

2017 IOWA

ENERGY EFFICIENCY REBATE INFORMATION FOR YOUR BUSINESS

Programs are effective Jan. 1, 2017, through Dec. 31, 2017, and are subject to change. Refer to the individual rebate applications online at www.midamericanenergy.com/ee for all program and rebate qualifications. **Rebate application must be submitted within six months of dealer invoice for the equipment/material purchased.** 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.

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 and wrap fixtures	2' x 4'	3,000-7,500	Replace fluorescent T8 and T12 existing fixtures; troffers must replace like-sized fixtures	\$60/fixture
	2' x 2'	2,000-5,000	Eligible DLC primary use designation: <ul style="list-style-type: none"> 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 	
	1' x 4'	1,500-6,000		
LED retrofit kits for LED troffer fixtures	2' x 4'	3,000-7,500	<ul style="list-style-type: none"> 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 	\$40/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: <ul style="list-style-type: none"> Linear ambient luminaires with indirect component 	\$60/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 designation: <ul style="list-style-type: none"> Horizontal refrigerated case luminaires Vertical refrigerated case luminaires Refrigerated case luminaires 	\$75/door
LED low-bay fixtures	<10,000	Replace HID systems; high-bay must be installed 15' or higher Eligible DLC primary use designation: <ul style="list-style-type: none"> 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	≤15,000		\$135/fixture
LED high-bay fixtures	15,001-20,000		\$150/fixture
LED high-bay fixtures	>20,000-30,000		\$200/fixture
LED high-bay fixtures	>30,000		\$325/fixture
Retrofit kit for LED high- and low-bay fixtures	≤15,000		\$40/fixture
	15,001-20,000		\$50/fixture
	>20,000-30,000		\$80/fixture
	>30,000		\$120/fixture
LED linear replacement lamps LED linear tube – Type A and Dual Mode Type A/B, 4' LED linear tube – Type B and Dual Mode Type A/B, 4' LED linear tube – Type C, 4'		4' T12, T8 and T5 fluorescent replacement lamp Eligible DLC primary use designation: <ul style="list-style-type: none"> Replacement lamps (“Plug and Play”) (UL Type A) Internal driver/line voltage lamp-style retrofit kits (UL Type B) Two-lamp external driver lamp-style retrofit kits (UL Type C) Three-lamp external driver lamp-style retrofit kits (UL Type C) Four-lamp external driver lamp-style retrofit kits (UL Type C) Dual mode internal driver (UL Type A or B) 	\$5/tube
LED wall pack fixtures Building exterior	≤10,000	Replace HID systems; replacement LED wall pack fixtures must be used for building exteriors. Equipment must be hardwired and rated for exterior use. Eligible DLC primary use designation: <ul style="list-style-type: none"> Outdoor full cut-off wall-mounted area luminaires Outdoor noncut-off and semicut-off wall-mounted area luminaires 	\$50/fixture
	10,001-15,000		\$75/fixture
	>15,000		\$100/fixture
LED wall pack fixtures Parking garage	≤10,000	Replace HID systems; replacement LED wall pack fixtures must be used inside parking garages and 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. DLC QPL required Eligible DLC primary use designation: <ul style="list-style-type: none"> Outdoor full cut-off wall-mounted area luminaires Outdoor noncut-off and semicut-off wall-mounted area luminaires 	\$50/fixture
	10,001-15,000		\$75/fixture
	>15,000		\$100/fixture

Lighting continued on next page

Equipment	Lumens	Specifications	Customer Rebate
Ceiling-mounted LED parking garage fixtures	≤5,000	Replace HID systems; parking garage must be illuminated 24/7 Eligible DLC primary use designation: ■ Parking garage luminaires	\$135/fixture
	5,001-15,000		\$200/fixture
	>15,000		\$400/fixture
Exterior LED fuel pump canopy fixtures	≤5,000	Replace HID systems; equipment must be hardwired and rated for exterior use Eligible DLC primary use designation: ■ Fuel pump canopy luminaires	\$135/fixture
	5,001-15,000		\$200/fixture
	>15,000		\$400/fixture
LED outdoor area lighting Municipal-owned LED roadway fixtures not billed on SL rate code are eligible for rebate.	≤10,000	Replace HID systems Eligible DLC primary use designation: ■ Architectural flood and spot luminaires ■ Bollards ■ Landscape/accent flood and spot luminaires ■ Outdoor pole/arm-mounted area and roadway luminaires ■ Outdoor pole/arm-mounted decorative luminaires ■ Stairwell and passageway luminaires	\$50/fixture
	10,001-30,000		\$75/fixture
	>30,000		\$150/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
LED traffic lights 12" Red ball 12" Green ball 12" Green arrow 12" Don't walk			\$25/lamp
			\$50/lamp
			\$40/lamp
			\$25/lamp

Heating, Cooling and Water Heating Equipment

Equipment	Qualification(s)	Customer Rebate
Natural gas furnaces - AHRI Certified®	<225 MBtuh; 0.95 AFUE and above	\$700
Natural gas boilers - AHRI Certified	<300 MBtuh; 0.87-0.899 AFUE	\$2 x capacity of new unit in MBtuh
	<300 MBtuh; 0.90-0.949 AFUE	\$4 x capacity of new unit in MBtuh
	<300 MBtuh; 0.95 AFUE and above	\$5 x capacity of new unit in MBtuh
Electronically commutated furnace fan motors - AHRI Certified	Must be installed on a new qualifying furnace with AFUE 95 or above; <225 MBtuh; CEE air handling ratio of <0.02	\$60/fan
Natural gas storage water heaters - AHRI Certified	Small ≥20 to ≤55 gallons; ≤75,000 Btuh; ≥0.68 EF	\$25/water heater
	Large >75,000 and ≤155,000 Btuh; <4,000 Btuh/gallon; ≥0.825 TE	\$125/water heater
Natural gas tankless water heaters - AHRI Certified	Small >75,000 and <200,000 Btuh; ≥4,000 Btuh/gallon; <2 gallon tank; ≥0.82 EF	\$250/water heater
	Large ≥200,000 Btuh; ≥4,000 Btuh/gallon; <10 gallon tank; ≥0.825 TE	
Air-source heat pump - AHRI Certified Rebates are available for equipment meeting individual or both qualifying efficiencies.	Small <65 MBtuh	
	SEER 15-15.9	\$350/cooling ton
	SEER 16 and above	\$500/cooling ton
	AND/OR	
	HSPF 8.5-8.9	\$150/cooling ton
	HSPF 9 and above	\$300/cooling 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
	AND/OR	
	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. Rebates are available for equipment meeting individual or both qualifying efficiencies.	Small <65 MBtuh	
	SEER 15-15.9	\$350/cooling ton
	SEER 16 and above	\$500/cooling ton
	AND/OR	
	HSPF 8.2-8.9	\$150/cooling ton
	HSPF 9 and above	\$300/cooling ton
Add-on desuperheater - AHRI Certified		\$400/unit
Central air conditioners - AHRI Certified	Small <65 MBtuh and SEER 14.5-14.9	\$350
	Small <65 MBtuh and SEER 15-15.9	\$550
	Small <65 MBtuh and SEER 16 and above	\$750
	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 ≥13.8	\$78/ton
	Replacement unit - Minimum EER ≥10.9	
Chillers - Air-cooled chiller with condenser; AHRI Certified	≥11 EER	\$100/ton
Chillers - Water-cooled, centrifugal and screw/scroll; AHRI Certified	<75 tons and IPLV ≤0.567 kW/ton 75-149 tons and IPLV ≤0.554 kW/ton 150-299 tons and IPLV ≤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
Commercial refrigerator - ENERGY STAR certified	Transparent door cabinet	\$500
	Solid door cabinet	\$35
Commercial freezer - ENERGY STAR certified	Solid door cabinet	\$75
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 designation: <ul style="list-style-type: none"> ■ Horizontal refrigerated case luminaires ■ Vertical refrigerated case luminaires ■ Refrigerated case luminaires 	\$75/door
Commercial convection oven - ENERGY STAR certified	Must use natural gas	\$100
Conveyor oven	Thermostatic control; cooking efficiency ≥42%; must use natural gas	\$675
Infrared upright broiler	Cooking efficiency ≥34%; must use natural gas	\$1,350
Salamander broiler		\$125
Steam cooker - ENERGY STAR certified	Must use natural gas	\$650
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
High-efficiency evaporator fan motor		\$40
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 installed on HVAC chilled water and hot water distribution pumps; HVAC supply fans and return fans; and fan and pump motors in process applications. VSDs that are integral to the equipment are not eligible for rebates separate from the equipment rebate.	\$40/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 Iowa 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 {\$0.03 x (R-value increase x area in square feet)} or 75% installed cost, with a cap of \$0.04 per R-value change per square foot
Sidewall insulation		Lesser of {\$0.0225 x (R-value increase x area in square feet)} or 75% installed cost, with a cap of \$0.03 per R-value change per square foot
Energy-efficient windows	The U-factor must exceed (be more efficient than) the corresponding window type U-factor of the Iowa Energy Code to qualify for a rebate. The SHGC must be equal to or lower than Iowa Energy Code to qualify.	\$25 per window (fixed-pane windows are treated as per window) or 80% of installed cost, whichever is less

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 and targeted system optimization 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
- System optimization studies
- Equipment rebates (as shown on Pages 1-4)
- Enhanced incentives
- Insulation rebates (An on-site building assessment is required.)

Agribusiness

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

- Direct install measures
- Equipment rebates (as shown on Pages 1-4)
- 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 Iowa 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.

Once enrolled in the program, projects will be placed into the appropriate program track. Incentives include:

- Free design assistance
- Design team and construction incentives

Multifamily Housing

Facilities must be built before Jan. 1, 2007. The building must have four or more living units, such as:

- An apartment complex
- Condominiums

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

- Direct install measures
- Equipment and building shell rebates (as shown on Pages 1-4)
- Insulation rebates (An on-site building assessment is required.)

Refer to the individual rebate applications for all rebate qualifications.



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