

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Fifth

Revised

Sheet No. 49E

Cancelling P.S.C. MO. No. 7 Fourth

Revised

Sheet No. 49E

For Missouri Retail Service Area

RESERVED FOR FUTURE USE

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DATE EFFECTIVE: April 1, 2019
Kansas City, MO

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Second

Revised Sheet No. 49A

Cancelling P.S.C. MO. No. 7 First

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For Missouri Retail Service Area

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KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First

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Sheet No. 49B

Cancelling P.S.C. MO. No. 7 _____

Original

Sheet No. 49B

For Missouri Retail Service Area

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KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

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KANSAS CITY POWER & LIGHT COMPANY

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Sheet No. 49E

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Sheet No. 49E

For Missouri Retail Service Area

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KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 First Revised Sheet No. 49F

Cancelling P.S.C. MO. No. 7 Original Sheet No. 49F

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2) Schedule DSIM

APPLICABILITY:

This rider is applicable to all non-lighting kilowatt-hours (kWh) of energy supplied to customers under the Company's retail rate schedules, excluding kWh of energy supplied to "opt-out" customers.

Charges passed through this DSIM Rider reflect the charges approved to be collected from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) Cycle 2 Plan & any remaining unrecovered balances from the MEEIA Cycle 1 Plan DSIM. Those charges include:

- 1) Program Costs, Throughput Disincentive (TD), and Earnings Opportunity Award (if any) for the MEEIA Cycle 2 Plan, as well as Program Costs and TD-NSB Share for commission approved C&I program projects completed by June 30, 2016 that will be counted under the MEEIA Cycle 1 Plan, as outlined in the Stipulation & Agreement filed in EO-2015-0240; and any earned Performance Incentive earned (and ordered) attributable to MEEIA Cycle 1 as set out in File No EO-2014-0095.
- 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this DSIM Rider and total actual monthly amounts for:
 - i) Program Costs incurred in Cycle 2 and/or remaining true-ups or unrecovered amounts for MEEIA Cycle 1,
 - ii) TD Share incurred in Cycle 2 and/or remaining true-ups or unrecovered amounts for MEEIA Cycle 1, and
 - iii) Amortization of any Performance Incentive (PI) Award or Earnings Opportunity ordered by the Missouri Public Service Commission (Commission)
- 3) Any Ordered Adjustments. Charges under this DSIM Rider shall continue after the anticipated 36 - month plan period of MEEIA Cycle 2 until such time as the charges described in items 1) and 2) above have been billed.

Charges arising from the MEEIA Cycle 2 Plan that are the subject of this DSIM Rider shall be reflected in one "DSIM Charge" on customers' bills in combination with any charges arising from a rider that is applicable to post-MEEIA Cycle 2 Plan demand-side management programs approved under the MEEIA. This will include any unrecovered amounts for Program Costs, TD-NSB Share from MEEIA Cycle 1, and/or Performance Incentive, etc. earned/remaining from MEEIA Cycle 1 that is expected to begin recovery in January 2017. The Cycle 1 Performance Incentive Award methodology can be found in the May 27, 2015 Non-Unanimous Stipulation & Agreement in File No. EO-2014-0095.

DEFINITIONS:

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

"Company's TD is meant to represent the utility's lost margins associated with the successful implementation of the MEEIA programs. The detailed methodology for calculating the TD is described beginning in Tariff Sheet No. 49J.

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KANSAS CITY POWER & LIGHT COMPANY

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Cancelling P.S.C. MO. No. 7 Original Sheet No. 49G
For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2) Schedule DSIM (Continued)

DEFINITIONS: (Cont'd.)

"Effective Period" (EP) means the six (6) months beginning with January of 2016, and each six-month period there-after.

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

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

"MEEIA Cycle 1 Plan" consists of the 12 demand-side programs and the DSIM (including Program Costs, TD-NSB Share, Performance Incentive, etc.) described in the approved MEEIA Cycle 1 filing in Docket No. EO-2014-0095.

"MEEIA Cycle 2 Plan" consists of the 16 demand-side programs and the DSIM described in the MEEIA Cycle 2 Filing, following Commission approval and order granted under Docket No EO-2015-0240.

"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 statewide technical resource manual.

"Cycle 2 Earnings Opportunity" (EO) means the incentive ordered by the Commission based on actual performance verified through EM&V against planned targets. The Company's EO will be \$7.4M if 100% of the planned targets are achieved. EO is capped at \$15.5M, which reflects adjustment for TD verified by EM&V. Potential Earnings Opportunity adjustments are described on Sheet No. 49M. The Earnings Opportunity Matrix outlining the payout rates, weightings, and caps can be found in 49P.

"Short-Term Borrowing Rate" means (i) the daily one-month USD LIBOR rate, using the last previous actual rate for weekends and holidays or dates without an available LIBOR rate, plus (ii) the Applicable Margin for Eurodollar Advances as defined in the Pricing Schedule of the current KCP&L Revolving Credit Agreement. A simple mathematical average of all the daily rates for the month is then computed.

"AFUDC Rate" 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.

Recovery Period (RP) includes the day the DSIM Rider Tariff becomes effective through July 31, 2016 and each six- month period thereafter.

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KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2) Schedule DSIM (Continued)

DETERMINATION OF DSIM RATES:

The DSIM during each applicable EP is a dollar per kWh rate for each rate schedule calculated as follows:

$$\text{DSIM} = [\text{NPC} + \text{NTD} + \text{NEO} + \text{NOA}] / \text{PE}$$

Where:

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

$$\text{NPC} = \text{PPC} + \text{PCR}$$

PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP, including any unrecovered Cycle 1 Program Cost that will utilize an amortization period as outlined in Stipulation & Agreement filed in Docket EO-2015-0240.

PCR = Program Costs Reconciliation is equal to the cumulative difference between the PPC revenues billed resulting from the application of the DSIM through the end of the previous EP 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 on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

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

$$\text{NTD} = \text{PTD} + \text{TDR}$$

PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP, including any unrecovered TD-NSB that will utilize an amortization period as outlined in Stipulation & Agreement filed in Docket EO-2015-0240. For the detailed methodology for calculating the TD, see Sheet 49K.

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 DSIM and the Company's TD through the end of the previous EP calculated pursuant to the MEEIA Cycle 1 or 2 Application, as applicable (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

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

$$\text{NEO} = \text{EO} + \text{EOR}$$

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KANSAS CITY POWER & LIGHT COMPANY

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Cancelling P.S.C. MO. No. 7 Original Sheet No. 491

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2) Schedule DSIM (Continued)

DETERMINATION OF DSIM RATES: (Cont'd.)

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

The monthly amortization shall be determined by dividing the Earnings Opportunity Award by the number of billing months from the billing month of the first DSIM after the determination of the Earnings Opportunity Award and 24 calendar months following that first billing month.

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the EO revenues billed during the previous EP resulting from the application of the DSIM and the monthly amortization of the Earnings Opportunity 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 on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

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

$$\text{NOA} = \text{OA} + \text{OAR}$$

OA = Ordered Adjustment is the amount of any adjustment to the DSIM ordered by the Commission as a result of prudence reviews and/or corrections under this DSIM Rider. 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 during the previous EP resulting from the application of the DSIM 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 on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

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

The DSIM components and total DSIM applicable to the individual rate schedules shall be rounded to the nearest \$0.00001.

Allocation of costs for each rate schedule for the MEEIA Cycle 2 Plan will be made in accordance with the Stipulation in Docket EO-2015-0240.

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

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KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2) Schedule DSIM (Continued)

CALCULATION OF TD:

Monthly Throughput Disincentive = the sum of the Throughput Disincentive Calculation for all programs applicable to (1) Residential and (2) Non-Residential customers.

For purposes of this tariff, the term "Residential Class" and "Non-Residential Class" shall refer to the rates as outlined in Table of Contents, Sheet No TOC-2. Residential Class includes Residential Service and Residential Other Use and Residential Time of Use (Frozen). Non-Residential Class includes all rates as identified under the category Commercial & Industrial, which includes Small General Service, Medium General Service, Large General Service and Large Power Service, Real Time Pricing and Two Part- Time of Use.

Throughput Disincentive Calculation

The Throughput Disincentive Calculation for each program shall be determined by the formula:

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

Where:

TD\$ = Throughput Disincentive Dollars to be collected for a given calendar month, for a given class.

RB = Rebasing Adjustment. The Rebasing Adjustment shall equal the CAS applicable as of the date used for the MEEIA normalization in any general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to this MEEIA Cycle 2. In the event more than one general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to this MEEIA Cycle 2, the Rebasing Adjustment shall include each and every prior Rebasing Adjustment calculation.

LS = Load Shape. The Load Shape is the monthly load shape percent for each program, (attached as Appendix G to the Stipulation found in EO-2015-0240).

NMR = Net Margin Revenue. Net Margin revenue values for each class are provided on Tariff Sheet 49O.

NTGF = Net to Gross Factor. The Net to Gross Factor is 0.85.

MS = The sum of all Programs' Monthly Savings in kWh, for a given month, for a given class. The Monthly Savings in kWh for each Program shall be determined by the formula:

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

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KANSAS CITY POWER & LIGHT COMPANY

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Cancelling P.S.C. MO. No. 7 Original Sheet No. 49K

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2)

Schedule DSIM (Continued)

CALCULATION OF TD (Cont.):

Where:

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

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

- a. Prior to finalization of EM&V for Cycle 2, 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 TRM (attached as Appendix F to the Stipulation filed in EO-2015-0240).
- b. After finalization of EM&V for Cycle 2, Year 1 programs, for Measures not under the programs as 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 Cycle 2).
- c. For Measures Business Energy Efficiency Rebate – Custom, Strategic Energy Management, Block Bidding, Whole House Efficiency, Income-Eligible Multi-Family and Income Eligible Weatherization (2016 only), the ME will be the annual value attributable to the installations reported monthly by the program implementer.

MAS = The sum of MC multiplied by ME for all measures in a program in the current calendar month.

CAS = Cumulative sum of MAS for each program for MEEIA Cycle 2

CM = Current calendar month

PM = Prior calendar month

HER = Monthly kWh savings for the Home Energy Reports and Income-Eligible Home Energy Reports programs measured and reported monthly by the program implementer.

Measure – Energy efficiency measures described for each program attached as Appendix A.

Programs – MEEIA Cycle 2 programs listed in Tariff Sheet No. 1.04C and added in accordance with the Commission's rule 4 CSR 240-20.094(4).

TRM – Company Technical Resource Manual (attached as Appendix F) and updated based on EM&V ex-post gross adjustments determined for Year 1 no later than 24 months after the commencement of Cycle 2.

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KANSAS CITY POWER & LIGHT COMPANY

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Cancelling P.S.C. MO. No. 7 Original Sheet No. 49L

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2) Schedule DSIM (Continued)

Earnings Opportunity Determination

The EO shall be calculated using the matrix in tariff Sheet No. 490. The EO will not go below \$0. The EO target at 100% is \$7.4 million. Before adjustments reflecting TD EM&V including NTG, the EO cannot go above \$10.5 million. The EO including adjustments reflecting TD EM&V including NTG cannot go above \$15.5 million. The cap is based on current program levels. If Commission-approved new programs are added in the years 2017 and 2018, the Company may seek Commission approval to have the targets for the cap of the EO scale proportionately to the increase in savings targets.

The Earnings Opportunity shall be adjusted for the difference, with carrying costs at the KCP&L monthly Allowance for Funds Used During Construction (AFUDC) rate compounded semi-annually, between the TD\$ billed and what the 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 NTG 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.

Other DSIM Provisions

The Company shall file an update to the NMR rates by Class by month contemporaneous with filing any compliance tariff sheets in any general rate case reflecting the rates set in that case, and the billing determinants used in setting rates in that case.

Annual kWh savings per measure will be updated prospectively in KCP&L/GMO's TRM no later than 24 months after the commencement of the Plan based on EM&V ex-post gross adjustments determined for Year 1.

KCP&L/GMO shall each file a general rate case at some point before the end of year 5 of the Cycle 2 period to address the TD through the rebasing of revenues used to establish base rates, and if KCP&L/GMO fails to do so, the accrual and collection of the TD terminates beginning in year 6 of the Cycle 2 period. The Signatories agree that the filing of a rate case by each company utilizing an update or true-up period that ends between 30 months and 60 months after the effective date of the tariffs implementing MEEIA Cycle 2 satisfies this requirement.

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KANSAS CITY POWER & LIGHT COMPANY

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For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (CYCLE 2) Schedule DSIM (Continued)

FILING:

After the initial DSIM Rider rate adjustment filing, the Company shall make a DSIM Rider rate adjustment filing to take effect each August and February under the Term of this MEEIA Rider. DSIM Rider rate adjustment 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(11). Any costs, which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this DSIM Rider, shall be returned to customers through an adjustment in the next DSIM Rider rate adjustment filing and reflected in factor OA above.

Discontinuing the DSIM:

The Company reserves the right to discontinue the entire MEEIA Cycle 2 portfolio, if the Company determines that implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially and negatively impacted the economic viability of such programs as determined by the Company, upon no less than thirty days' notice to the Commission. As a result of these changes, the Company may file to discontinue this DSIM. Similar to Program discontinuance, the Company would file a notice indicating that it is discontinuing the DSIM Rider. This notice would include a methodology for recovery of any unrecovered Program Costs and TD.

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Kansas City, MO

KANSAS CITY POWER & LIGHT COMPANY

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Cancelling P.S.C. MO. No. 7 Original Sheet No. 49N

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (Cycle 2) Schedule DSIM (Continued)

DEMAND SIDE INVESTMENT MECHANISM CHARGE:

DSIM Components and Total DSIM

Rate Schedule	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NPI or NEO/PE (\$/kWh)	NOA/PE (\$/kWh)	Total DSIM (\$/kWh)
Residential Service	\$0.00402	\$0.00178	\$0.00085	\$0.00000	\$0.00665
Non- Residential Service	\$0.00332	\$0.00152	\$0.00108	\$0.00000	\$0.00592

OPT-OUT PROVISIONS (Non-Residential Customers):

Pursuant to Missouri Rule 4 CSR 240-20.094(7)(A): Any customer meeting one (1) or more of the following criteria shall be eligible to opt-out of participation in utility-offered demand side programs:

1. The customer has one (1) or more accounts within the service territory of the electric utility that has a demand of the individual accounts of five thousand (5,000) kW or more in the previous twelve (12) months;
2. The customer operates an interstate pipeline pumping station, regardless of size; or
3. The customer has accounts within the service territory of the electric utility that have, in aggregate across its accounts, a coincident demand of two thousand five hundred (2,500) kW or more in the previous twelve (12) months, and the customer has a comprehensive demand-side or energy efficiency program and can demonstrate an achievement of savings at least equal to those expected from utility-provided programs.
 - A. For utilities with automated meter reading and or advanced metering infrastructure capability, the measure of demand is the customer coincident highest billing demand of the individual accounts during the twelve (12) months preceding the opt-out notification.

A customer electing to opt-out under requirements 1 and 2 above 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. Customers electing to opt-out under requirement 3 above must provide notice to the utility and the manager of the energy resource analysis section of the commission during the stated timeframe. Customers electing to opt-out shall still be allowed to participate in interruptible or curtailable rate schedules or tariffs offered by the electric utility.

Customers who have satisfied the opt-out provisions of 4 CSR 240-20.094(7) to opt-out of both the DSIM Charge and the Non-MEEIA rate will not be charged the DSIM Charge and receive an offset of the Non- MEEIA rate amount on the same bill, based on their actual usage. The current Non-MEEIA rate is found in Section 8.09 of the Rules and Regulations, Sheet 1.28.

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DATE EFFECTIVE: April 1, 2019
Kansas City, MO

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1st
Canceling P.S.C. MO. No. 1
KCP&L Greater Missouri Operations Company
KANSAS CITY, MO

Revised Sheet No. 138
Original Sheet No. 138
For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER
Schedule DSIM

APPLICABILITY:

This rider is applicable to all non-lighting kilowatt-hours (kWh) of energy supplied to customers under the Company's retail rate schedules, excluding kWh of energy supplied to "opt-out" customers.

Charges passed through this DSIM Rider reflect the charges approved to be collected from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) Cycle 3 Plan & any remaining unrecovered charges from the MEEIA Cycles 1 and 2 Plan DSIM. Those charges include:

1) Program Costs, Throughput Disincentive (TD), and Earnings Opportunity Award (EO) (if any) for the MEEIA Cycle 3 Plan, as well as Program Costs, TD and EO for commission approved business program projects completed by June 30, 2020 that will be counted under the MEEIA Cycle 2 Plan, as outlined in the Stipulation and Agreement found in EO-2015-0241 and any earned Earnings Opportunity earned (and ordered) attributable to MEEIA Cycle 2 as set out in File No EO-2015-

0241.Reconciliations, with interest, to true-up for differences between the revenues billed under this DSIM Rider and total actual monthly amounts for:

- i) Program Costs incurred in Cycle 3 and/or remaining unrecovered amounts for MEEIA Cycles 1 and 2.
- ii) TD incurred in Cycle 3, and/or remaining unrecovered amounts for MEEIA Cycles 1 and 2.
- iii) Amortization of any Earnings Opportunity ordered by the Missouri Public Service Commission (Commission), as set out in EO-2015-0241 or EO-2018-0299 and/or remaining true-ups or unrecovered amounts for MEEIA Cycles 1 and 2.

2) Any Ordered Adjustments. Charges under this DSIM Rider shall continue after the anticipated 36-month plan period of MEEIA Cycle 3 (72 month plan period with regard to the Income-Eligible Multi-Family program) until such time as the charges described in items 1) and 2) above have been billed.

Charges arising from the MEEIA Cycle 3 Plan that are the subject of this DSIM Rider shall be reflected in one "DSIM Charge" on customers' bills in combination with any charges arising from a rider that is applicable to post-MEEIA Cycle 3 Plan demand-side management programs approved under the MEEIA. This may also include any unrecovered amounts for Program Costs, TD from MEEIA Cycle 2 and any Earnings Opportunity, etc. earned/remaining from MEEIA Cycle 2 that is expected to begin payout in early 2020. The Cycle 2 Earnings Opportunity Award methodology can be found in the November 23, 2015 Non-Unanimous Stipulation & Agreement found in EO-2015-0241.

DEFINITIONS:

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

"Company's Throughput Disincentive (TD) is meant to represent the utility's lost margins associated with the successful implementation of the MEEIA programs. The detailed methodology for calculating the TD is described beginning in Tariff Sheet No. 138.4.

"Effective Period" (EP) means the six (6) months beginning with January of 2019, and each six month period thereafter.

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Effective April 1, 2019

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1st
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KCP&L Greater Missouri Operations Company
KANSAS CITY, MO

Revised Sheet No. 138.1
Original Sheet No. 138.1
For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER
Schedule DSIM (Continued)

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

"Incentive" means any consideration provided by the Company, including buy downs, markdowns, rebates, bill credits, payments to third parties, direct installation, giveaways, and education, which encourages the adoption of program measures. "MEEIA Cycle 2 Plan" consists of the 16 demand-side programs and the DSIM described in the MEEIA Cycle 2 Filing, which became effective following Commission order and approval of the MEEIA Cycle 2 Plan under Docket No EO-2015-0241.

"MEEIA Cycle 3 Plan" consists of the 12 demand-side programs and the DSIM described in the MEEIA Cycle 3 Filing, following Commission approval and order granted under Docket No. EO-2018-0299.

"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 statewide technical resource manual.

"Cycle 2 Earnings Opportunity" (EO) means the incentive ordered by the Commission based on actual performance verified through EM&V against planned targets. The Company's EO will be \$10.4M if 100% achievement of the planned targets are met. EO is capped at \$20.0M, which reflects adjustment for TD verified by EM&V. Potential Earnings Opportunity adjustments are described on Sheet No. 138.6. The Earnings Opportunity Matrix outlining the payout rates, weightings, and caps can be found at Sheet No. 138.8.

"Cycle 3 EO" means the annual incentive ordered by the Commission based on actual performance verified through EM&V against planned targets. The Company's EO will be \$10,055,885 if 100% achievement of the planned targets are met. EO is capped at \$14,373,509. Potential Earnings Opportunity adjustments are described on Sheet No. 138.6. The Earnings Opportunity Matrix outlining the payout rates, weightings and caps can be found at 138.8.

"Short term Borrowing Rate" means the daily one month USD LIBOR rate, using the last actual rate for weekends and holidays or dates without an available LIBOR rate, plus (ii) the Applicable Margin for Eurodollar Advances as defined in the Pricing Schedule of the current GMO Revolving Credit Agreement. A simple mathematical average of all the daily rates for the month is then computed.

"AFUDC Rate" 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.

Recovery Period (RP) includes the day the DSIM Rider Tariff becomes effective through July 31, 2019 and each six month period thereafter.

Issued: November 29, 2018
Issued by: Darrin R. Ives, Vice President

Effective: April 1, 2019

DEMAND SIDE INVESTMENT MECHANISM RIDER Schedule DSIM (Continued)

DETERMINATION OF DSIM RATES:

The DSIM during each applicable EP is a dollar per kWh rate for each rate schedule calculated as

$$\text{follows: DSIM} = [\text{NPC} + \text{NTD} + \text{NEO} + \text{NOA}]/\text{PE}$$

Where:

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

$$\text{NPC} = \text{PPC} + \text{PCR}$$

PPC = Projected Program Costs is an amount equal to Program Costs projected by the Company to be incurred during the applicable EP plus the succeeding EP, including any unrecovered Cycle 2 Program Costs associated with long-lead projects, final EM&V costs and other cost true-ups..

PCR = Program Costs Reconciliation is equal to the cumulative difference, if any, between the NPC revenues billed resulting from the application of the DSIM through the end of the previous EP 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 on cumulative over- or under-balances at the Company's monthly Short- Term Borrowing Rate.

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

$$\text{NTD} = \text{PTD} + \text{TDR}$$

PTD = Projected Throughput Disincentive is the Company's TD projected by the Company to be incurred during the applicable EP plus the succeeding EP, including any unrecovered Cycle 2 TD associated with MEEIA Cycle 2. For the detailed methodology for calculating the TD, see Sheet 138.4.

TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the NTD revenues billed during the previous EP resulting from the application of the DSIM and the Company's TD through the end of the previous EP calculated pursuant to the MEEIA Cycle 2 or 3 application, as applicable (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

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

$$\text{NEO} = \text{EO} + \text{EOR}$$

EO = Earnings Opportunity is equal to the Earnings Opportunity Award monthly amortization multiplied by the number of billing months in the applicable EP plus the succeeding EP. This will also include any Earnings Opportunity as set out in Cycle 2.

MEEIA Cycle 2 – The monthly amortization shall be determined by dividing the Earnings Opportunity Award by the number of billing months from the billing month of the first DSIM after the determination of the Earnings Opportunity Award and 24 calendar months following that first billing month.

MEEIA Cycle 3 – The monthly amortization shall be determined by dividing the annual Earnings Opportunity Award by the number of billing months from the billing month of the first DSIM after the determination of the annual Earnings Opportunity Award and 12 calendar months following that first billing month.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1st
Canceling P.S.C. MO. No. 1
KCP&L Greater Missouri Operations Company
KANSAS CITY, MO

Revised Sheet No. 138.3
Original Sheet No. 138.3
For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER
Schedule DSIM (Continued)

EOR = Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the NEO revenues billed during the previous EP resulting from the application of the DSIM and the monthly amortization of the EO 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 on cumulative over- or under- balances at the Company's monthly Short-Term Borrowing Rate.

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

$$\text{NOA} = \text{OA} + \text{OAR}$$

OA = Ordered Adjustment is the amount of any adjustment to the DSIM ordered by the Commission as a result of prudence reviews and/or corrections under this DSIM Rider. 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 NOA revenues billed during the previous EP resulting from the application of the DSIM 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 on cumulative over- or under-balances at the Company's monthly Short- Term Borrowing Rate.

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the DSIM Rider applies during the applicable RP plus the succeeding RP.

The DSIM components and total DSIM applicable to the individual rate schedules shall be rounded to the nearest \$0.00001.

Allocation of costs for each rate schedule for the MEEIA Cycle 2 Plan will be made in accordance with the Stipulation in Docket No EO-2015-0241. MEEIA Cycle 3 Plans will be allocated as outlined in the Stipulation in Docket No EO-2018-0299.

This DSIM Rider shall not be applicable to customers that have satisfied the opt-out provisions contained in Section 393. Section 393.1075.7, RSMo.1075.7, RSMo.

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1st
 Canceling P.S.C. MO. No. 1
 KCP&L Greater Missouri Operations Company
 KANSAS CITY, MO

Revised Sheet No. 138.4
 Original Sheet No. 138.4
 For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER
 Schedule DSIM (Continued)

CALCULATION OF TD:

Monthly Throughput Disincentive = the sum of the Throughput Disincentive Calculation for all programs applicable to (1) Residential and Non-Residential customers; (2) Small General Service (SGS), (3) Large General Service (LGS) and (4) Large Power Service (LPS).

For purposes of this tariff, the term "Residential Class" and "Non-Residential Classes" shall refer to the rates as outlined in Table of Contents, Sheet No 1 and 2. Residential Class includes General Use and Electric Space Heating, Other Use, Space Heating/Water Heating-Separate Meter Frozen and Residential Service Time-Of-Day. Non-Residential Classes include all categories under General Service, Large General Service, Large Power Service, General Service Time-Of-Day, Thermal energy Storage Pilot Program Frozen, Real-Time Price Program and Special Contract Rate.

Throughput Disincentive Calculation

The Throughput Disincentive Calculation for each program shall be determined by the formula:

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

Where:

TD\$ = Throughput Disincentive Dollars to be collected for a given calendar month, for a given class.

RB = Rebasing Adjustment. The Rebasing Adjustment shall equal the CAS applicable as of the date used for the MEEIA normalization in any general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to MEEIA Cycle 2 and MEEIA Cycle 3. In the event more than one general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to this MEEIA Cycle 2 and MEEIA Cycle 3, the Rebasing Adjustment shall include each and every prior Rebasing Adjustment calculation.

LS = Load Shape. The MEEIA Cycle 3 Load Shape is the monthly loadshape percent for each program as follows:

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
Business Standard	8.59%	7.78%	8.61%	8.19%	8.62%	8.24%	8.46%	8.62%	8.02%	8.60%	8.12%	8.16%	100.00%
Business Custom	8.57%	7.74%	8.57%	8.20%	8.58%	8.23%	8.46%	8.62%	8.05%	8.62%	8.16%	8.19%	100.00%
Business Process Efficiency	8.57%	7.74%	8.57%	8.20%	8.58%	8.23%	8.46%	8.62%	8.05%	8.62%	8.16%	8.19%	100.00%
Small Business Targeted	8.60%	7.77%	8.61%	8.18%	8.62%	8.24%	8.45%	8.64%	8.01%	8.64%	8.14%	8.10%	100.00%
Business Demand Response	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	53.33%	46.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Business Smart Thermostat	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	53.33%	46.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Online Business Energy Audit	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Energy Saving Products	10.16%	9.18%	8.67%	8.39%	8.67%	6.81%	7.08%	7.12%	7.35%	8.35%	8.08%	10.16%	100.00%
Heating, Cooling & Weatherization	6.73%	6.00%	7.14%	6.74%	7.72%	11.07%	13.48%	12.30%	8.22%	7.17%	6.77%	6.65%	100.00%
Home Energy Report	6.75%	5.96%	7.84%	7.59%	7.96%	10.26%	10.59%	10.53%	9.80%	8.24%	7.88%	6.59%	100.00%
Income-Eligible Multi-Family	7.42%	6.59%	8.02%	7.77%	8.10%	9.59%	9.91%	9.87%	9.28%	8.26%	7.93%	7.29%	100.00%
Residential Demand Response	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	53.33%	46.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Online Home Energy Audit	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Research & Pilot	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	100.00%

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Effective: April 1, 2019

KCP&L Greater Missouri Operations Company
KANSAS CITY, MO 64106**For Missouri Retail Service Area**RULES AND REGULATIONS
ELECTRIC**CALCULATION OF TD (continued)**

NMR = Net Margin Revenue. Net Margin revenue values for each class are provided on Tariff Sheet No.138.8.

NTGF = Net to Gross Factor for MEEIA Cycle 2 is 0.85. Net to Gross Factors by MEEIA Cycle 3 program are as follows:

Factors by MEEIA Cycle 3 program are as follows:

Program	NTG
Business Standard	0.96
Business Custom	0.92
Business Process Efficiency	0.90
Business Demand Response	1.00
Business Smart Thermostat	1.00
Energy Saving Products	0.84
Heating, Cooling & Weatherization	0.82
Home Energy Report	1.00
Income-Eligible Multi-Family	1.00
Residential Demand Response	1.00
Research & Pilot	1.00

MS = The sum of all Programs' Monthly Savings in kWh, for a given month, for a given class. The Monthly Savings in kWh for each Program shall be determined by the formula:

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

TATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No. 1 1st
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KCP&L Greater Missouri Operations Company
KANSAS CITY, MO

Revised Sheet No. 138.5
Original Sheet No. 138.5
For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER
Schedule DSIM (Continued)

CALCULATION OF TD (Cont.):

Where:

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

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

- a. Prior to finalization of EM&V for Cycle 3, 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 TRM.
- b. After finalization of EM&V for Cycle 3, 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 Cycle 3).
- c. For Measures in MEEIA Cycle programs Business Energy Efficiency Rebate – Custom, Strategic Energy Management, Block Bidding and Income-Eligible Multi-Family and in MEEIA Cycle 3 programs Business Custom, Business Process Efficiency, and Income-Eligible Multi-Family (programs with custom measures), the ME will be the annual value attributable to the installations reported monthly by the program implementer.

MAS = The sum of MC multiplied by ME for all measures in a program in the current calendar month.

CAS = Cumulative sum of MAS for each program for MEEIA Cycle 2 and Cycle 3

CM = Current calendar month

PM = Prior calendar month

HER = Monthly kWh savings for the Home Energy Reports program measured and reported monthly by the program implementer.

Measure – Energy efficiency measures described for each program in the Technical Resource Manual.

Programs – MEEIA Cycle 2 programs listed in Tariff Sheet No. R-3.01 and Cycle 3 programs listed in Tariff Sheet No. R-3, and added in accordance with the Commission’s rule 4 CSR 240-20.094(4).

TRM – Commission-Approved Technical Resource Manual and updated based on EM&V ex-post gross adjustments determined for Year 1 no later than 24 months after the commencement of Cycle 3.

Issued by: Darrin R. Ives, Vice President

STATE OF MISSOURI, PUBLIC SERVICE COMMISSION

P.S.C. MO. No.	<u>1</u>	<u>2nd</u>	Revised Sheet No. <u>138.6</u>
Canceling P.S.C. MO. No.	<u>1</u>	<u>1st</u>	Revised Sheet No. <u>138.6</u>

KCP&L Greater Missouri Operations Company
KANSAS CITY, MO

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER
Schedule DSIM (Continued)

Earnings Opportunity Adjustments

The MEEIA Cycle 2 EO Award shall be calculated using the matrix in tariff Sheet No. 138.8. The cumulative EO will not go below \$0. The EO target at 100% is \$10,383,855. Before adjustments reflecting TD EM&V including NTG, the EO cannot go above \$14,290,195.

The annual MEEIA Cycle 3 EO Award shall be calculated using the matrix in tariff Sheet No. 138.8. The cumulative EO will not go below \$0. The EO target at 100% is 10,055,885. Before adjustments reflecting TD EM&V including NTG, the EO cannot go above \$14,373,509. The cap is based on current program levels. If Commission-approved new programs are added in the years 2020, 2021 and any program plan extensions through 2024, the Company may seek Commission approval to have the targets for the cap of the EO scale proportionately to the increase in savings targets.

The MEEIA Cycle 2 and MEEIA Cycle 3 Earnings Opportunity Awards shall be adjusted for the difference between the TD\$ billed and what the 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 NTGFs used in the calculation was the net-to-gross values determined through EM&V, except that if the NTG 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.
- (3) If the above adjustments are negative in an amount greater than the otherwise applicable Earnings Opportunity, these adjustments shall be limited to the value of the otherwise applicable Earnings Opportunity.
- (4) If the above adjustments plus the otherwise applicable Earnings Opportunity related to MEEIA Cycle 2, are greater than \$20M, these adjustments shall be limited to the difference between the otherwise applicable Earnings Opportunity and \$20M.

Other DSIM Provisions

The Company shall file an update to NMR rates by month by class contemporaneous with filing any compliance tariff sheets in any general rate case reflecting the rates set in that case, and the billing determinants used in setting rates in that case.

Annual kWh savings per measure will be updated prospectively in KCP&L/GMO's TRM no later than 24 months after the commencement of the Plan based on EM&V ex-post gross adjustments determined for Year 1 and annually thereafter upon finalization of each subsequent program year EM&V report.

MEEIA Cycle 3 NTG Factors by program will be updated prospectively no later than 24 months after the commencement of the Plan based on EM&V net-to-gross percentages for each program determined for Year 1 and annually thereafter upon finalization of each subsequent program year EM&V report. MEEIA Cycle 2 – KCP&L/GMO shall each file a general rate case at some point before the end of year 5 of the Cycle 2 period to address the TD through the rebasing of revenues used to establish base rates, and if KCP&L/GMO fails to do so, the accrual and collection of the TD terminates beginning in year 6 of the Cycle 2 period. The Signatories agree that the filing of a rate case by each company utilizing an update or true-up period that ends between 30 months and 60 months after the effective date of the tariffs implementing MEEIA Cycle 2 satisfies this requirement.

FILING:

After the initial DSIM Rider rate adjustment filing, the Company shall make a DSIM Rider rate adjustment filing to take effect each August and February under the Term of this MEEIA Rider. DSIM Rider rate adjustment 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(11). Any costs, which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this DSIM Rider, shall be returned to customers through an adjustment in the next DSIM Rider rate adjustment filing and reflected in factor OA above.

DEMAND SIDE INVESTMENT MECHANISM RIDER Schedule DSIM (Continued)

Discontinuing the DSIM:

The Company reserves the right to discontinue the entire MEEIA Cycle 3 portfolio, if the Company determines that implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially and negatively impacted the economic viability of such programs as determined by the Company, upon no less than thirty days' notice to the Commission. As a result of these changes, the Company may file to discontinue this DSIM. Similar to Program discontinuance, the Company would file a notice indicating that it is discontinuing the DSIM Rider. This notice would include a methodology for recovery of any unrecovered Program Costs and TD.

DEMAND SIDE INVESTMENT MECHANISM CHARGE:

Effective upon Commission approval in Case No. EO-2018-0299 of MEEIA Cycle 3 Filing.

DSIM Components and Total DSIM

Rate Schedule	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)	Total DSIM (\$/kWh)
Residential Service	\$0.00246	\$0.00083	\$0.00000	\$0.00000	\$0.00329
Non- Residential Service - SGS	\$0.00284	\$0.00061	\$0.00000	\$0.00000	\$0.00345
Non- Residential Service - LGS	\$0.00280	\$0.00054	\$0.00000	\$0.00000	\$0.00334
Non- Residential Service - LPS	\$0.00249	\$0.00015	\$0.00000	\$0.00000	\$0.00264

KCP&L GREATER MISSOURI OPERATIONS COMPANY

P.S.C. MO. No. 1 3rd
 Canceling P.S.C. MO. No. 1 2nd

Revised Sheet No. 138.8
 Revised Sheet No. 138.8

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER
 Schedule DSIM (Continued)

Net Margin Revenue Rates by Rate Class by Month & Earnings Opportunity Matrices:

	January	February	March	April	May	June	July	August	September	October	November	December
RES Margin less fuel	\$0.04587	\$0.04881	\$0.05136	\$0.05152	\$0.05603	\$0.09250	\$0.09373	\$0.09373	\$0.09274	\$0.05383	\$0.05502	\$0.05090
SGS Margin less fuel	\$0.04227	\$0.04250	\$0.04279	\$0.04673	\$0.04727	\$0.07450	\$0.07316	\$0.07340	\$0.07381	\$0.04685	\$0.04716	\$0.04273
LGS Margin less fuel	\$0.02848	\$0.03011	\$0.03035	\$0.03006	\$0.03165	\$0.03709	\$0.03572	\$0.03616	\$0.03664	\$0.03039	\$0.03124	\$0.02984
LP Margin less fuel	\$0.01263	\$0.01243	\$0.01251	\$0.01178	\$0.01233	\$0.01467	\$0.01453	\$0.01452	\$0.01487	\$0.01175	\$0.01184	\$0.01269

MEEIA Cycle 3 EO Matrix

Proposed Metric	Unit	\$/unit	Cumulative Cap	PY1 Cumulative MWh/MW		PY1 Cumulative EO \$		PY2 Cumulative MWh/MW		PY2 Cumulative EO \$		PY3 Cumulative MWh/MW		PY3 Cumulative EO \$		Cycle 3 Cumulative MWh/MW		Cycle 3 Cumulative EO \$	
				Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap
HER: criteria will be whether or not program implemented each year	Program Year	\$175,000	100%	-	-	\$175,000	\$175,000	-	-	\$350,000	\$350,000	-	-	\$525,000	\$525,000	-	-	\$525,000	\$525,000
Income-Eligible Multi-family: criteria will be average project savings as % of baseline and spend > 85% of budget	Program Year	\$66,666.66	130%	-	-	\$66,667	\$86,667	-	-	\$133,333	\$173,333	-	-	\$200,000	\$260,000	-	-	\$400,000	\$520,000
Energy MWh (excluding HER & Multi-Fam.): criteria will be annualization of each program years installations TBD by EM&V	MWh	\$12.97	130%	43,185	56,140	\$560,104	\$728,135	92,452	120,188	\$1,199,107	\$1,558,839	141,796	184,334	\$1,839,091	\$2,390,818	141,796	184,334	\$1,839,091	\$2,390,818
MW (excluding HER, Bus DR, Bus Smart Tstats, & Res DR): criteria will be annualization of each program years installations TBD by EM&V	MW	\$122,507.02	150%	6.703	10.054	\$821,122	\$1,231,683	14.173	21.260	\$1,736,300	\$2,604,450	21.801	32.702	\$2,670,791	\$4,006,186	21.801	32.702	\$2,670,791	\$4,006,186
Bus Smart Tstat & Res DR MW: criteria will be annualization of each program years installations TBD by EM&V	MW	\$92,799.91	150%	9.428	14.142	\$874,932	\$1,312,399	20.452	30.678	\$1,897,951	\$2,846,927	32.848	49.272	\$3,048,288	\$4,572,432	32.848	49.272	\$3,048,288	\$4,572,432
Bus DR MW & R&P: criteria will be annualization of each program years installations TBD by EM&V	MW	\$10,000	150%	49.759	74.639	\$497,595	\$746,392	102.142	153.214	\$1,021,425	\$1,532,137	157.272	235.907	\$1,572,716	\$2,359,074	157.272	235.907	\$1,572,716	\$2,359,074
						\$2,995,420	\$4,280,275			\$6,338,116	\$9,065,686			\$9,855,885	\$14,113,509			\$10,055,885	\$14,373,509

Notes:
 1. Targets based on Cumulative Savings at the meter
 2. EO Targets and Caps for PY 4 - PY 6 are the same values as PY 1 - PY 3.
 3. See MEEIA 3 Report for additional detail on the IEMF criteria for EO.

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 Issued by: Darrin R. Ives, Vice President

Effective: April 1, 2019

KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Fifth Revised Sheet No. 490

Cancelling P.S.C. MO. No. 7 Fourth Revised Sheet No. 490

For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER (Cycle 2) Schedule DSIM (Continued)

Net Margin Revenue Rates by Rate Class by Month & Earnings Opportunity Matrix:

	January	February	March	April	May	June	July	August	September	October	November	December
RES Margin less fuel	\$0.07233	\$0.07660	\$0.07742	\$0.08516	\$0.08597	\$0.12249	\$0.12590	\$0.12644	\$0.12522	\$0.07927	\$0.08517	\$0.07736
SGS Margin less fuel	\$0.07761	\$0.07951	\$0.08060	\$0.08678	\$0.08833	\$0.11489	\$0.10862	\$0.10693	\$0.10898	\$0.08618	\$0.08794	\$0.08128
MGS Margin less fuel	\$0.04727	\$0.04842	\$0.04961	\$0.05424	\$0.05440	\$0.07494	\$0.07089	\$0.07039	\$0.07120	\$0.05280	\$0.05520	\$0.05002
LGS Margin less fuel	\$0.03137	\$0.03299	\$0.03241	\$0.03542	\$0.03447	\$0.04835	\$0.04639	\$0.04540	\$0.04572	\$0.03411	\$0.03567	\$0.03301
LPS Margin less fuel	\$0.01167	\$0.01174	\$0.01297	\$0.01252	\$0.01060	\$0.01404	\$0.01345	\$0.01165	\$0.01112	\$0.01175	\$0.01300	\$0.01540

Proposed Metric	KCPL-Missouri						
	Payout rate	Payout unit	% of Target EO	KCPL 100% payout	KCPL Cap	Cap/100% Multiplier	Target @ 100%
Opower: criteria will be effective, prudent spend of budget	N/A		5.05%	\$375,000	\$375,000		
EE & Tstat MWh (Excl. Opower, DRI, & IEMF): criteria will be the cumulative of the 1st yr incremental MWh during the 3 year plan	\$8.31	\$/MWh	19.24%	\$1,429,121	\$1,857,857	130%	171,976.043
EE Coincident MW (Excl. Opower, DRI, Tstat, & IEMF): criteria will be cumulative of the 1st year MW reduction during the 3 year plan, coincident with system peak	\$114,741.01	\$/MW	52.83%	\$3,925,175	\$5,887,763	150%	34.209
Thermostat MW impact: criteria will be cumulative of the MW reduction during 3 year plan, coincident with system peak	\$91,941.81	\$/MW	15.14%	\$1,125,000	\$1,687,500	150%	12.236
DR Incentive (DRI) MW of Ramping (growth from year 1 planned to year 3 actual) (year 1 is 10 MW - KCP&L-MO and 20 MW in GMO)	\$75,000.00	\$/MW	5.05%	\$375,000	\$487,500	130%	5.000
Income Eligible Multi-Family (IEMF): criteria will be effective, prudent spend of budget	N/A		2.69%	\$200,000	\$200,000		
			100%	\$7,429,296	\$10,495,620		
Total Cap Including TD Adjustments					\$15,500,000		

Note:

1. Targets based on cumulative savings at the meter
2. The payout rate will be multiplied by the payout unit up to the maximum
3. MWh & MW targets are rounded to the nearest kWh & kW
4. Payout rate rounded to the nearest \$0.01

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KANSAS CITY POWER & LIGHT COMPANY

P.S.C. MO. No. 7 Second

Revised

Sheet No. 49P

Cancelling P.S.C. MO. No. 7 First

Revised

Sheet No. 49P

For Missouri Retail Service Area

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Sheet No. _____

For Missouri Retail Service Area

**DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM**

APPLICABILITY

This rider is applicable to all non-lighting kilowatt-hours (kWh) of energy supplied to customers under the Company's retail rate schedules, excluding kWh of energy supplied to "opt-out" customers.

Charges passed through this DSIM Rider reflect the charges approved to be collected from the implementation of the Missouri Energy Efficiency Investment Act (MEEIA) Cycle 3 Plan & any remaining unrecovered balances from the MEEIA Cycles 1 and 2 Plan DSIM. Those charges include:

- 1) Program Costs, Throughput Disincentive (TD), and Earnings Opportunity Award (EO) (if any) for the MEEIA Cycle 3 Plan, as well as Program Costs, TD and EO for commission approved business program projects completed by June 30, 2020 that will be counted under the MEEIA Cycle 2 Plan, as outlined in the Stipulation and Agreement found in EO-2015-0240 and any earned Earnings Opportunity earned (and ordered) attributable to MEEIA Cycle 2 as set out in File No EO-2015-0240.
- 2) Reconciliations, with interest, to true-up for differences between the revenues billed under this DSIM Rider and total actual monthly amounts for:
 - i) Program Costs incurred in Cycle 3 and/or remaining true-ups or unrecovered amounts for MEEIA Cycles 1 and 2,
 - ii) TD Share incurred in Cycle 3 and/or remaining true-ups or unrecovered amounts for MEEIA Cycles 1 and 2, and
 - iii) Amortization of any Earnings Opportunity (EO) Award ordered by the Missouri Public Service Commission (Commission) as set out in EO-2015-0240 or EO-2019-0132 and/or remaining true-ups or unrecovered amounts for MEEIA Cycles 1 and 2.
- 3) Any Ordered Adjustments. Charges under this DSIM Rider shall continue after the anticipated 36- month plan period of MEEIA Cycle 3 (72- month plan period with regard to the Income-Eligible Multi-Family program) until such time as the charges described in items 1) and 2) above have been billed.

Charges arising from the MEEIA Cycle 3 Plan that are the subject of this DSIM Rider shall be reflected in one "DSIM Charge" on customers' bills in combination with any charges arising from a rider that is applicable to post-MEEIA Cycle 3 Plan demand-side management programs approved under the MEEIA. This will include any unrecovered amounts for Program Costs, TD Share from MEEIA Cycles 1 and 2, and/or Earnings Opportunity, etc. earned/remaining from MEEIA Cycle 2 that is expected to begin recovery early in 2020.

DEFINITIONS

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

"Company's Throughput Disincentive (TD) is meant to represent the utility's lost margins associated with the successful implementation of the MEEIA programs. The detailed methodology for calculating the TD is described beginning in Tariff Sheet No. 49U.

"Effective Period" (EP) means the six (6) months beginning with January of 2019, and each six-month period thereafter.

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

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

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For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3 Schedule DSIM

DEFINITIONS (continued)

"MEEIA Cycle 2 Plan" consists of the 16 demand-side programs and the DSIM (including Program Costs, TD, Earnings Opportunity, etc.) described in the approved MEEIA Cycle 2 filing in Docket No. EO-2015-0240 and corresponding tariffs.

"MEEIA Cycle 3 Plan" consists of the 12 demand-side programs and the DSIM described in the MEEIA Cycle 3 Filing, following Commission approval and order granted under Docket No EO-2019-0132.

"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 statewide technical resource manual.

"Cycle 3 Earnings Opportunity" (EO) means the annual incentive ordered by the Commission based on actual performance verified through EM&V against planned targets. The Company's EO will be \$7,909,523 if 100% of the planned targets are achieved. EO is capped at \$11,337,723. Potential Earnings Opportunity adjustments are described on Sheet No. 49W. The Earnings Opportunity Matrix outlining the payout rates, weightings, and caps can be found in 49Z.

"Short-Term Borrowing Rate" means (i) the daily one-month USD LIBOR rate, using the last previous actual rate for weekends and holidays or dates without an available LIBOR rate, plus (ii) the Applicable Margin for Eurodollar Advances as defined in the Pricing Schedule of the current KCP&L Revolving Credit Agreement. A simple mathematical average of all the daily rates for the month is then computed.

"AFUDC Rate" 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.

Recovery Period (RP) includes the day the DSIM Rider Tariff becomes effective through July 31, 2019 and each six-month period thereafter.

KANSAS CITY POWER AND LIGHT COMPANY

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For Missouri Retail Service Area

**DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM**

DETERMINATION OF DSIM RATES

The DSIM during each applicable EP is a dollar per kWh rate for each rate schedule calculated as follows:

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

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 plus the succeeding EP, including any unrecovered Cycle 2 Program Costs associated with long-lead projects, final EM&V costs and other cost true-ups.

PCR = Program Costs Reconciliation is equal to the cumulative difference between the NPC revenues billed resulting from the application of the DSIM through the end of the previous EP 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 on cumulative over- or under-balances 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 the Company's TD projected by the Company to be incurred during the applicable EP plus the succeeding EP, including any unrecovered TD associated with MEEIA Cycle 2 savings as outlined in Stipulation & Agreement filed in Docket EO-2019-0132. For the detailed methodology for calculating the TD, see Sheet 49U.

TDR = Throughput Disincentive Reconciliation is equal to the cumulative difference, if any, between the NTD revenues billed during the previous EP resulting from the application of the DSIM and the Company's TD through the end of the previous EP calculated pursuant to the MEEIA Cycle 2 or 32 Application, as applicable (which will reflect projections through the end of the previous EP due to timing of adjustments). Such amounts shall include monthly interest on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

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

$$NEO = EO + EOR$$

KANSAS CITY POWER AND LIGHT COMPANY

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For Missouri Retail Service Area

**DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM**

DETERMINATION OF DSIM RATES (continued)

EO = Earnings Opportunity is equal to the Earnings Opportunity Award monthly amortization multiplied by the number of billing months in the applicable EP plus the succeeding EP. This will also include any Earnings Opportunity as set out in Cycle 2 and addressed on Sheet No. 49G.

The monthly amortization shall be determined by dividing the annual Earnings Opportunity Award by the number of billing months from the billing month of the first DSIM after the determination of the annual Earnings Opportunity Award and 12 calendar months following that first billing month.

EOR= Earnings Opportunity Reconciliation is equal to the cumulative difference, if any, between the NEO revenues billed during the previous EP resulting from the application of the DSIM and the monthly amortization of the Earnings Opportunity 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 on cumulative over- or under-balances 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 DSIM ordered by the Commission as a result of prudence reviews and/or corrections under this DSIM Rider. 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 NOA revenues billed during the previous EP resulting from the application of the DSIM 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 on cumulative over- or under-balances at the Company's monthly Short-Term Borrowing Rate.

PE = Projected Energy, in kWh, forecasted to be delivered to the customers to which the DSIM Rider applies during the applicable RP plus the succeeding RP.

The DSIM components and total DSIM applicable to the individual rate schedules shall be rounded to the nearest \$0.00001.

Allocation of costs for each rate schedule for the MEEIA Cycle 2 and MEEIA Cycle 3 Plans will be made in accordance with the Stipulations in Dockets EO-2015-0240 and EO-2019-0132.

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

KANSAS CITY POWER & LIGHT COMPANY

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Canceling P.S.C. MO. No. _____ Revised Sheet No. _____
For Missouri Retail Service Area

**RULES AND REGULATIONS
ELECTRIC**

CALCULATION OF TD (Continued)

NMR = Net Margin Revenue. Net Margin revenue values for each class are provided on Tariff Sheet 49Z.

NTGF = Net to Gross Factor. The Net to Gross Factors by MEEIA Cycle 3 program are as follows:

<u>Program</u>	<u>NTG</u>
Business Standard	0.96
Business Custom	0.92
Business Process Efficiency	0.90
Business Demand Response	1.00
Business Smart Thermostat	1.00
Energy Saving Products	0.84
Heating, Cooling & Weatherization	0.82
Home Energy Report	1.00
Income-Eligible Home Energy Report	1.00
Income-Eligible Multi-Family	1.00
Residential Demand Response	1.00
Research & Pilot	1.00

MS = The sum of all Programs' Monthly Savings in kWh, for a given month, for a given class.
The
Monthly Savings in kWh for each Program shall be determined by the formula:

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

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For Missouri Retail Service Area

**DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM**

CALCULATION OF TD

Monthly Throughput Disincentive = the sum of the Throughput Disincentive Calculation for all programs applicable to (1) Residential and Non-Residential customers; (2) Small General Service (SGS), (3) Medium General Service (MGS), (4) Large General Service (LGS) and (5) Large Power Service (LPS).

For purposes of this tariff, the term “Residential Class” and “Non-Residential Class” shall refer to the rates as outlined in Table of Contents, Sheet No TOC-2. Residential Class includes Residential Service and Residential Other Use and Residential Time of Use. Non-Residential Classes include all rates as identified under the category Commercial & Industrial, which includes Small General Service, Medium General Service, Large General Service and Large Power Service, Real Time Pricing and Two Part- Time of Use.

Throughput Disincentive Calculation

The Throughput Disincentive Calculation for each program shall be determined by the formula:

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

Where:

TD\$ = Throughput Disincentive Dollars to be collected for a given calendar month, for a given class.

RB = Rebasing Adjustment. The Rebasing Adjustment shall equal the CAS applicable as of the date used for the MEEIA normalization in any general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to this MEEIA Cycle 3. In the event more than one general rate case resulting in new rates becoming effective during the accrual and collection of TD\$ pursuant to this MEEIA Cycle 3, the Rebasing Adjustment shall include each and every prior Rebasing Adjustment calculation.

LS = Load Shape. The Load Shape is the monthly load shape percent for each program as follows:

Program Name	January	February	March	April	May	June	July	August	September	October	November	December	Total
Business Standard	8.59%	7.78%	8.61%	8.19%	8.62%	8.24%	8.46%	8.62%	8.02%	8.60%	8.12%	8.16%	100.00%
Business Custom	8.57%	7.74%	8.57%	8.20%	8.58%	8.23%	8.46%	8.62%	8.05%	8.62%	8.16%	8.19%	100.00%
Business Process Efficiency	8.57%	7.74%	8.57%	8.20%	8.58%	8.23%	8.46%	8.62%	8.05%	8.62%	8.16%	8.19%	100.00%
Small Business Targeted	8.60%	7.77%	8.61%	8.18%	8.62%	8.24%	8.45%	8.64%	8.01%	8.64%	8.14%	8.10%	100.00%
Business Demand Response	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	53.33%	46.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Business Smart Thermostat	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	53.33%	46.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Online Business Energy Audit	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Energy Saving Products	10.16%	9.18%	8.67%	8.39%	8.67%	6.81%	7.08%	7.12%	7.35%	8.35%	8.08%	10.16%	100.00%
Heating, Cooling & Weatherization	6.73%	6.00%	7.14%	6.74%	7.72%	11.07%	13.48%	12.30%	8.22%	7.17%	6.77%	6.65%	100.00%
Home Energy Report	6.75%	5.96%	7.84%	7.59%	7.96%	10.26%	10.59%	10.53%	9.80%	8.24%	7.88%	6.59%	100.00%
Income-Eligible Home Energy Report	6.75%	5.96%	7.84%	7.59%	7.96%	10.26%	10.59%	10.53%	9.80%	8.24%	7.88%	6.59%	100.00%
Income-Eligible Multi-Family	7.42%	6.59%	8.02%	7.77%	8.10%	9.59%	9.91%	9.87%	9.28%	8.26%	7.93%	7.29%	100.00%
Residential Demand Response	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	53.33%	46.67%	0.00%	0.00%	0.00%	0.00%	100.00%
Online Home Energy Audit	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Research & Pilot	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%	100.00%

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Sheet No. _____

For Missouri Retail Service Area

**DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM**

CALCULATION OF TD (continued)

Where:

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

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

- a. Prior to finalization of EM&V for Cycle 3, 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 TRM.
- b. After finalization of EM&V for Cycle 3, Year 1 programs, for Measures not under the programs as 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 Cycle 3).
- c. For Measures Business Custom, Business Process Efficiency, and Income-Eligible Multi-Family (programs with custom measures), the ME will be the annual value attributable to the installations reported monthly by the program implementer.

MAS = The sum of MC multiplied by ME for all measures in a program in the current calendar month.

CAS = Cumulative sum of MAS for each program for MEEIA Cycle 3

CM = Current calendar month

PM = Prior calendar month

HER = Monthly kWh savings for the Home Energy Reports and Income-Eligible Home Energy Reports programs measured and reported monthly by the program implementer.

Measure – Energy efficiency measures described for each program in the Technical Resource Manual.

Programs – MEEIA Cycle 3 programs listed in Tariff Sheet No. 1.04C and added in accordance with the Commission’s rule 4 CSR 240-20.094(4).

TRM – Commission-approved Technical Resource Manual and updated based on EM&V ex-post gross adjustments determined for Year 1 no later than 24 months after the commencement of Cycle 3.

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For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM

EARNINGS OPPORTUNITY AWARD DETERMINATION

The annual EO Award shall be calculated using the matrix in tariff Sheet No. 49Z. The cumulative EO will not go below \$0. The EO target at 100% is \$7,909,523. Before adjustments reflecting TD EM&V including NTG, the EO cannot go above \$11,337,723. The cap is based on current program levels. If Commission-approved new programs are added in the years 2020, 2021 and any program plan extensions through 2024, the Company may seek Commission approval to have the targets for the cap of the EO scale proportionately to the increase in savings targets.

The annual Earnings Opportunity Award shall be adjusted for the difference, with carrying costs at the KCP&L monthly Allowance for Funds Used During Construction (AFUDC) rate compounded semi-annually, between the TD\$ billed and what the 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 NTG 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.
- (3) If the above adjustments are negative in an amount greater than the otherwise applicable Earnings Opportunity, these adjustments shall be limited to the value of the otherwise applicable Earnings Opportunity.

OTHER DSIM PROVISIONS

The Company shall file an update to the NMR rates by Class by month contemporaneous with filing any compliance tariff sheets in any general rate case reflecting the rates set in that case, and the billing determinants used in setting rates in that case.

Annual kWh savings per measure will be updated prospectively in KCP&L/GMO's TRM no later than 24 months after the commencement of the Plan based on EM&V ex-post gross adjustments determined for Year 1 and annually thereafter upon finalization of each subsequent program year EM&V report.

NTG Factors by program will be updated prospectively no later than 24 months after the commencement of the Plan based on EM&V net-to-gross percentages for each program determined for Year 1 and annually thereafter upon finalization of each subsequent program year EM&V report.

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For Missouri Retail Service Area

DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM

FILING

After the initial DSIM Rider rate adjustment filing, the Company shall make a DSIM Rider rate adjustment filing to take effect each August and February under the Term of this MEEIA Rider. DSIM Rider rate adjustment 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(11). Any costs, which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this DSIM Rider, shall be returned to customers through an adjustment in the next DSIM Rider rate adjustment filing and reflected in factor OA above.

DISCONTINUING THE DSIM

The Company reserves the right to discontinue the entire MEEIA Cycle 3 portfolio, if the Company determines that implementation of such programs is no longer reasonable due to changed factors or circumstances that have materially and negatively impacted the economic viability of such programs as determined by the Company, upon no less than thirty days' notice to the Commission. As a result of these changes, the Company may file to discontinue this DSIM. Similar to Program discontinuance, the Company would file a notice indicating that it is discontinuing the DSIM Rider. This notice would include a methodology for recovery of any unrecovered Program Costs and TD.

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For Missouri Retail Service Area

**DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM**

DEMAND SIDE INVESTMENT MECHANISM CHARGE

DSIM Components and Total DSIM

Rate Schedule	NPC/PE (\$/kWh)	NTD/PE (\$/kWh)	NEO/PE (\$/kWh)	NOA/PE (\$/kWh)	Total DSIM (\$/kWh)
Residential Service	\$0.00241	\$0.00106	\$0.00000	\$0.00000	\$0.00347
Non- Residential Service - SGS	\$0.00336	\$0.00251	\$0.00000	\$0.00000	\$0.00587
Non- Residential Service - MGS	\$0.00165	\$0.00066	\$0.00000	\$0.00000	\$0.00231
Non- Residential Service - LGS	\$0.00205	\$0.00059	\$0.00000	\$0.00000	\$0.00264
Non- Residential Service - LPS	\$0.00186	\$0.00025	\$0.00000	\$0.00000	\$0.00211

OPT-OUT PROVISIONS (Non-Residential Customers)

Pursuant to Missouri Rule 4 CSR 240-20.094(7)(A): Any customer meeting one (1) or more of the following criteria shall be eligible to opt-out of participation in utility-offered demand side programs:

1. The customer has one (1) or more accounts within the service territory of the electric utility that has a demand of the individual accounts of five thousand (5,000) kW or more in the previous twelve (12) months;
2. The customer operates an interstate pipeline pumping station, regardless of size; or
3. The customer has accounts within the service territory of the electric utility that have, in aggregate across its accounts, a coincident demand of two thousand five hundred (2,500) kW or more in the previous twelve (12) months, and the customer has a comprehensive demand side or energy efficiency program and can demonstrate an achievement of savings at least equal to those expected from utility-provided programs.
 - A. For utilities with automated meter reading and or advanced metering infrastructure capability, the measure of demand is the customer coincident highest billing demand of the individual accounts during the twelve (12) months preceding the opt-out notification.

A customer electing to opt-out under requirements 1 and 2 above 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. Customers electing to opt-out under requirement 3 above must provide notice to the utility and the manager of the energy resource analysis section of the commission during the stated timeframe. Customers electing to opt-out shall still be allowed to participate in interruptible or curtailable rate schedules or tariffs offered by the electric utility.

Customers who have satisfied the opt-out provisions of 4 CSR 240-20.094(7) to opt-out of both the DSIM Charge and the Non-MEEIA rate will not be charged the DSIM Charge and receive an offset of the Non- MEEIA rate amount on the same bill, based on their actual usage. The current Non-MEEIA rate is found in Section 8.09 of the Rules and Regulations, Sheet 1.28.

KANSAS CITY POWER AND LIGHT COMPANY

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For Missouri Retail Service Area

**DEMAND SIDE INVESTMENT MECHANISM RIDER CYCLE 3
Schedule DSIM**

Net Margin Revenue Rates by Rate Class by Month & Earnings Opportunity Matrix

	January	February	March	April	May	June	July	August	September	October	November	December
RES Margin less fuel	\$0.07054	\$0.07461	\$0.07792	\$0.08035	\$0.08243	\$0.12114	\$0.12368	\$0.12363	\$0.12169	\$0.07356	\$0.08201	\$0.07637
SGS Margin less fuel	\$0.07305	\$0.07478	\$0.07659	\$0.08034	\$0.08510	\$0.10728	\$0.10182	\$0.10181	\$0.10334	\$0.08043	\$0.08282	\$0.07651
MGS Margin less fuel	\$0.04656	\$0.04749	\$0.04830	\$0.05188	\$0.05653	\$0.07344	\$0.07014	\$0.07050	\$0.07052	\$0.05123	\$0.05472	\$0.04918
LGS Margin less fuel	\$0.02810	\$0.02927	\$0.03033	\$0.03219	\$0.03375	\$0.04615	\$0.04309	\$0.04395	\$0.04224	\$0.03110	\$0.03269	\$0.02892
LPS Margin less fuel	\$0.01041	\$0.01169	\$0.01119	\$0.00997	\$0.01263	\$0.01376	\$0.01148	\$0.01279	\$0.01248	\$0.01077	\$0.01259	\$0.01038

Proposed Metric	Unit	\$/unit	Cumulative Cap	PY1 Cumulative MWh/MW		PY1 Cumulative EO \$		PY2 Cumulative MWh/MW		PY2 Cumulative EO \$		PY3 Cumulative MWh/MW		PY3 Cumulative EO \$		Cycle 3 Cumulative MWh/MW		Cycle 3 Cumulative EO \$	
				Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap	Target	Cap
HER: criteria will be whether or not program implemented each year	Program Year	\$115,000	100%	-	-	\$115,000	\$115,000	-	-	\$230,000	\$230,000	-	-	\$345,000	\$345,000	-	-	\$345,000	\$345,000
Income-Eligible HER: criteria will be whether or not program implemented each year	Program Year	\$10,000	100%	-	-	\$10,000	\$10,000	-	-	\$20,000	\$20,000	-	-	\$30,000	\$30,000	-	-	\$30,000	\$30,000
Income-Eligible Multi-family: criteria will be average project savings as % of baseline and spend > 85% of budget	Program Year	\$66,666.66	130%	-	-	\$66,667	\$86,667	-	-	\$133,333	\$173,333	-	-	\$200,000	\$260,000	-	-	\$400,000	\$520,000
Energy MWh (excluding HER & Multi Fam.): criteria will be annualization of each program years installations TBD by EM&V	MWh	\$8.31	130%	40,624	52,812	\$337,588	\$438,864	95,719	124,435	\$795,427	\$1,034,055	155,873	202,635	\$1,295,302	\$1,683,893	155,873	202,635	\$1,295,302	\$1,683,893
MW (excluding HER, Bus DR, Bus Smart Tstat, & Res DR): criteria will be annualization of each program years installations TBD by EM&V	MW	\$114,741.01	150%	5.54	8.30	\$635,151	\$952,727	13.34	20.02	\$1,531,190	\$2,296,785	22.02	33.03	\$2,526,855	\$3,790,283	22.02	33.03	\$2,526,855	\$3,790,283
Bus Smart Tstat & Res DR MW: criteria will be annualization of each program years installations TBD by EM&V	MW	\$91,941.81	150%	8.89	13.34	\$817,591	\$1,226,386	19.28	28.91	\$1,772,256	\$2,658,383	31.05	46.58	\$2,854,815	\$4,282,223	31.05	46.58	\$2,854,815	\$4,282,223
Bus DR MW & R&P: criteria will be annualization of each program years installations TBD by EM&V	MW	\$10,000	150%	15.21	22.81	\$152,053	\$228,080	30.47	45.70	\$304,691	\$457,037	45.76	68.63	\$457,550	\$686,325	45.76	68.63	\$457,550	\$686,325
						\$2,134,049	\$3,057,723			\$4,786,897	\$6,869,593			\$7,709,523	\$11,077,723			\$7,909,523	\$11,337,723

Note:
 1. Targets based on Cumulative Savings at the meter
 2. EO Targets and Caps for PY 4 - PY 6 are the same values as PY 1 - PY 3.
 3. See MEEIA 3 Report for additional detail on the IEMF criteria for EO.