

# 2019 ILLINOIS ENERGY EFFICIENCY REBATE INFORMATION FOR YOUR BUSINESS

Programs are effective Jan. 1, 2019, through Dec. 31, 2019, and are subject to change. Complete program details and rebate applications are available at [www.midamericanenergy.com/ee](http://www.midamericanenergy.com/ee).

**Equipment must be purchased and installed between Jan. 1, 2019, and Dec. 31, 2019.** Rebate application must be submitted within 90 days of dealer invoice or by Jan. 31, 2020, whichever comes first, for the equipment/material purchased. Applications can be submitted via email at [rebateapplications@midamerican.com](mailto:rebateapplications@midamerican.com). The rebate will be based on the rebate schedule in effect on the date of dealer invoice for the equipment/material purchased.

For prescriptive rebates, the rebate payment cannot exceed 50 percent of the installed cost (reasonable labor and material/equipment - reasonableness to be determined by MidAmerican Energy). **Installed cost includes contractor labor only and does not include internal labor.**

Equipment not listed for prescriptive rebates may qualify for a rebate under Nonresidential Equipment Custom Systems. Custom projects must be preapproved by MidAmerican Energy Company prior to purchase and installation of equipment or systems. Projects must be completed within six months of preapproval.

Lighting					
Commercial new construction projects are not eligible for prescriptive lighting rebates through the Lighting program. All commercial new construction projects must participate in the Commercial New Construction program in order to receive lighting rebates.					
Equipment	Size	Lumens	Specifications	Customer Rebate	
LED troffer fixtures	2' x 4'	3,000-7,500	Replace fluorescent T8 and T12 existing fixtures; troffers must replace like-sized fixtures  Eligible DLC primary use designations: ■ 1' x 4', 2' x 2' and 2' x 4' luminaires for ambient lighting of interior commercial spaces ■ Retrofit kits for 1' x 4', 2' x 2' and 2' x 4' luminaires for ambient lighting of interior commercial spaces ■ Lamp-style retrofit kits for linear panels (1' x 4', 2' x 2' and 2' x 4' troffers) ■ Linear retrofit kits for 1' x 4', 2' x 2' and 2' x 4' luminaires ■ Integrated retrofit kits for 1' x 4', 2' x 2' and 2' x 4' luminaires	\$30/fixture	
	2' x 2'	2,000-5,000			
	1' x 4'	1,500-6,000			
LED retrofit kits for LED troffer fixtures	2' x 4'	3,000-7,500			\$15/fixture
	2' x 2'	2,000-5,000			
	1' x 4'	1,500-6,000			

Equipment	Lumens	Specifications	Customer Rebate
LED hanging/suspended linear fixtures with indirect components	3,000-30,000	Eligible DLC primary use designation: ■ Linear ambient luminaires with indirect component	\$30/fixture
Refrigerated LED case lighting doors 5- and 6-foot doors – cooler and freezer cases		Replace fluorescent T12 or T8 systems with LED case lighting  Eligible DLC primary use designations: ■ Horizontal refrigerated case luminaires ■ Vertical refrigerated case luminaires ■ Refrigerated case luminaires	\$45/door
LED low- or high-bay fixtures	≤10,000	Replace HID systems; high-bay must be installed 15' or higher  Eligible DLC primary use designations: ■ Low-bay luminaires for commercial and industrial buildings ■ High-bay luminaires for commercial and industrial buildings ■ High-bay aisle luminaires ■ Retrofit kits for low-bay luminaires for commercial and industrial buildings ■ Retrofit kits for high-bay luminaires for commercial and industrial buildings	\$135/fixture
LED high-bay fixtures	10,001-15,000		\$135/fixture
LED high-bay fixtures	15,001-20,000		\$150/fixture
LED high-bay fixtures	20,001-30,000		\$200/fixture
LED high-bay fixtures	>30,000		\$325/fixture
Retrofit kit for LED low- or high-bay fixtures	≤10,000		
Retrofit kit for LED high-bay fixtures	10,001-15,000		\$40/fixture
	15,001-20,000		\$50/fixture
	20,001-30,000		\$80/fixture
	>30,000		\$120/fixture
LED linear replacement lamps LED linear lamp – Type A and Dual Mode Type A/B, 4' LED linear lamp – Type B and Dual Mode Type A/B, 4' LED linear lamp – Type C, 4'		4' T12, T8 and T5 fluorescent replacement lamp  Eligible DLC primary use designations: ■ Replacement lamps ("Plug and Play") (UL Type A) ■ Internal driver/line voltage (UL Type B) lamps ■ Two-lamp external driver (UL Type C) lamps ■ Three-lamp external driver (UL Type C) lamps ■ Four-lamp external driver (UL Type C) lamps ■ Dual mode internal driver (UL Type A or B)	\$5/lamp
LED replacement for pin-based CFL lamps		Rebates are based on one-for-one replacement of pin-based CFL lamps. Lamps must be listed on the DLC QPL as "LED replacement for pin-based CFL lamps (UL Type A)." UL Type B lamps do not qualify for prescriptive rebates but can be reviewed through the Custom option.  Eligible DLC primary use designation: ■ Four pin-base replacement lamps for CFLs ("plug and play") (UL Type A)	\$5/lamp

Lighting continued on next page

Equipment	Lumens	Specifications	Customer Rebate
LED outdoor area lighting	≤10,000 10,001-30,000 >30,000	Rebates are based on a one-for-one replacement of exterior HID fixtures and wall packs with LED fixtures rated for exterior use. For inside parking garages; replacement LED wall pack fixtures must be attached to a wall (parking garage ceiling fixtures are not eligible for this rebate but may qualify for the ceiling-mounted LED parking garage fixture rebates). Equipment must be hardwired and rated for exterior use.	\$50/fixture \$75/fixture \$150/fixture
LED exterior fixtures such as: Building exterior Parking garage	≤10,000 10,001-15,000 >15,000	Eligible DLC primary use designations: <ul style="list-style-type: none"> <li>■ Outdoor full cut-off wall-mounted area luminaires</li> <li>■ Outdoor noncut-off and semicut-off wall-mounted area luminaires</li> <li>■ Architectural flood and spot luminaires</li> <li>■ Bollards</li> <li>■ Landscape/accent flood and spot luminaires</li> <li>■ Outdoor pole/arm-mounted area and roadway luminaires</li> <li>■ Outdoor pole/arm-mounted decorative luminaires</li> <li>■ Stairwell and passageway luminaires</li> </ul>	\$50/fixture \$75/fixture \$100/fixture
Ceiling-mounted LED parking garage fixtures	≤5,000 5,001-15,000 >15,000	Replace HID systems; parking garage must be illuminated 24/7 Eligible DLC primary use designation: <ul style="list-style-type: none"> <li>■ Parking garage luminaires</li> </ul>	\$135/fixture \$200/fixture \$400/fixture
Exterior LED fuel pump canopy fixtures	≤5,000 5,001-15,000 >15,000	Replace HID systems; equipment must be hardwired and rated for exterior use Eligible DLC primary use designation: <ul style="list-style-type: none"> <li>■ Fuel pump canopy luminaires</li> </ul>	\$135/fixture \$200/fixture \$400/fixture
Occupancy sensors minimum 45 watts		Rebate level is based on the controlled load (watts)/sensor	\$0.10/watt controlled
Lighting timers or clocks		Commercial-grade only	\$35/unit
LED exit signs	≤2 watts	Existing building only replacing incandescent or fluorescent sign	\$25/unit

## Heating, Cooling and Water Heating Equipment

Equipment	Qualification(s)	Customer Rebate
Natural gas furnaces - AHRI Certified®	<225 MBtuh; 0.95 AFUE and above	\$300/unit
Natural gas boilers - AHRI Certified	<300 MBtuh; 0.87-0.899 AFUE	\$4 x capacity of new unit in MBtuh
	<300 MBtuh; 0.90-0.949 AFUE	\$5 x capacity of new unit in MBtuh
	<300 MBtuh; 0.95 AFUE and above	\$6.50 x capacity of new unit in MBtuh
Electronically commutated furnace fan motors - AHRI Certified	Must be installed on a new qualifying furnace with 0.95 AFUE and above; <225 MBtuh; CEE air handling ratio of <0.02	\$50/fan
Natural gas storage water heaters - AHRI Certified	Small ≥20 to ≤55 gallons; ≤75,000 Btuh; ≥0.64 UEF Medium Draw pattern or ≥0.68 UEF High Draw pattern	\$25/unit
	Large >75,000 and ≤155,000 Btuh; <4,000 Btuh/gallon; ≥0.78 UEF Medium Draw pattern or ≥0.80 UEF High Draw pattern	\$125/unit
Natural gas tankless water heaters - AHRI Certified	Small >75,000 and <200,000 Btuh; ≥4,000 Btuh/gallon; <2 gallon tank; ≥0.87 UEF	\$250/unit
	Large ≥ 200,000 Btuh; ≥4,000 Btuh/gallon; <10 gallon tank; ≥0.825 TE or ≥0.87 UEF	
Air-source heat pump - AHRI Certified	Small <65 MBtuh	
	SEER 15-15.9	\$150/ton
	SEER 16-16.9	\$200/ton
	SEER 17 and above	\$350/ton
Ground-source heat pump - AHRI Certified Rebates are available for equipment meeting individual or both qualifying efficiencies.	EER 17-18.9	\$300/cooling ton + \$300/ton of new ground loop
	EER 19-24.9	\$450/cooling ton + \$450/ton of new ground loop
	EER 25 and above	\$600/cooling ton + \$600/ton of new ground loop
	<b>AND/OR</b>	
	COP 3.6-3.9	\$150/cooling ton + \$150/ton of new ground loop
	COP 4 and above	\$300/cooling ton + \$300/ton of new ground loop

Heating, Cooling and Water Heating Equipment continued on next page

Equipment	Qualification(s)	Customer Rebate
Ductless minisplit heat pump - AHRI Certified Must heat and cool via the heat pump system; electric resistance heat does not qualify.	Small <65 MBtuh	
	SEER 15-15.9	\$150/ton
	SEER 16-16.9	\$200/ton
	SEER 17 and above	\$350/ton
Add-on desuperheater - AHRI Certified		\$400/unit
Central air conditioners - AHRI Certified	Small <65 MBtuh and SEER 15-15.9	\$50/ton
	Small <65 MBtuh and SEER 16-16.9	\$100/ton
	Small <65 MBtuh and SEER 17 and above	\$300/ton
	Large 65-240 MBtuh and EER 12-12.4	\$20/ton
	Large 65-240 MBtuh and EER 12.5-12.9	\$37.50/ton
	Large 65-240 MBtuh and EER 13 and above	\$50/ton
Packaged terminal air conditioners - AHRI Certified Packaged terminal heat pumps are not eligible.	New construction - Minimum EER $\geq$ 13.8	\$35/ton
	Replacement unit - Minimum EER $\geq$ 10.9	
Chillers - Air-cooled chiller with condenser; AHRI Certified	$\geq$ 11 EER	\$100/ton
Chillers - Water-cooled, centrifugal and screw/scroll; AHRI Certified	<75 tons and IPLV $\leq$ 0.567 kW/ton 75-149 tons and IPLV $\leq$ 0.554 kW/ton 150-299 tons and IPLV $\leq$ 0.522 kW/ton	\$15/ton
Destratification fans, high volume, low speed	Horizontal mounted, 20-foot minimum fan diameter, VSD-controlled, no additional VSD rebate	\$1,000/fan
Programmable thermostat	For all heating and/or cooling sources	\$25/unit installed

## Commercial Kitchen Equipment

Equipment	Qualification(s)	Customer Rebate
Ice maker - ENERGY STAR® certified	Air-cooled remote condensing or air-cooled ice making head	\$35/unit
Commercial refrigerator - ENERGY STAR certified	Transparent door cabinet	\$500/unit
	Solid door cabinet 10 cubic feet or larger	\$35/unit
Commercial freezer - ENERGY STAR certified	Solid door cabinet	\$75/unit
Anti-sweat heater controls for refrigerator/freezer transparent doors	Must be installed on all doors in the case	\$50/door
5- and 6-foot LED refrigerated doors - cooler or freezer cases	Replace fluorescent T12 or T8 systems with LED case lighting Eligible DLC primary use designations: <ul style="list-style-type: none"> <li>■ Horizontal refrigerated case luminaires</li> <li>■ Vertical refrigerated case luminaires</li> <li>■ Refrigerated case luminaires</li> </ul>	\$45/door
Commercial convection oven - ENERGY STAR certified	Must use natural gas	\$100/unit
Conveyor oven	Thermostatic control; cooking efficiency $\geq$ 42%; must use natural gas	\$675/unit
Infrared upright broiler	Cooking efficiency $\geq$ 34%; must use natural gas	\$1,350/unit
Salamander broiler		\$125/unit
Steam cooker - ENERGY STAR certified	Must use natural gas	\$650/unit
Hot food holding cabinets - ENERGY STAR certified	Electric, full-size only	\$400/cabinet
ECM - display case fan	Must replace standard efficiency shaded pole evaporator fan motors in refrigerated display cases, walk-in coolers and walk-in freezers	\$75/fan
High-efficiency evaporator fan motor		\$40/fan
Demand controlled ventilation for kitchen range hoods - ENERGY STAR certified	Requires temperature or optic sensors and VSD; no added VSD rebate	\$400/range hood fan HP (both fuels; \$280 natural gas only; \$120 electric only)

## Motors and Variable Speed Drives

Equipment	Qualification(s)	Customer Rebate
Variable speed drives	Rebates are available for VSDs controlling 1 to 75 horsepower motors driving fans or centrifugal pumps for process applications. VSDs that are integral to the equipment are not eligible for rebates separate from the equipment rebate.	\$60/HP of motor driven
TEFC motors	1200 RPM	\$12.50 and above/HP
	1800 and 3600 RPM	\$18.50 and above/HP
Open drip-proof motors	1800 RPM	\$18.50/HP

## Building Shell

Equipment	Qualification(s)	Customer Rebate
Attic/roof/ceiling insulation	Insulation is for existing buildings only; must meet Illinois Energy Code to receive a rebate; no rebates for insulation above code; an on-site building assessment is required prior to beginning an insulation project	Lesser of {\$0.02 x (R-value increase x area in square feet)} or 50% installed cost
Sidewall insulation		Lesser of {\$0.015 x (R-value increase x area in square feet)} or 50% installed cost

## Nonresidential Equipment Custom Systems

Equipment not listed for prescriptive rebates may qualify for a rebate under Nonresidential Equipment Custom Systems. Custom projects must be preapproved by MidAmerican Energy prior to purchase and installation of equipment or systems.

Incentives based on first year savings and calculated according to improvements made.

Electric improvements:

- HVAC – \$0.12/kWh saved
- Lighting – \$0.10/kWh saved
- Process/other – \$0.08/kWh saved

Gas improvements:

- All improvement types – \$2/therm

## Commercial Energy Solutions

This program promotes comprehensive energy efficiency for existing commercial buildings of all sizes through free on-site energy assessments and building optimization services.

Energy assessment participants are eligible for:

- Free comprehensive energy assessment and report
- Equipment rebates (as shown on Pages 1-4)
- Enhanced incentives above standard rebates
- Direct install measures for small businesses
- Insulation rebates – An on-site building assessment is required.

Building optimization participants:

- MidAmerican Energy will fund 50 percent of the express building tune-up survey or retrocommissioning study.
- Additional incentives are received based on energy savings.

## Industrial Partners

Manufacturing facilities of any size are eligible to participate. Custom projects must receive preapproval prior to purchase, installation or implementation to qualify for incentives.

In addition to a free on-site energy assessment, participants may receive:

- Technical assistance
- Implementation support
- Equipment rebates (as shown on Pages 1-4)
- Enhanced incentives
- Insulation rebates (An on-site building assessment is required.)

## Commercial New Construction

Must be: New construction, an addition or a major renovation with mechanical system replacement; early enough in the design process to implement energy analysis results; larger than 5,000 square feet; heated and/or cooled by a participating Illinois utility; able to achieve savings that are at least 5 percent better than energy code baseline.

Project incentives are capped at 70 percent of total bundle incremental cost, cannot buy down a project below a one-year simple payback, or exceed \$1 million per building.

Incentives include:

- Free design assistance
- Design team and construction incentives

Refer to the individual rebate applications for all rebate qualifications.

## Glossary

**AFUE** – Annual Fuel Utilization Efficiency: Ratio of annual heat output of the furnace or boiler compared to the total annual fossil fuel energy consumed by a furnace or boiler.

**AHRI** – Air-Conditioning, Heating and Refrigeration Institute: Provides standardized testing and certification of HVAC equipment.

**COP** – Coefficient of Performance: The ratio of the change in heat at the output, the heat reservoir of interest, to the supplied work.

**EER** – Energy Efficiency Rating: The ratio of the cooling capacity (in British thermal units [Btu] per hour) to power input in watts.

**SEER** – Seasonal Energy Efficiency Rating: Indicates the relative amount of energy needed to provide a specific cooling output.

**UEF** – Uniform Energy Factor: New energy efficiency rating for water heaters to replace EF (Energy Factor). A higher UEF means a water heater is more energy efficient and will cost less to operate.

