILABILITY**

The Lighting Program is available for the Program Period. Residential customers may participate in the Lighting Program by acquiring program ENERGY STAR® LED lighting products, ENERGY STAR® fixtures, and other emerging ENERGY STAR®-qualified lighting technologies from participating Program Partners through purchase or other approved distribution methods.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Lighting Program Administrator will provide Lighting Program services and Incentives to Program Partners for the purpose of increasing awareness, sales, and market share of residential ENERGY STAR®-qualified products promoted by the Lighting Program.

Lighting Program promotions will be made available at Program Partner locations within the Company's electric service territory. Participating Lighting Program Partners will be listed on the [AmerenMissouri.com](http://AmerenMissouri.com) website with store name and location listed as well as any in-store promotions being offered.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Lighting Products filed in File No. EO-2015-0055 and additional Lighting Products covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Lighting Products and Incentives paid directly to customers may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Energy Efficient Products Program****PURPOSE**

The purpose of the Energy Efficient Products Program is to raise customer awareness of the benefits of "high-efficiency" products (ENERGY STAR<sup>®</sup>, Consortium for Energy Efficiency (CEE) Tiers, or better). The Program is intended to reduce energy use by encouraging residential customers to purchase qualifying efficient products.

**AVAILABILITY**

The Energy Efficient Products Program is available for the Program Period. Residential customers may participate in the Program by acquiring program energy efficient products from participating Program Partners through on-line purchases or other approved distribution methods.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Energy Efficient Products Program incorporates various program partners, products, Incentive mechanisms and program delivery strategies. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

The Company and the Program Administrator will follow a multi-faceted approach to marketing highly efficient appliances and products with an emphasis on ENERGY STAR<sup>®</sup>. Company will leverage the CEE and others to identify efficiency tiers above ENERGY STAR<sup>®</sup> for additional offers.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficient Products Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Energy Efficient Products and Incentives paid directly to customers may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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ELECTRIC SERVICE

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****HVAC Program****PURPOSE**

The purpose of the HVAC Program is to obtain energy and demand savings through improvement in the operating performance of new or existing residential central cooling systems.

**AVAILABILITY**

The HVAC Program is available for the Program Period, and Services under this Program are available to Customers on the Residential Service Rate 1(M).

**PROGRAM PROVISIONS**

The Residential HVAC program improves the efficiency of new and existing central air conditioning systems, including heat pumps, by installation of new equipment or improving the efficiency of legacy cooling systems within the home. The program may also promote installation of heat pump water heaters.

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy and demand savings targets. Company will provide Incentives to encourage sales of energy efficient products and for properly installed HVAC energy saving upgrades.

The program will employ the Program Administrator's preferred protocols to verify system eligibility for program Measures.

**ELIGIBLE MEASURES AND INCENTIVES**

HVAC related program Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives paid directly to customers may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Home Energy Reports Program****PURPOSE**

The purpose of the Home Energy Report Program is to obtain energy and demand savings by focusing on energy consumption behavior changes of participating customers. This is a behavior modification program.

**AVAILABILITY**

The Home Energy Reports Program is available for the Program Period, and Services under this Program are available to Customers on the Residential Service Rate 1(M). The Program Administrator will work with customer data to select approximately 250,000 program participants, Home Energy Reports will be mailed to targeted residential customers on an established frequency for the duration of the program. This program is an opt-out program, customers who do not wish to receive a report will be able to contact Ameren Missouri to be removed from participation. A statistically significant control group of customers will be used to aid in program evaluation and will not be able to participate in the program during the Program Period.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. Additional program provisions may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

**ELIGIBLE MEASURES AND INCENTIVES**

The program focuses on energy consumption behavior changes that result in reduced electricity consumption. As such, the overall metric is reduced monthly/annual energy consumption. There are no specific energy efficiency measures associated with the program or corresponding incentives.

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Multi-Family Low Income Program****PURPOSE**

The objective of this program is to deliver long-term energy savings and bill reductions to low-income customers residing in multi-family low-income ("MFLI") properties. This will be achieved through education and a variety of directly installed energy saving measures and comprehensive retrofits.

**AVAILABILITY**

The Multi-Family Low Income Program is available for the Program Period to owners and operators of any multi-family properties of three (3) or more dwelling units with eligible customers receiving service under residential rate 1(M) or business rates 2(M), 3(M) or 4(M) meeting one of the following building eligibility requirements:

1. Reside in federally-subsidized housing units and fall within the federal program's income guidelines. State Low-income Housing Tax Credit receipts will be eligible only to the extent allowed under state law.
2. Reside in non-subsidized housing with income levels at or below 200% of federal poverty guidelines.

Where a property has a combination of qualifying tenants and non-qualifying tenants, at least 51% of the tenants must be eligible for the entire building to qualify. For income eligible multi-family properties with less than 51% qualifying tenants the building owner will be required to install comparable energy efficiency measures at their expense in all non-qualifying units. Upon verification and approval the program may upgrade the entire building, common areas and all of the remaining eligible units with qualified energy efficiency measures.

**PROGRAM DESCRIPTION**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Program Administrator will provide direct installation of Program-specified Standard Measure energy efficiency Measures in income qualified dwelling units and for common areas, building shell and whole-building systems in qualified MFLI properties. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Multi-Family Low Income Program (Cont'd.)****PROGRAM DESCRIPTION (Cont'd.)**

Incentives under this Program will be provided toward income qualified dwelling units, common areas, building shell and whole-building systems. The Program will provide a 25% bonus to the applicable Business Standard Incentive and Business Custom Incentive programs for MFLI whole building and common area measures. For buildings with no common areas, a 25% bonus for applicable residential incentives will apply. In addition, the MFLI program will make available the measures identified in the Small Business Direct Install (SBDI) Program to any participating MFLI building common areas at the same low cost or no cost. Customers may receive the greater of the incentives available through Business Standard Incentive or Business Custom Incentive programs with a 25% bonus added or the incentive available under SBDI for a common area(s). No incentives paid through the MFLI program will exceed the price of the measure itself.

Measures installed pursuant to the MFLI Program are not eligible for Incentives through any of the Company's other Energy Efficiency programs. However, market rate residences (i.e., units that are not income-eligible) are not excluded from participating in the Company's other Energy Efficiency programs.

**ELIGIBLE MEASURES AND INCENTIVES**

Low Income Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-0055 are eligible for program benefits and incentives and may be offered for promotion during the Program Period. Eligible Measures and Incentives directly paid to customers may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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APPLYING TO MISSOURI SERVICE AREA**RESIDENTIAL ENERGY EFFICIENCY MEEIA 2016-18****Energy Efficiency Kits Program****PURPOSE**

The objective of the Energy Efficiency Kits Program is to raise customer awareness of the benefits of "high-efficiency" products (Energy Star, Consortium for Energy Efficiency (CEE) Tiers, or better) and to educate residential customers about energy use in their homes and to offer information, products, and services to residential customers to save energy cost-effectively.

**AVAILABILITY**

The Energy Efficiency Kits Program is available for the Program Period to Residential customers and may be offered through various channels, such as direct mail, secondary education schools, community based organizations, and market-rate multifamily properties.

**PROGRAM PROVISIONS**

The Company will hire a Program Administrator to implement this program. The Program Administrator will provide the necessary services to effectively implement the program and to strive to attain the energy savings targets. The Energy Efficiency Kits Program incorporates various program partners, products, incentive mechanisms and program delivery strategies.

The Company and the Program Administrator will follow a multi-faceted approach to educate participants and effectuate installation of energy efficient products and actions addressed in the Energy Efficiency Kits. Company will leverage the CEE and others to identify efficiency tiers above ENERGY STAR<sup>®</sup> for additional products. The Program Administrator may partner with other utilities (i.e. gas and water utilities) to create synergies.

**ELIGIBLE MEASURES AND INCENTIVES**

Energy Efficiency Kits Measures filed in File No. EO-2015-0055 and additional Measures covered by the TRM approved in File No. EO-2015-005 are eligible for program benefits and Incentives and may be offered for promotion during the Program Period. Customer information on the Energy Efficiency Kits Program may be found at [AmerenMissouri.com](http://AmerenMissouri.com).

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