

**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 a notice in this case no fewer than five business days prior to making a change in its measure and/or incentive amount offering.¹

2. Ameren Missouri is modifying the standard incentives under its Business Energy Efficiency Program. The modifications create more consistency across lighting measures of its programs as well as reduce the incentive levels to more closely align with incentive budgets.

These modifications are reflected in Attachments A, B, C, and D:

- Attachment A: Standard Incentives For Ameren Missouri's Commercial & Industrial electric customers – Lists new lighting incentives.
- Attachment B: Standard Incentives For Ameren Missouri's Commercial & Industrial electric customers (redlined) – Redlined version of new lighting incentives listing.
- Attachment C: SBDI Incentives – Updates comparison between standard lighting incentives and Small Business Direct Install Program incentives.
- Attachment C: SBDI Incentives (redlined) – Redlined update of comparison between standard lighting incentives and Small Business Direct Install Program incentives.

The information provided in Attachments A, B, C, and D satisfies the filing requirement set forth in the *Stipulation*.

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

3. In accordance with the *Stipulation*, Ameren Missouri is providing notice of these changes, which it intends to implement as of August 3, 2018. Attached to this pleading, noted as Attachments A, B, C, and D, are copies of the revised lighting incentive ranges, as reflected in both the standard incentive listing, and the comparison of standing incentives to SBDI incentives.

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

Respectfully submitted,

/s/ Paula N. Johnson

Paula N. Johnson, #68963

Senior Corporate Counsel

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**ATTORNEY 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 28th day of June, 2018.

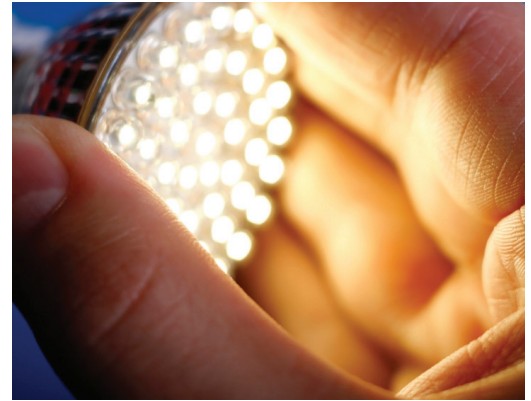
/s/ Paula N. Johnson _____
Paula N. Johnson

Standard Incentives

For Ameren Missouri's Commercial & Industrial electric customers

Cash Back Fast with Standard Incentives

Standard incentives are the quick and easy way to receive cash for your energy efficiency upgrades. Projects with all Standard measures do not require pre-approval unless the incentive is anticipated to be more than \$10,000. Projects that include even one Custom measure require pre-approval of the entire project before equipment purchase or installation. All Standard incentive applications must be submitted to the BizSavers® program within 180 days of equipment invoice date. Please refer to the Standard Program Guidelines and Terms & Conditions for full program rules. Go to AmerenMissouri.com/BizSavers to download the incentive application and program guidelines or connect with us directly by calling toll-free 1.866.941.7299 or emailing BizSavers@ameren.com.



Interior Lighting: Linear Fluorescent Replacements¹

Existing Equipment	Efficient Equipment	Incentive
Fluorescent T5	LED lamp/kit/fixture	30¢ per watt saved
Fluorescent T8	LED lamp/kit/fixture	30¢ per watt saved
Fluorescent T12	LED lamp/kit/fixture	30¢ per watt saved

¹Wattage 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 lamp socket to prevent a lamp from being installed in the future.



Interior Lighting: Incandescent and Halogen Replacements

Existing Equipment	Efficient Equipment	Incentive
A-Series ≥ 40 watts ²	LED ≤20 watts	\$3.00 per lamp
Halogen MR-16, 35-50 watts	LED ≤13 watts	\$6.00 per lamp/fixture
BR/R or PAR	LED ≤14 watts BR/R	\$6.00 per lamp/fixture
	LED ≤20 watts PAR	\$6.00 per lamp/fixture

²Incandescent replacements are eligible for this incentive, however halogen equivalent wattage will be used to determine energy savings and incentive amounts.



HID Replacements

Existing Equipment	Efficient Equipment	Incentive
Interior HID ³	LED lamp/kit/fixture	30¢ per watt saved
Exterior HID Exterior/Garage 24/7 ³	LED lamp/kit/fixture	30¢ per watt saved

³HID (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	\$12
CFL Exit Sign	LED or Electroluminescent (ELD)	Sign	\$12



AmerenMissouri.com/BizSavers

These Standard Incentive measures are effective 8/4/18

Please recycle

v. 201806

Occupancy Sensors (No existing sensors installed)

Efficient Equipment	Watts Controlled	Unit	Incentive per Unit
Fixture Mounted Sensor	Controlling 50-200 watts	Sensor	\$10
Fixture Mounted Sensor	Controlling 201-500 watts	Sensor	\$35
Lighting Circuit Sensor (Single Technology)	Controlling 50-120 watts	Sensor	\$15
Lighting Circuit Sensor (Single Technology)	Controlling > 120 watts	Sensor	\$35
Lighting Circuit Sensor (Dual Technology)	Controlling > 150 watts	Sensor	\$45

Electric Water Heating

Equipment Size	Existing Equipment	Efficient Equipment	Unit	Incentive per Unit
2.9-14.6 kW	Electric Resistance Commercial Water Heater with 98% Efficiency	Heat Pump Water Heater ≥ 3.0 COP (Coefficient of Performance)	Heater	\$1,057
14.7-29.3 kW			Heater	\$2,664
29.4-87.9 kW			Heater	\$7,052
88-146.5 kW			Heater	\$14,000
≥ 146.6 kW			Heater	\$21,000

Refrigeration

Equipment Size	Existing Equipment	Efficient Equipment	Unit	Incentive per Unit
< 15 ft ³	Non-ENERGY STAR® Unit	ENERGY STAR Commercial Glass Door Freezers	Freezer	\$85
≥ 15 ft ³ to 30 ft ³			Freezer	\$160
≥ 30 ft ³ to 50 ft ³			Freezer	\$270
> 50 ft ³			Freezer	\$427
< 15 ft ³		ENERGY STAR Commercial Solid Door Freezers	Freezer	\$35
≥ 15 ft ³ to 30 ft ³			Freezer	\$70
≥ 30 ft ³ to 50 ft ³			Freezer	\$121
> 50 ft ³			Freezer	\$225
	No Door Heater Controls	Anti-Sweat Heater (ASH) Control	ASH Controller	\$68

Swimming Pools

Existing Equipment	Efficient Equipment	Unit	Incentive per Unit
Electric Resistance Heater	Pool Heater Heat Pump	Pump	\$90
Pool Pump with no Variable Frequency Drive (VFD)	Pool Pump VFD	VFD	\$125
No Pool Pump Timer	Pool Pump Timer	Timer	\$30

Cooking

Equipment Size	Existing Equipment	Efficient Equipment	Unit	Incentive per Unit
3 Pan	Non-ENERGY STAR Unit	ENERGY STAR Electric Steam Cooker	Steam Cooker	\$671
4 Pan			Steam Cooker	\$729
5 Pan			Steam Cooker	\$788
6 Pan			Steam Cooker	\$910
Full Size		ENERGY STAR Hot Food Holding Cabinet	Cabinet	\$397

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Fluorescent T12	LED lamp/kit/fixture	48¢ 30¢ per watt saved

¹Wattage 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 lamp socket to prevent a lamp from being installed in the future.



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A-Series ≥ 40 watts ²	LED ≤20 watts	\$5 \$3.00 per lamp
Halogen MR-16, 35-50 watts	LED ≤13 watts	\$11 \$6.00 per lamp/fixture
BR/R or PAR	LED ≤14 watts BR/R	\$12 \$6.00 per lamp/fixture
	LED ≤20 watts PAR	\$15 \$6.00 per lamp/fixture

²Incandescent replacements are eligible for this incentive, however halogen equivalent wattage will be used to determine energy savings and incentive amounts.



HID Replacements

Existing Equipment	Efficient Equipment	Incentive
Interior HID ³	LED lamp/kit/fixture	44¢ 30¢ per watt saved
Exterior HID Exterior/Garage 24/7 ³	LED lamp/kit/fixture	46¢ 30¢ per watt saved

³HID (High Intensity Discharge) Lamps include metal halide, high pressure sodium and mercury vapor-type lamps.



Exit Sign Replacements

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CFL Exit Sign	LED or Electroluminescent (ELD)	Sign	\$12



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Fixture Mounted Sensor	Controlling 201-500 watts	Sensor	\$35
Lighting Circuit Sensor (Single Technology)	Controlling 50-120 watts	Sensor	\$15
Lighting Circuit Sensor (Single Technology)	Controlling > 120 watts	Sensor	\$35
Lighting Circuit Sensor (Dual Technology)	Controlling > 150 watts	Sensor	\$45

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6 Pan			Steam Cooker	\$910
Full Size		ENERGY STAR Hot Food Holding Cabinet	Cabinet	\$397

SBDI Incentives

Ameren Missouri's Small Business Direct Install Program

The Small Business Direct Install (SBDI) Incentive Program provides energy efficiency incentives to encourage the installation of new; higher efficient equipment retrofits for facilities under the Small General Service (2M) rate. The program helps reduce the upfront costs required to complete energy saving lighting projects. Cash incentives are available for high efficiency lighting upgrades, LED exit signs, and occupancy sensors.



Interior Lighting: Incandescent and Halogen Replacements

Existing Equipment	Efficient Equipment	STANDARD Incentive	SBDI Incentive
A-Series ≥ 40 watts ¹	LED ≤ 20 watts	\$3 / Lamp	\$9 / Lamp
Halogen MR-16 35-50 watts	LED ≤ 13 watts	\$6 / Lamp or Fixture	\$16 / Lamp or Fixture
BR/R or PAR	LED ≤ 14 watts BR/R	\$6 / Lamp or Fixture	\$17 / Lamp or Fixture
	LED ≤ 20 watts PAR	\$6 / Lamp or Fixture	\$22 / Lamp or Fixture

¹Incandescent replacements are eligible for this incentive, however halogen equivalent wattage will be used to determine energy savings and incentive amounts.

HID Replacements

Existing Equipment	Efficient Equipment	STANDARD Incentive	SBDI Incentive
Interior HID ²	LED lamp/kit/fixture	30¢ per watt saved	50¢ per watt saved
Exterior HID Exterior/Garage 24/7 ²	LED lamp/kit/fixture	30¢ per watt saved	73¢ per watt saved

²HID (High Intensity Discharge) Lamps include metal halide, high pressure sodium and mercury vapor-type lamps.

Interior Lighting: Linear Fluorescent Replacements³

Existing Equipment	Efficient Equipment	STANDARD Incentive	SBDI Incentive
Fluorescent T5	LED lamp/kit/fixture	30¢ per watt saved	40¢ per watt saved
Fluorescent T8	LED lamp/kit/fixture	30¢ per watt saved	53¢ per watt saved
Fluorescent T12	LED lamp/kit/fixture	30¢ per watt saved	58¢ per watt saved

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Exit Sign Replacements

Existing Equipment	Efficient Equipment	STANDARD Incentive	SBDI Incentive
Incandescent Exit Sign	LED or Electroluminescent (ELD)	\$12 / Sign	\$25 / Sign
CFL Exit Sign	LED or Electroluminescent (ELD)	\$12 / Sign	\$25 / Sign

Occupancy Sensors (No existing sensors installed)

Existing Equipment	Efficient Equipment	STANDARD Incentive	SBDI Incentive
Fixture Mounted Sensor	Controlling 50-200 watts	\$10 / Sensor	\$14 / Sensor
Fixture Mounted Sensor	Controlling 201-500 watts	\$35 / Sensor	\$44 / Sensor
Lighting Circuit Sensor (Single Technology)	Controlling 50-120 watts	\$15 / Sensor	\$20 / Sensor
Lighting Circuit Sensor (Single Technology)	Controlling >120 watts	\$35 / Sensor	\$50 / Sensor
Lighting Circuit Sensor (Dual Technology)	Controlling >150 watts	\$45 / Sensor	\$65 / Sensor

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Halogen MR-16 35-50 watts	LED \leq 13 watts	\$11 \$6 / Lamp or Fixture	\$16 / Lamp or Fixture
BR/R or PAR	LED \leq 14 watts BR/R	\$12 \$6 / Lamp or Fixture	\$17 / Lamp or Fixture
	LED \leq 20 watts PAR	\$15 \$6 / Lamp or Fixture	\$22 / Lamp or Fixture

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Interior HID ²	LED lamp/kit/fixture	44¢ 30¢ per watt saved	50¢ per watt saved
Exterior HID Exterior/Garage 24/7 ²	LED lamp/kit/fixture	46¢ 30¢ per watt saved	73¢ per watt saved

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Fixture Mounted Sensor	Controlling 201-500 watts	\$35 / Sensor	\$44 / Sensor
Lighting Circuit Sensor (Single Technology)	Controlling 50-120 watts	\$15 / Sensor	\$20 / Sensor
Lighting Circuit Sensor (Single Technology)	Controlling >120 watts	\$35 / Sensor	\$50 / Sensor
Lighting Circuit Sensor (Dual Technology)	Controlling >150 watts	\$45 / Sensor	\$65 / Sensor