



# BUSINESS ENERGY EFFICIENCY PROGRAMS

## 2023 STANDARD INCENTIVES PROGRAM

Customers can take advantage of our Standard Incentives for lighting, networked lighting controls, VFDs, learning thermostats, rooftop HVAC units, air cooled chillers among other measures. Incentive amounts are predetermined and paid on a per-unit basis.

While most Standard Incentive measures can be purchased and installed without pre-approval, the BizSavers program also offers several standard pre-approval measures that can take your energy savings even further. These lighting upgrades are incentivized based on the amount of energy savings and must receive pre-approval prior to purchase or installation.

To get started with a Standard Pre-Approval project, contact the BizSavers team or learn more at [AmerenMissouri.com/GetStarted](https://www.amerenmissouri.com/GetStarted).

*Projects that include even one pre-approval measure require pre-approval of the entire project before equipment purchase or installation.*

## INTERIOR LIGHTING INCENTIVES



### Linear Fluorescent One-for-One Replacements

Existing Equipment	LED Type A (Plug & Play)	LED Hybrid <sup>1</sup>	LED Type B (Direct Wire) <sup>2</sup>	LED Type C (External Driver)	LED Retrofit Kit <sup>3</sup>	LED Fixture Replacement
Fluorescent T12	18¢ per watt reduced	18¢ per watt reduced	28¢ per watt reduced	28¢ per watt reduced	42¢ per watt reduced	48¢ per watt reduced
Fluorescent T8	18¢ per watt reduced	18¢ per watt reduced	28¢ per watt reduced	28¢ per watt reduced	40¢ per watt reduced	46¢ per watt reduced
Fluorescent T5	23¢ per watt reduced	23¢ per watt reduced	35¢ per watt reduced	35¢ per watt reduced	42¢ per watt reduced	48¢ per watt reduced
			Incentive with Network Controls <sup>4</sup> added		+12¢ per watt reduced	+12¢ per watt reduced

- Replacements will be incentivized on a one-for-one basis.
- New lamps must have a lamp life of ≥ 50,000 hours.
- If an LED replacement lamp can operate as either Type A (operates with existing ballast), or Type B (Direct Wire) it's considered an "LED Hybrid" and will receive the LED Hybrid incentive rate. LED Hybrid lamps will not be incentivized at either the Type B or Type C rate.
- A "Direct Wire" Lamp uses the existing tombstones and bypasses the ballast.
- Equipment is considered a retrofit kit when the existing fixture body is used but the tombstones are removed or abandoned.
- Networked Controls, at minimum, consist of an intelligent network of individually addressable luminaires and control devices, allowing for application of multiple control strategies, programmability, building level control, zoning and re-zoning using software.

### LED Redesign (Existing Space)

Existing Equipment	Efficient Equipment	Incentive
Inefficient Lighting	LED Fixture replacement without network controls	48¢ per watt reduced
	LED Fixture replacement with network controls	58¢ per watt reduced

- If the existing space is changing purpose, this measure would not apply.
- Networked Controls, at minimum, consist of an intelligent network of individually addressable luminaires and control devices, allowing for application of multiple control strategies, programmability, building level control, zoning and re-zoning using software.
- New lamps must have a lamp life of ≥ 50,000 hours.

### HID Replacements

Existing Equipment	Efficient Equipment	Incentive
Interior HID	LED lamp (using existing ballast)	30¢ per watt reduced
	Direct wire (using existing socket <sup>1</sup> )	35¢ per watt reduced
	New LED fixture	50¢ per watt reduced
	New LED fixture with Networked Controls <sup>2</sup>	60¢ per watt reduced

- Direct wire is a retrofit that uses the same fixture, but bypasses the existing ballast.
- Networked Controls, at minimum, consist of an intelligent network of individually addressable luminaires and control devices, allowing for application of multiple control strategies, programmability, building level control, zoning and re-zoning using software.

## FAST TRACK INCENTIVES



### Linear Fluorescent One-for-One Replacements

Existing Equipment	LED Type A (Plug & Play)	LED Hybrid <sup>1</sup>	LED Type B (Direct Wire) <sup>2</sup>	LED Type C (External Driver)	LED Retrofit Kit <sup>3</sup>	LED Fixture Replacement
Fluorescent T12					42¢ per watt reduced	48¢ per watt reduced
Fluorescent T8	\$1.75 per 4ft of lamp	\$1.75 per 4ft of lamp	\$3.50 per 4ft of lamp	\$3.50 per 4ft of lamp	40¢ per watt reduced	46¢ per watt reduced
Fluorescent T5	\$5.75 per 4ft of lamp	\$5.75 per 4ft of lamp	\$9 per 4ft of lamp	\$9 per 4ft of lamp	42¢ per watt reduced	48¢ per watt reduced
			Incentive with Network Controls <sup>4</sup> added		+12¢ per watt reduced	+12¢ per watt reduced

- Replacements will be incentivized on a one-for-one basis.
- New lamps must have a lamp life of ≥ 50,000 hours.
- If an LED replacement lamp can operate as either Type A (operates with existing ballast), or Type B (Direct Wire) it's considered an "LED Hybrid" and will receive the LED Hybrid incentive rate. LED Hybrid lamps will not be incentivized at either the Type B or Type C rate.
- A "Direct Wire" Lamp uses the existing tombstones and bypasses the ballast.
- Equipment is considered a retrofit kit when the existing fixture body is used but the tombstones are removed or abandoned.
- Networked Controls, at minimum, consist of an intelligent network of individually addressable luminaires and control devices, allowing for application of multiple control strategies, programmability, building level control, zoning and re-zoning using software.

### Incandescent and Halogen LED Replacements

Existing Equipment	Efficient Equipment	Incentive
A-Series ≥ 40 watts <sup>1</sup>	LED ≤ 20 watts	\$2.00 per lamp
Halogen MR-16, ≥ 35 watts	LED ≤ 13 watts	\$5.50 per lamp
Halogen BR/R ≥ 45 watts	LED ≤ 14 watts BR/R	\$5.50 per lamp
Halogen PAR ≥ 48 watts	LED ≤ 20 watts PAR	\$5.50 per lamp

- Replacements will be incentivized on a one-for-one basis.

### HID Replacements

Existing Equipment	Efficient Equipment	Incentive
Interior HID	LED lamp (using existing ballast)	30¢ per watt reduced
	Direct wire (using existing socket <sup>1</sup> )	35¢ per watt reduced
	New LED fixture	50¢ per watt reduced
	New LED fixture with Networked Controls <sup>2</sup>	60¢ per watt reduced

- Direct wire is a retrofit that uses the same fixture, but bypasses the existing ballast.
- Networked Controls, at minimum, consist of an intelligent network of individually addressable luminaires and control devices, allowing for application of multiple control strategies, programmability, building level control, zoning and re-zoning using software.

### Occupancy Sensors

Existing Equipment	Efficient Equipment	Incentive
No Existing Occupancy Sensor	Fixture-Mounted Occupancy Sensor Controlling > 60 Watts	9¢ per kWh saved
No Existing Occupancy Sensor	Remote-Mounted Occupancy Sensor Controlling > 150 Watts	9¢ per kWh saved

- All sensors must be hard-wired and control interior lighting.
- Kilowatt-hour savings will be determined with actual wattage controlled, actual baseline hours of use and deemed 24% reduction in annual operating hours.
- Occupancy sensor measures cannot be used in conjunction with Networked Controls.

## NON-LIGHTING INCENTIVES



### HVAC

Existing/Baseline Equipment	Size	Baseline Efficiency	Efficient Equipment	Incentive
Packaged DX	< 5.5 tons (< 65kbtu)	13 SEER	High-Efficiency Packaged or Split System DX	\$25 per ton per SEER/IEER improvement
	5.5-11.5 tons (65 -135kbtu)	11.2 IEER		
	11.5-20 tons (135 - 240kbtu)	11 IEER		
	20-63 tons (240 - 760kbtu)	9.9 IEER		
	> 63 tons (> 760kbtu)	9.6 IEER		\$32 per ton per IEER improvement
Air Source Heat Pump (ASHP)	< 5.5 tons (< 65kbtu)	13 SEER	High-Efficiency Air Source Heat Pump	\$25 per ton per SEER improvement
	5.5-11.5 tons (65 - 135kbtu)	11.2 IEER		
	11.5-20 tons (135 - 240kbtu)	10.7 IEER		
	> 20 tons (> 240kbtu)	9.6 IEER		\$32 per ton per IEER improvement
Air-Cooled Chiller	< 150 tons	.96 kW/Ton IPLV	High-Efficiency Air-Cooled Chiller	\$275 per ton per IPLV improvement
	≥ 150 tons	.94 kW/Ton IPLV		
Water-Cooled Chiller	All Sizes	.70 kW/Ton IPLV	High-Efficiency Reciprocating Water-Cooled Chiller	\$2.75 per ton per 0.01 kW/ton IPLV improvement
	< 75 ton	.63 kW/ton IPLV		
	75-149 ton	.62 kW/ton IPLV		
	150-299 ton	.58 kW/ton IPLV	High-Efficiency Positive Displacement Water-Cooled Chiller	
	≥ 300 ton	.54 kW/ton IPLV		
	< 300 ton	.60 kW/ton IPLV	High-Efficiency Centrifugal Water-Cooled Chiller	
	300-599 ton	.55 kW/ton IPLV		
≥ 600 ton	.54 kW/ton IPLV			

- "High Efficiency" is considered a unit more efficient than IECC 2012.
- All chiller measures are intended for single chiller systems (back-up chillers will not qualify).
- To qualify for a chiller measure, the chiller must be able to serve 100% of the zone's cooling load.
- Equipment being replaced must be less than or equal to the inefficient equipment baseline.



### HVAC Controls

Existing/Baseline Equipment	Efficient Equipment	Incentive
Non-Programmed Thermostat	Learning (Smart) Thermostat (controlling ≥ 4 Tons of cooling)	\$190 per thermostat
	Learning (Smart) Thermostat (controlling < 4 Tons of cooling)	\$46 per ton
Constant Speed Supply Fan on Packaged Heating and Cooling Equipment	Advanced Rooftop Unit (RTU) Controls	\$140 per ton
Space with No Demand Control Capability	Demand Control Ventilation	\$160 per 1,000 sq. ft.

- A learning thermostat is one that has the capability to sense occupancy or modify operating parameters without user input. The mode that provides this capability must be enabled.
- Thermostat measure must be controlling a system with mechanical cooling.
- Advanced Roof Top Controls must integrate air-side economization, supply-fan speed control (by installing a variable speed drive), and demand controlled ventilation. This measure is for retrofit of an existing HVAC unit.
- The standard Demand Control Ventilation measure does not apply to systems with terminal reheat.



### Variable Frequency Drives

Existing Equipment	Efficient Equipment	Incentive
Chilled Water Pump (≥ 1HP) without VFD	Variable Frequency Drive	\$125 per horsepower
Hot Water Pump (≥ 1HP) without VFD		\$125 per horsepower
Pool Pump without VFD		\$100 per horsepower
HVAC Fan (≥ 1HP) without VFD		\$102 per horsepower
Condenser Water Pump (≥ 1HP) without VFD		\$125 per horsepower
Cooling Tower Fan (≥ 1HP) without VFD		\$32 per horsepower

- Existing motor must not already have a VFD.
- System must have a variable or reduced load.
- Installation to have necessary control points and parameters.
- VFD installations on back up/redundant motors do not qualify for an incentive.



### Cooking

Existing Equipment	Efficient Equipment	Incentive
3 Pan non-ENERGY STAR Steam Cooker	3 Pan ENERGY STAR Electric Steam Cooker	\$671 per steam cooker
4 Pan non-ENERGY STAR Steam Cooker	4 Pan ENERGY STAR Electric Steam Cooker	\$729 per steam cooker
5 Pan non-ENERGY STAR Steam Cooker	5 Pan ENERGY STAR Electric Steam Cooker	\$788 per steam cooker
6 Pan non-ENERGY STAR Steam Cooker	6 Pan ENERGY STAR Electric Steam Cooker	\$910 per steam cooker
Non-ENERGY STAR Hot Holding Cabinet (≥ 28 cubic feet)	ENERGY STAR Hot Holding Cabinet (≥ 28 cubic feet)	\$397 per cabinet
Kitchen Ventilation with Constant Speed Motor	ENERGY STAR Demand Ventilation Controls <sup>1</sup>	\$275 per horsepower

- System should include installation of a new temperature sensor in the hood exhaust collar and/or an optic sensor on the end of the hood that senses cooking conditions which allows the system to automatically vary the rate of exhaust to what is needed by adjusting the fan speed accordingly.



### Water Heating

Existing Equipment	Efficient Equipment	Incentive
Electric Resistance Commercial Water Heater	2.9-14.6 kW (10 to 50 MBH) Heat Pump Water Heater ≥ 3.0 COP	\$1,057 per heat pump water heater
	14.7-29.3 kW (50 to 100 MBH) Heat Pump Water Heater ≥ 3.0 COP	\$2,664 per heat pump water heater
	29.4-87.9 kW (100 to 300 MBH) Heat Pump Water Heater ≥ 3.0 COP	\$5,007 per heat pump water heater
	88-146.5 kW (300 to 500 MBH) Heat Pump Water Heater ≥ 3.0 COP	\$14,000 per heat pump water heater



### Refrigeration

Existing Equipment	Efficient Equipment	Incentive
Non-ENERGY STAR unit	ENERGY STAR 0 < V < 15 - Vertical Closed - Glass Door Freezer	\$65 per freezer
	ENERGY STAR 15 ≤ V < 30 - Vertical Closed - Glass Door Freezer	\$180 per freezer
	ENERGY STAR 30 ≤ V < 50 - Vertical Closed - Glass Door Freezer	\$270 per freezer
	ENERGY STAR V ≥ 50 - Vertical Closed - Glass Door Freezer	\$427 per freezer
	ENERGY STAR 0 < V < 15 - Vertical Closed - Solid Door Freezer	\$35 per freezer
	ENERGY STAR 15 ≤ V < 30 - Vertical Closed - Solid Door Freezer	\$70 per freezer
	ENERGY STAR 30 ≤ V < 50 - Vertical Closed - Solid Door Freezer	\$121 per freezer
	ENERGY STAR V ≥ 50 - Vertical Closed - Solid Door Freezer	\$225 per freezer
	ENERGY STAR Horizontal Closed - Solid or Glass Door Freezer - All Volumes	\$390 per freezer
	Anti-Sweat Heater Controls (Freezer)	\$68 per controller
Non-ENERGY STAR unit	ENERGY STAR 0 < V < 15 - Vertical Closed - Solid Door Refrigerator	\$50 per controller
	ENERGY STAR Horizontal Closed - Solid or Glass Door Refrigerator - All Volumes	\$28 per refrigerator
Shaded-pole motor in refrigerated display case or walk-in cooling unit	Electronically Commutated Motor (ECM) <sup>1</sup>	\$85 per motor

- Only applies to units that run continuously (8760).



### Compressed Air

Existing Equipment	Efficient Equipment	Incentive
Open Valve or Timer Condensate Drain	No Loss Condensate Drain	\$180 per drain
Standard Air Nozzle	High-Efficiency Air Nozzle	\$75 per nozzle
Modulating Compressor with Blow-Down 5-40 HP	VFD Air Compressor 5-40 HP	\$75 per horsepower



### High Volume Low Speed Fans (HVLS)

Existing/Baseline Equipment	Efficient Equipment	Incentive
Multiple Non-HVLS Fans	HVLS Fan, 20 ft. Diameter	\$940 per HVLS fan
	HVLS Fan, 22 ft. Diameter	\$1,250 per HVLS fan
	HVLS Fan, 24 ft. Diameter	\$1,500 per HVLS fan

- HVLS fan must have VFD.

Start saving today at [AmerenMissouri.com/GetStarted](https://www.amerenmissouri.com/GetStarted).