

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

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

APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC 1618**  
**ENERGY EFFICIENCY INVESTMENT CHARGE**  
**For MEEIA 2016-18 Plan**

**APPLICABILITY**

This Rider EEIC 1618 - Energy Efficiency Investment Charge (Rider EEIC 1618) is applicable to all kilowatt-hours (kWh) of energy supplied to customers served by Ameren Missouri (Company) under Service Classification Nos. 1(M), 2(M), 3(M), 4(M), 11(M), and 12(M), excluding kWh of energy supplied to "opt-out" customers.

Charges passed through this Rider EEIC 1618 reflect the charges approved to be collected from the implementation of the MEEIA 2016-18 Plan. Those charges include: 1) projected Program Costs, projected Ameren Missouri's TD-NSB Share and Performance Incentive Award (if any) for each Effective Period, 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this Rider EEIC 1618 and total actual monthly amounts for: i) Program Costs incurred, ii) Ameren Missouri's TD-NSB Share incurred, and iii) amortization of any Performance Incentive Award ordered by the Missouri Public Service Commission (Commission), 3) Program Costs and TD-NSB Share incurred for any projects completed in 2016-18 that were started under the MEEIA 2013-15 Plan and 4) any Ordered Adjustments. Charges under this Rider EEIC 1618 shall continue after the anticipated December 31, 2018 end of MEEIA 2016-18 Plan until such time as the charges described in items 1), 2), 3) and 4) in the immediately preceding sentence have been billed. Charges arising from the MEEIA 2016-18 Plan that are the subject of this Rider EEIC 1618 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 (Cycle 1) Plan demand-side management programs and/or post-MEEIA 2016-18 Plan programs approved under the Missouri Energy Efficiency Investment Act.

**DEFINITIONS**

As used in this Rider EEIC 1618, the following definitions shall apply:

"Ameren Missouri's TD-NSB Share" means 32.57% of the TD-NSB described in Chapter Four (4) of of the Company's MEEIA 2016-18 Plan multiplied by the Time-Value Adjustment Factor.

"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 EEIC 1618 filing is made during a calendar year, the Effective Period for such a filing shall begin with the June or October billing month and end with the subsequent January billing month.

"Evaluation Measurement & Verification - Net Shared Benefits" (EM&V-NSB) means the 2016 present value of the lifetime avoided costs (i.e., avoided energy, capacity, transmission and distribution, and probable environmental compliance costs) for the MEEIA 2016-18 Plan using the EM&V results described in Chapter Four (4) of of the Company's MEEIA 2016-18 Plan.

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

"MEEIA 2016-18 Plan" means Company's "2016-2018 Energy Efficiency Plan" approved in File No. EO-2015-0055.

DATE OF ISSUE December 22, 2014 DATE EFFECTIVE June 30, 2015ISSUED BY Michael Moehn President & CEO St. Louis, Missouri

NAME OF OFFICER

TITLE

ADDRESS

APPENDIX B

RIDER EEIC 1618  
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)  
For MEEIA 2016-18 Plan

DEFINITIONS (Cont'd.)

"MWH Target" has the meaning provided for in Chapter Two (2) of the Company's MEEIA 2016-18 Plan as adjusted annually per the process described in Chapter Four (4) of the Company's MEEIA 2016-18 Plan.

"Program Costs" means program expenditures, including such items as program design, administration, delivery, end-use measures and incentive payments, evaluation, measurement and verification, market potential studies and work on the Technical Resource Manual (TRM).

"Performance Incentive Award" means the sum of a two-year annuity (using 6.46% as a discount rate and not discounting the first period) of a percentage of EM&V-NSB as described below and further described in Chapter Four (4) of the Company's MEEIA 2016-18 Plan:

| Percent of<br>MWH Target | Percent of<br>EM&V-NSB* |
|--------------------------|-------------------------|
| <70                      | 0.00%                   |
| 70                       | 12.77%                  |
| 80                       | 13.27%                  |
| 90                       | 13.65%                  |
| 100                      | 13.96%                  |
| 110                      | 15.23%                  |
| 120                      | 16.29%                  |
| 130                      | 17.19%                  |
| >130                     | 17.19%                  |

\*Includes income taxes (i.e. results in revenue requirement without adding income taxes). The percentages are interpolated linearly between the performance levels.

"Throughput Disincentive - Net Shared Benefits" (TD-NSB) means the 2016 present value of the lifetime avoided costs (i.e., avoided energy, capacity, transmission and distribution, and probable environmental compliance costs) for the MEEIA 2016-18 Plan using the deemed values in the TRM, less the 2016 present value of Program Costs as further described in Chapter Four (4) of the Company's MEEIA 2016-18 Plan.

"Time-Value Adjustment Factor" means the factor used each month to convert Ameren Missouri's TD-NSB Share from a present value into a nominal revenue requirement. The factor is  $[1.0646 ^ {(\text{Calendar Year} - 2016)}]$ .

RIDER EEIC 1618  
ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)  
For MEEIA 2016-18 Plan

ENERGY EFFICIENCY INVESTMENT RATE (EEIR) DETERMINATION

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

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

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 including any Program Costs incurred for projects completed in 2016-18 that were started under the MEEIA 2013-15 Plan.

PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the PPC revenues billed resulting from the application 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.

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

$$NTD = PTD + TDR$$

PTD = Projected Throughput Disincentive is 100% of Ameren Missouri's TD-NSB Share projected by the Company to be incurred during the applicable EP including any TD-NSB Share incurred for projects completed in 2016-18 that were started under the MEEIA 2013-15 Plan.

TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the PTD revenues billed resulting from the application of the EEIR and 100% of Ameren Missouri's TD-NSB Share through the end of the previous EP as adjusted for the inputs described in Chapter Four (4) of Company's MEEIA 2016-18 Plan, (which will reflect projections through the end of the previous EP due to timing of adjustments). Any cumulative difference and all subsequent amounts shall include monthly interest charged at the Company's monthly short-term borrowing rate.

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

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NPI = Net Performance Incentive for the applicable EP as defined below,

$$NPI = PI + PIR$$

PI = Performance Incentive is equal to the Performance Incentive Award monthly amortization multiplied by the number of billing months in the applicable EP.

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

PIR = Performance Incentive Reconciliation is equal to the cumulative difference, if any, between the PI revenues billed resulting from the application 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.

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 EEIC 1618 ordered by the Commission as a result of prudence reviews and/or corrections under this Rider EEIC 1618. 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.

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

APPLYING TO MISSOURI SERVICE AREARIDER EEIC 1618ENERGY EFFICIENCY INVESTMENT CHARGE (Cont'd.)For MEEIA 2016-18 PlanEEIR DETERMINATION (Cont'd.)

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the Rider EEIC 1618 applies during the applicable EP.

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 Service Classification for the MEEIA 2016-18 Plan will be made in accordance with Chapter Three (3) of Company's MEEIA 2016-18 Plan.

This Rider EEIC 1618 shall not be applicable to customers that have satisfied the opt-out provisions contained in Section 393.1075.7, RSMo.

FILING

The Company shall make an EEIC 1618 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 EEIC 1618 filing in each calendar year with such subsequent filing to be effective beginning with either the June or October billing month. Rider EEIC 1618 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 1618 shall be addressed through an adjustment in the next EEIR determination and reflected in factor OA above.

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APPLYING TO MISSOURI SERVICE AREA

**RIDER EEIC 1618**

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

**For MEEIA 2016-18 Plan**

**(Applicable To Determination of EEIR for the Billing Months of February 201x through January 201x)**

**MEEIA 2016-18 EEIR Components and Total EEIR**

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

(1) The "Energy Efficiency Invest Chg" that appears on customers' bills may vary from these values to the extent that there are other EEIR rates associated with the MEEIA (Cycle 1) Plan and/or any post-MEEIA 2016-18 Plan approved under the Missouri Energy Efficiency Investment Act in which case the "Energy Efficiency Invest Chg" will be the sum of the EEIR's associated with all riders approved under the Missouri Energy Efficiency Investment Act.

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