

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, Revised 12/9/2016
2. Efficient Lighting – Launch 3/31/2016
3. Multifamily Low Income – Launch 4/18/2016, Revised 6/19/2016, Revised 8/1/2016, Revised 4/5/2017, Revised 5/22/2017, Revised 11/14/2017
4. Efficient Products – Launch 4/25/2016, Revised 11/13/2017
5. Energy Efficient Kits – Launch 7/29/2016

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 Replace ASHP	500	+100
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	+100
ASHP- SEER 15 ROF Elec Resist Furnace			
ASHP - SEER 16+ ER with ASHP	ASHP SEER 16+ Replace ASHP	650	+100
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	+100
ASHP- SEER 16+ ROF Elec Resist Furnace			
CAC - SEER 14 ER	CAC SEER 14 Existing unit working	300	+100
CAC - SEER 14 ROF			
CAC - SEER 14 New Construction			
CAC - SEER 15 ER	CAC SEER 15 Existing unit not working	275	
CAC - SEER 15 ROF			
CAC - SEER 15 New Construction			
CAC - SEER 16+ ER	CAC SEER 16+ Existing unit working	500	+100
CAC - SEER 16+ ROF			
CAC - SEER 16+ New Construction			
Ductless ASHP – SEER 19+ ER with ASHP	Ductless ASHP Replace ASHP	300	+100
Ductless ASHP - SEER 19+ ROF with ASHP			
Ductless ASHP - SEER 19+ New Construction	New Ductless ASHP	500	
Ductless ASHP - SEER 19+ ER Elec Resist Furnace			

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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		50	
HVAC Maintenance and Tune-up_SF	Tune Up	75	
Indoor Coil Cleaning			
Outdoor Coil Cleaning			
RCA 10% improvement_SF			

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

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MEEIA 2 Program Measures & Incentives

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

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

Multifamily Low Income Small Business Direct Install (SBDI) Incentive List

2M Customers will be eligible for the additional bonus on Custom or Standard measures or they will be eligible for the SBDI incentive as shown. They will be able to choose the greater of the two offers not to exceed the cost of the measure plus labor.

Interior Lighting: Standard (A-Series) Lamp Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit
A-Series ≥ 40 – 60 Watts*	LED ≤20watts	Lamp	\$9.00

**Incandescent replacements are eligible for this incentive; however halogen equivalent wattage will be used to determine energy savings and incentive amounts.*

Interior Lighting: Reflector Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit
Halogen MR-16 35-50 watts	LED ≤ 13 watts	Lamp or Fixture	\$16.00
Incandescent or Halogen BR/R*	LED ≤ 14 watts	Lamp or Fixture	\$17.00
Incandescent or Halogen PAR*	LED ≤ 20 watts	Lamp or Fixture	\$22.00

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

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MEEIA 2 Program Measures & Incentives

Interior Lighting: HID Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Incentive
HID*	LED	\$0.50/Fixture Watt Saved

*HID (High Intensity Discharge) Lamps include metal halide, high pressure sodium and mercury vapor-type lamps.

Interior Lighting: Linear Fluorescent Replacements

Existing Equipment*	Efficient Equipment	Incentive
Fluorescent T5	LED	\$0.50/Fixture Watt Saved
Fluorescent T8	LED	\$0.53/Fixture Watt Saved
Fluorescent T12	LED	\$0.58/Fixture Watt Saved

*Wattage reduced by permanently removing a lamp ("delamping") can be incentivized under these linear fluorescent measures when performed in conjunction with an upgrade of the remaining lamps within the fixture. Power must be permanently removed from the lamp socket to prevent a lamp from being installed in the future.

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.

Exterior Lighting: HID Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Incentive
HID*	LED	\$0.73/Fixture Watt Saved

*HID (High Intensity Discharge) Lamps include metal halide, high pressure sodium and mercury vapor-type lamps.

Exit Sign Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit
Incandescent Exit Sign	LED or Electroluminescent (ELD)	Sign	\$25.00
CFL Exit Sign	LED or Electroluminescent (ELD)	Sign	\$25.00

Occupancy Sensors (No existing sensors installed)

Efficient Equipment	Watts Controlled	Unit	Incentive Per Unit
Fixture Mounted Sensor	Controlling 50 - 120 watts	Sensor	\$14.00
Fixture Mounted Sensor	Controlling 201 - 500 watts	Sensor	\$44.00
Lighting Circuit Sensor (Single Technology)	Controlling 50 - 120 watts	Sensor	\$20.00
Lighting Circuit Sensor (Single Technology)	Controlling > 120 watts	Sensor	\$50.00
Lighting Circuit Sensor (Dual Technology)	Controlling > 150 watts	Sensor	\$65.00

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MEEIA 2 Program Measures & Incentives

The following tables are based on Filed Business Standard Measures and Incentives for Multifamily Common Area & Whole buildings:

Interior Lighting: Standard (A-Series) Lamp Replacements

Existing Equipment	Efficient Equipment	Unit	Incentive Per Unit	+25% MFLI Incentive
A-Series ≥ 40- 60 watts*	LED ≤ 20watts	Lamp	\$5	\$6.25

**Incandescent replacements are eligible for this incentive, however halogen equivalent wattage will be used to determine energy savings and incentive amounts.*

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 program energy savings.*

Interior Lighting: HID Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Incentive	+25% MFLI Incentive
HID*	LED	\$0.44/Fixture Watt Saved	\$0.55/Fixture Watt Saved

**HID (High Intensity Discharge) Lamps include metal halide, high pressure sodium and mercury vapor-type lamps.*

Interior Lighting: Linear Fluorescent Replacements

Existing Equipment*	Efficient Equipment	Incentive	+25% MFLI Incentive
Fluorescent T5	LED	\$0.40/Fixture Watt Saved	\$0.50/Watt Saved
Fluorescent T8	LED	\$0.42/Fixture Watt Saved	\$0.53/Watt Saved
Fluorescent T12	LED	\$0.48/Fixture Watt Saved	\$0.60/Watt Saved

**Wattage reduced by permanently removing a lamp ("delamping") can be incentivized under these linear fluorescent measures when performed in conjunction with an upgrade of the remaining lamps within the fixture. Power must be permanently removed from the lamp socket to prevent a lamp from being installed in the future.*

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.

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MEEIA 2 Program Measures & Incentives

Exterior Lighting: HID Lamp or Fixture Replacements

Existing Equipment	Efficient Equipment	Incentive	+25% MFLI Incentive
HID*	LED	\$0.46/Fixture Watt Saved	\$0.58/Fixture Watt Saved

*HID (High Intensity Discharge) Lamps include metal halide, high pressure sodium and mercury vapor-type lamps.

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

Electric Water Heating Upgrade

Equipment Size	Existing Equipment	Efficient Equipment	Incentive	+25% MFLI Incentive
2.9-14.6 kW	Electric Resistance Commercial Water Heater w/ 98% Efficiency	HP Water Heater ≥3.0 COP	\$1,057 / unit	\$1,321.25 / unit
14.7-29.3 kW			\$2,664 / unit	\$3,330 / unit
29.4-87.9 kW			\$7,052 / unit	\$8,815 / unit
88-146.5 kW			\$14,000 / unit	\$17,500 / unit
>146.6 kW			\$21,000 / unit	\$26,250 / unit

Refrigeration

Equipment Size	Existing Equipment	Efficient Equipment	Incentive	+25% MFLI Incentive
less than 15ft ³	Non-ENERGY STAR Unit	ENERGY STAR Commercial <u>Glass</u> Door Freezers	\$85 / unit	\$106.25 / unit
15 to 30 ft ³			\$160 / unit	\$200.00 / unit
30 to 50 ft ³			\$270 / unit	\$337.50 / unit
more than 50 ft ³			\$427 / unit	\$533.75 / unit
less than 15 ft ³		ENERGY STAR Commercial <u>Solid</u> Door Freezers	\$35 / unit	\$43.75 / unit
15 to 30 ft ³			\$70 / unit	\$87.50 / unit
30 to 50 ft ³			\$121 / unit	\$151.25 / unit
more than 50 ft ³			\$225 / unit	\$281.25 / unit
	No Door Heater	Anti-Sweat Heater	\$68 / controller	\$85.00 / controller

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MEEIA 2 Program Measures & Incentives

	Controls	Control	
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Swimming Pools

Existing Equipment	Efficient Equipment	Incentive	+25% MFLI Incentive
Electric Resistance Heater	Pool Heater Heat Pump	\$90 / unit	\$112.50 / unit
Pool Pump with no VFD	Pool Pump VFD	\$125 / unit	\$156.25 / unit
No Pool Pump Timer	Pool Pump Timer	\$30 / unit	\$37.50 / unit

Cooking

Equipment Size	Existing Equipment	Efficient Equipment	Incentive	+25% MFLI Incentive
3 Pan	Non-Energy Star Unit	Energy Star Steam Cooker	\$671 / unit	\$838.75 / unit
4 Pan			\$729 / unit	\$911.25 / unit
5 Pan			\$788 / unit	\$985.00 / unit
6 Pan			\$910 / unit	\$1,137.50 / unit
Full Size		Energy Star Hot Food Holding Cabinet	\$397 / unit	\$496.25 / unit

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
Cooling	\$0.150	\$0.188
Building Shell	\$0.080	\$0.10
HVAC (Ventilation)	\$0.080	\$0.10
Cooking	\$0.080	\$0.10
(Interior) Lighting & 24/7 Exterior Lighting	\$0.075	\$0.094
Water Heating	\$0.075	\$0.094
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
Exterior Lighting (Less than 24/7)	\$0.050	\$0.0625

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	\$500	\$625

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Multifamily Low Income HVAC Measure ER = early replacement ROF = Replace on fail	Customer-facing name	Incentive	+25% MFLI Incentive
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 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 Existing unit not working	\$250	\$312.5
CAC - SEER 14 New Construction	New CAC		
CAC - SEER 15 ER	CAC SEER 15 Existing unit working	\$400	\$500
CAC - SEER 15 ROF	CAC SEER 15 Existing unit not working	\$275	\$343.75
CAC - SEER 15 New Construction	New CAC		
CAC - SEER 16+ ER	CAC SEER 16+ Existing unit working	\$500	\$625
CAC - SEER 16+ ROF	CAC SEER 16+ Existing unit not working	\$300	\$375
CAC - SEER 16+ New Construction	New CAC		
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	New Ductless ASHP		
Ductless ASHP - SEER 19+ ER Elec Resist Furnace	Ductless ASHP Replace Electric Furnace	\$500	\$625
Ductless ASHP- SEER 19+ ROF Elec Resist Furnace			
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			

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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
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			

Efficient Product Incentives for Measures identified in the TRM

Efficient Product Measures	Incentive Amount
ENERGY STAR Air Purifier	\$50.00
ENERGY STAR Room AC	\$50.00
ENERGY STAR Heat Pump Water Heaters	\$500.00
Learning Tstat	\$50.00
ENERGY STAR Pool Pump and Motor w auto controls - multi-Speed	\$350.00
ENERGY STAR VFDs on Residential Swimming Pool Pumps	\$350.00

Energy Efficient Kits Incentives for Measures identified in the TRM

Efficient Kit Measures	Low Range Incentive	High Range Incentive	Incentive Amount
12W LED Dimmable	\$2.00	\$20.00	\$5.00 - \$12.00
Dirty Filter Alarm	\$0.50	\$20.00	\$0.70 - \$2.00
Efficient Faucet Aerator – Bathroom	\$0.25	\$10.00	\$0.50 - \$2.00
Efficient Faucet Aerator - Kitchen	\$0.25	\$10.00	\$1.50 - \$3.00
Efficient Shower Head	\$0.25	\$20.00	\$3.75 - \$7.00
Pipe Insulation (10LF)	\$0.25	\$10.00	\$5.00 - \$9.00
*When measures are part of a bundled product kit , shipping and handling is not included in above amounts			