

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of Union Electric Company d/b/a)
Ameren Missouri's 2nd Filing to Implement) File No. EO-2015-0055
Regulatory Changes in Furtherance of Energy)
Efficiency as Allowed by MEEIA.)

NOTIFICATION

COMES NOW Union Electric Company d/b/a Ameren Missouri (Ameren Missouri or Company) and, pursuant to the terms of the *Non-Unanimous Stipulation and Agreement (Stipulation)* filed in this case, submits the following:

1. The *Stipulation* requires Ameren Missouri to file its initial measures and incentive amounts in this case no less than five business days prior to launching its new energy efficiency programs.¹

2. Ameren Missouri plans to launch its new residential custom and standard incentives programs on June 21, 2016. The guidelines include the incentive levels which will satisfy the requirement detailed in the *Stipulation* to notify regulatory stakeholders.

3. In accordance with the *Stipulation*, Ameren Missouri is providing notice of these changes. Attached to this pleading is the incentive list for the Standard and Custom Multifamily Low Income Program offered in Ameren Missouri's residential energy efficiency program. The changes reflect the 25% adder as agreed to in the *Stipulation*.

WHEREFORE, Ameren Missouri respectfully files this *Notification* in compliance with the terms of the *Non-Unanimous Stipulation and Agreement*.

¹ File No. EO-2015-0055, Non-Unanimous Stipulation and Agreement, p. 4.

Respectfully submitted,

UNION ELECTRIC COMPANY,
d/b/a Ameren Missouri

/s/ Wendy K. Tatro _____

Wendy K. Tatro, #60261

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**ATTORNEYS FOR UNION ELECTRIC
COMPANY d/b/a AMEREN MISSOURI**

CERTIFICATE OF SERVICE

The undersigned certifies that true and correct copies of the foregoing have been e-mailed to counsel of record in this case on this 15th day of June, 2016.

/s/ Wendy K. Tatro

Wendy K. Tatro

Ameren Missouri Residential Energy Efficiency

MEEIA 2 Program Measures & Incentives

Program Measures as listed are for the following Residential Program(s):

1. Heating and Cooling – Launch 3/7/2016
2. Efficient Lighting – Launch 3/31/2016
3. Multifamily Low Income – Launch 4/18/2016, **Revised 6/19/2016**

Measures and Incentive amounts will be provided 5 days prior to program launch.

Heating and Cooling Incentives for Measures identified in the TRM

- Seasonal incentive - to spur the marketplace towards efficient equipment purchases during the months of July, August and/or September as determined by the implementation vendor.

HVAC Measure ER = early replacement ROF = Replace on fail	Customer-facing name	Incentive	Seasonal Incentive
ASHP - SEER 15 ER with ASHP	ASHP SEER 15	500	+100
ASHP - SEER 15 ROF with ASHP	Replace ASHP		
ASHP - SEER 15 New Construction	New ASHP		
ASHP - SEER 15 ER Elec Resist Furnace	ASHP SEER 15	800	+100
ASHP- SEER 15 ROF Elec Resist Furnace	Replace Electric Furnace		
ASHP - SEER 16+ ER with ASHP	ASHP SEER 16+	650	+100
ASHP - SEER 16+ ROF with ASHP	Replace ASHP		
ASHP - SEER 16+ New Construction	New ASHP		
ASHP - SEER 16+ ER Elec Resist Furnace	ASHP SEER 16+	900	+100
ASHP- SEER 16+ ROF Elec Resist Furnace	Replace Electric Furnace		
CAC - SEER 14 ER	CAC SEER 14	300	+100
CAC - SEER 14 ROF	Existing unit working		
CAC - SEER 14 New Construction	Existing unit not working		
CAC - SEER 15 ER	CAC SEER 15	275	+100
CAC - SEER 15 ROF	Existing unit working		
CAC - SEER 15 New Construction	Existing unit not working		
CAC - SEER 16+ ER	CAC SEER 16+	300	+100
CAC - SEER 16+ ROF	Existing unit working		
CAC - SEER 16+ New Construction	Existing unit not working		
Ductless ASHP – SEER 19+ ER with ASHP	Ductless ASHP	500	+100
Ductless ASHP - SEER 19+ ROF with ASHP	Replace ASHP		
Ductless ASHP - SEER 19+ New Construction	New Ductless ASHP		
Ductless ASHP - SEER 19+ ER Elec Resist Furnace	Ductless ASHP		+100

Ameren Missouri Residential Energy Efficiency

MEEIA 2 Program Measures & Incentives

HVAC Measure ER = early replacement ROF = Replace on fail	Customer-facing name	Incentive	Seasonal Incentive
Ductless ASHP- SEER 19+ ROF Elec Resist Furnace	Replace Electric Furnace		
Electronically Commutated Motor (ECM) factory installed in new gas furnace or air handler	ECM Motor Included in AHRI Efficiency Rating	50	
Electronically Commutated Motor (ECM) factory installed in new gas furnace or air handler	ECM Motor Not included in AHRI Efficiency Rating	100	
Retrofit Electronically Commutated Motor (ECM) replacing permanent split capacitor blower motor	ECM Motor Not included in AHRI Efficiency Rating	100	
DFHP 15 SEER –New Construction	Dual Fuel Heat Pump	175	
DFHP 16+ SEER- New Construction		200	
GSHP - EER 14+ ER ASHP with GSHP	Geothermal Heat Pump EER 14+	2000	
GSHP - EER 14+ ER Elec Resist Furnace			
GSHP - EER 14+ ROF Elec Resist Furnace			
GSHP - EER 14+ New Construction			
GSHP - EER 23+ ER GSHP with GSHP	Geothermal Heat Pump EER 23+	800	
GSHP - EER 14+ ROF GSHP			
Learning Thermostat		100	

Energy Efficient Lighting Incentives for Measures identified in the TRM

Energy Efficient Lighting Measures	Low Range Incentive	High Range incentive
10.5W_LED_Downlight	\$0.75	\$5.00
10W_LED	\$0.75	\$4.00
12W_LED_Dimmable	\$0.75	\$5.00
15W_LED	\$0.75	\$4.00
15W_LED_Flood_Light_PAR30	\$0.75	\$5.00
18W_LED_Flood_Light_PAR38	\$0.75	\$5.00
20W_LED	\$0.75	\$4.00
4W_LED_Candelabra	\$0.75	\$5.00
8W_LED_Globe_Light	\$0.75	\$5.00

Multifamily Low Income (CommunitySavers™) Incentives for Measures identified in the TRM

* Small Business Direct Install (SBDI) measures will be added when they are filed for the Business program.

Multifamily Low Income Direct Install Measures – Dwelling Units	Low Range Incentive	High Range Incentive	Incentive
AC - Energy Star Room_MF	\$400.00	\$700.00	

Ameren Missouri Residential Energy Efficiency

MEEIA 2 Program Measures & Incentives

Multifamily Low Income Direct Install Measures – Dwelling Units	Low Range Incentive	High Range Incentive	Incentive
AC - Energy Star Room - Thru-Wall_MF	\$460.00	\$750.00	
ENERGY STAR Refrigerator_MF	\$575.00	\$1200.00	
HVAC Maintenance and Tune-up_MF			75.00
RCA 10% Improvement (Charge Correction)			70.00
LED 9-10.5W Downlight E26 Light Bulb_MF	\$4.00	\$5.75	
LED – 11-12W Dimmable Light Bulb_MF	\$6.00	\$8.85	
LED - 15W Flood Light PAR30 Bulb_MF	\$12.50	\$20.00	
LED - 18W Flood Light PAR38 Bulb_MF	\$14.00	\$17.35	
LED – 6-8W Globe Light G25 Bulb_MF	\$4.00	\$6.30	
Low Flow Faucet Aerator _MF Fixed			6.95
Low Flow Faucet Aerator _MF Swivel			8.25
Low Flow Showerhead_MF Fixed			27.45
Low Flow Showerhead_MF Handheld			32.10
Pipe Insulation_MF (per linear ft)			1.02
Programmable thermostat - full setback_MF			75.00
HP programmable thermostat - full setback_MF			125.00
Dirty Filter Alarm_MF			6.44

The following tables are based on Filed Business Standard Measures and Incentives for Multifamily Common Area & Whole buildings: [\(Section revised 6 19 2016\)](#)

Interior Lighting: Standard (A-Series) Lamp Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
Incandescent 40-60 watts*	LED ≤ 11 watts	Lamp	\$5	\$6.25
Incandescent 75-100 watts*	LED 7 - 20 watts	Lamp	\$7	\$8.75

* Halogen equivalent wattage will be used as the base wattage to calculate energy savings.

Interior Lighting: Reflector Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
Halogen MR-16 35-50 watts	LED ≤ 13 watts	Lamp or Fixture	\$11	\$13.75
Incandescent or Halogen BR/R *	LED ≤ 14 watts	Lamp or Fixture	\$12	\$15.00
Incandescent or Halogen PAR *	LED ≤ 20 watts	Lamp or Fixture	\$15	\$18.75

* Halogen equivalent wattage will be used as the base wattage to calculate energy savings.

Ameren Missouri Residential Energy Efficiency

MEEIA 2 Program Measures & Incentives

Interior Lighting: HID Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
HID 100-175 watts	LED ≤ 80 watts	Lamp or Fixture	\$50	\$62.50
HID 176-300 watts	LED 62 - 130 watts	Lamp or Fixture	\$70	\$87.50
HID 301-500 watts	LED 85 - 225 watts	Lamp or Fixture	\$105	\$131.25

Interior Lighting: HID Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
HID 100-175 watts	LED ≤ 80 watts	Lamp or Fixture	\$50	\$62.50
HID 176-300 watts	LED 62 - 130 watts	Lamp or Fixture	\$70	\$87.50
HID 301-500 watts	LED 85 - 225 watts	Lamp or Fixture	\$105	\$131.25

Interior Lighting: 4ft Linear Fluorescent Lamp* Replacements ~~deleted 6_19_2016~~

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
T8 32 watt	T8 25 or 28 watt	Lamp	\$2	\$2.50
T8 25, 28 or 32 watt	Linear LED lamp ≤ 22 watts	Lamp	\$5	\$6.25
T12 ≤ 40 watt	T8 25 or 28 watt	Lamp	\$3	\$3.75
T12 ≤ 40 watt	Linear LED lamp ≤ 22 watts	Lamp	\$6	\$7.50

*For fixture replacements please use the custom program.

Interior Lighting: Linear Fluorescent Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive	+25% MFLI Incentive
Standard Fluorescent T8	Efficient Fluorescent T8 ≤ 7 watts per linear foot	Lamp or Fixture	\$0.50 / Linear Foot	\$0.625 / Linear Foot
Fluorescent T12	Efficient Fluorescent T8 ≤ 7 watts per linear foot	Lamp or Fixture	\$0.75 / Linear Foot	\$0.9375 / Linear Foot
Fluorescent T8	Linear LED ≤ 5.5 watts per linear foot	Lamp	\$1.25 / Linear Foot	\$1.5625 / Linear Foot
Fluorescent T12	Linear LED ≤ 5.5 watts per linear foot	Lamp	\$1.50 / Linear Foot	\$1.875 / Linear Foot

Existing Equipment Examples

Standard Fluorescent T8 – 4ft lamp = 32w

Efficient Fluorescent T8 – 4ft lamp = 25/28w

Fluorescent T12 – 4ft lamp = 34/40w

Notes:

1. Consider U-Shaped fluorescent lamps as 4 linear feet

2. For linear fluorescent to LED fixtures use the Custom program.

3. Incentives are based on the efficient equipment linear feet.

*4ft lamps are used as an example only. All lamp lengths are eligible.

Ameren Missouri Residential Energy Efficiency

MEEIA 2 Program Measures & Incentives

Exterior 24/7 or Garage 24/7 Lighting: HID Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
HID 100-175 watts	LED ≤ 80 watts	Lamp or Fixture	\$60	\$75.00
HID 176-300 watts	LED 62 - 130 watts	Lamp or Fixture	\$80	\$100.00
HID 301-500 watts	LED 85 - 225 watts	Lamp or Fixture	\$115	\$143.75

Exit Sign Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
Incandescent Exit Sign	LED or Electroluminescent (ELD)	Sign	\$12	\$15
CFL Exit Sign	LED or Electroluminescent (ELD)	Sign	\$12	\$15

Occupancy Sensors (No existing sensors installed)

Efficient Equipment	Watts Controlled	Unit	Incentive Per Unit	+25% MFLI Incentive
Fixture Mounted Sensor	Controlling 50 - 200 watts	Sensor	\$10	\$12.50
Fixture Mounted Sensor	Controlling 201 - 500 watts	Sensor	\$35	\$43.75
Lighting Circuit Sensor (Single Technology)	Controlling 50 - 120 watts	Sensor	\$15	\$18.75
Lighting Circuit Sensor (Single Technology)	Controlling > 120 watts	Sensor	\$35	\$43.75
Lighting Circuit Sensor (Dual Technology)	Controlling > 150 watts	Sensor	\$45	\$56.25

The following table is based on Filed Business Custom Incentives for Multifamily Common Area & Whole buildings: (section revised 6_19_2016)

Multifamily Low Income Efficient Equipment	Business Custom Incentive	+25% MFLI Bonus Incentive
Lighting - deleted 6_19_2016	\$0.06	\$0.075
Non-Lighting - deleted 6_19_2016	\$0.07	\$0.088
Cooling	\$0.150	\$0.188
Building Shell	\$0.080	\$0.10
HVAC (Ventilation)	\$0.080	\$0.10
Cooking	\$0.080	\$0.10
(Interior) Lighting	\$0.075	\$0.094
Water Heating	\$0.075	\$0.094

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MEEIA 2 Program Measures & Incentives

Multifamily Low Income Efficient Equipment	Business Custom Incentive	+25% MFLI Bonus Incentive
Air Comp	\$0.070	\$0.088
Motors	\$0.070	\$0.088
Process	\$0.070	\$0.088
Miscellaneous	\$0.060	\$0.075
Refrigeration	\$0.060	\$0.075

MFLI properties with no common areas are eligible for a 25% increase in Residential Heating and Cooling Measure Incentives; review current program details for eligibility and replacement efficiency requirements.

Multifamily Low Income HVAC Measure ER = early replacement ROF = Replace on fail	Customer-facing name	Incentive	+25% MFLI Incentive
ASHP - SEER 15 ER with ASHP	ASHP SEER 15 Replace ASHP	\$500	\$625
ASHP - SEER 15 ROF with ASHP			
ASHP - SEER 15 New Construction			
ASHP - SEER 15 ER Elec Resist Furnace	ASHP SEER 15 Replace Electric Furnace	\$800	\$1,000
ASHP- SEER 15 ROF Elec Resist Furnace			
ASHP - SEER 16+ ER with ASHP	ASHP SEER 16+ Replace ASHP	\$650	\$812.50
ASHP - SEER 16+ ROF with ASHP			
ASHP - SEER 16+ New Construction			
ASHP - SEER 16+ ER Elec Resist Furnace	ASHP SEER 16+ Replace Electric Furnace	\$900	\$1,125
ASHP- SEER 16+ ROF Elec Resist Furnace			
CAC - SEER 14 ER	CAC SEER 14 Existing unit working	\$300	\$375
CAC - SEER 14 ROF			
CAC - SEER 14 New Construction			
CAC - SEER 15 ER	CAC SEER 15 Existing unit working	\$400	\$500
CAC - SEER 15 ROF			
CAC - SEER 15 New Construction			
CAC - SEER 15 ER	CAC SEER 15 Existing unit not working	\$275	\$343.75
CAC - SEER 15 ROF			
CAC - SEER 15 New Construction			
CAC - SEER 16+ ER	CAC SEER 16+ Existing unit working	\$500	\$625
CAC - SEER 16+ ROF			
CAC - SEER 16+ New Construction			
Ductless ASHP – SEER 19+ ER with ASHP	Ductless ASHP Replace ASHP	\$300	\$375
Ductless ASHP - SEER 19+ ROF with ASHP			
Ductless ASHP - SEER 19+ New Construction	Ductless ASHP Replace Electric Furnace	\$500	\$625
Ductless ASHP - SEER 19+ ER Elec Resist Furnace			
Ductless ASHP- SEER 19+ ROF Elec Resist Furnace			

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MEEIA 2 Program Measures & Incentives

Multifamily Low Income HVAC Measure ER = early replacement ROF = Replace on fail	Customer-facing name	Incentive	+25% MFLI Incentive
Electronically Commutated Motor (ECM) factory installed in new gas furnace or air handler	ECM Motor Included in AHRI Efficiency Rating	\$50	\$62.50
Electronically Commutated Motor (ECM) factory installed in new gas furnace or air handler	ECM Motor Not included in AHRI Efficiency Rating	\$100	\$125
Retrofit Electronically Commutated Motor (ECM) replacing permanent split capacitor blower motor	ECM Motor Not included in AHRI Efficiency Rating	\$100	\$125
DFHP 15 SEER –New Construction	Dual Fuel Heat Pump	\$175	\$218.75
DFHP 16+ SEER- New Construction		\$200	\$250
GSHP - EER 14+ ER ASHP with GSHP	Geothermal Heat Pump EER 14+	\$2000	\$2,500
GSHP - EER 14+ ER Elec Resist Furnace			
GSHP - EER 14+ ROF Elec Resist Furnace			
GSHP - EER 14+ New Construction			
GSHP - EER 23+ ER GSHP with GSHP	Geothermal Heat Pump EER 23+	\$800	\$1,000
GSHP - EER 14+ ROF GSHP			