



# 2017 COMMERCIAL INCENTIVES



## HEATING, COOLING & VENTILATION

Heating, ventilation, and air-conditioning (HVAC) systems account for about 40 percent of the electricity used in commercial buildings.



### HEATING AND COOLING EQUIPMENT

Incentives per ton of system cooling capacity

Type of System	1st 40 Tons	Remaining	Maximum
Geothermal Closed Loop System	\$350	\$175	\$50,000
Geothermal Open Loop System	\$250	\$125	\$30,000
Geothermal Water Source System	\$150	\$75	\$25,000
Geothermal Unit Only with Existing Loop	\$75	\$75	\$15,000
ENERGY STAR Air Source Heat Pump System	\$200	\$100	\$25,000
Standard Air Source Heat Pump System	\$150	\$50	\$15,000
Central Air Conditioning System	\$25	\$25	\$10,000
Air Cooled Chiller	\$20	\$20	\$5,000
Water Cooled Chiller	\$30	\$30	\$5,000

FOR MORE INFORMATION VISIT

ENERGY STAR®  
[www.energystar.gov](http://www.energystar.gov)

DesignLights Consortium™  
[www.designlights.org](http://www.designlights.org)

Contact your cooperative for the complete list of incentive programs and qualifications.

All programs subject to change at any time, without prior notice.



Energy Efficient



Cost Effective



## ADDING VALUE TO YOUR ELECTRIC SERVICE



Maquoketa Valley  
Electric Cooperative

® Your Touchstone Energy® Cooperative

ECM Fan Motor Replacement \$75/unit  
(for furnaces under 100,000 BTU and AC equipment under 8 tons)

Chiller Pipe Insulation \$2/linear ft.

Heat Recovery Ventilators \$180/ton  
(cooling tons recovered from exhaust air)

Heat recovery ventilation systems improve the efficiency of heating and cooling systems and improve indoor air quality.

### Custom Incentives

Members who implement strategies that reduce electrical usage can be rewarded for the energy savings from equipment or measures that are not included as part of a prescriptive incentive program. To be eligible for custom incentives, you should request pre-approval and engage your cooperative in the early planning stages for your project.



Maquoketa Valley  
Electric Cooperative

® Your Touchstone Energy® Cooperative

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[www.mvec.coop](http://www.mvec.coop)

*This institution is an equal opportunity provider and employer.*

# VARIABLE SPEED DRIVES



Variable speed drive equipment is used to control the speed of machinery and can be used to increase efficiency of HVAC fans and pumping equipment.



VARIABLE SPEED DRIVES		
Load	Run Hours	Horsepower Controlled
Variable	1000-1999	\$20
Variable	2000-2999	\$40
Variable	3000 +	\$60
Fixed	1000-1999	\$10
Fixed	2000-2999	\$15
Fixed	3000 +	\$20

Up to a maximum of \$10,000 per facility.

\*Variable loads - fans or pumps

\*\*Fixed loads - all other types including augers and conveyors that have a constant torque

## COMMERCIAL KITCHEN

Compared to standard models, ENERGY STAR® labeled commercial appliances can lead to energy savings of as much as 35 percent with a 1.3 year payback.

INCENTIVES FOR ENERGY STAR COMMERCIAL REFRIGERATION				
Size	Solid Door Refrigerators	Glass Door Refrigerators	Solid Door Freezers	Glass Door Freezers
<19 cu. ft.	\$25/each	\$40/each	\$40/each	\$125/each
19-30 cu. ft.	\$40/each	\$50/each	\$60/each	\$150/each
31-60 cu. ft.	\$60/each	\$60/each	\$150/each	\$300/each
61-90 cu. ft.	\$100/each	\$70/each	\$325/each	\$600/each

Maximum incentive of \$5,000 per facility per year, not to exceed 50% of cost.

## ENERGY STAR Dishwasher

(varies depending on type, requires electric water heater)

Under Counter	\$100/each
Stationary Single Tank Door	\$250/each
Single Tank Conveyor	\$250/each
Pot/Pan and Utensil	\$250/each
Multi Tank Conveyor	\$800/each
ENERGY STAR Electric Steam Cooker	\$750/each

## LIGHTING

Lighting is a critical component of every business, accounting for 20 to 50 percent of electricity consumption.

## EXISTING BUILDINGS

### Indoor Lighting

Linear Lamp Replacements (4' Troffer Fixtures)

Reduced Wattage T8\* \$2/lamp

\*Must be on the Consortium for Energy Efficiency's Qualifying Product List.

LED Tubes - Replacing T12 or T8\*\* \$3/lamp

\*\*DesignLights Qualified

High Bay Fluorescent Fixtures

(4' T8/T5, 15' mount height)

Replacement of HID fixtures \$12/lamp

Replacement of Non-HID fixtures \$6/lamp

## NEW BUILDINGS OR ADDITIONS

### Indoor Lighting

High Bay Fluorescent Fixtures \$6/lamp

(4' T8/T5, 15' mount height)

Also see All Buildings

## ALL BUILDINGS

### Indoor Lighting

ENERGY STAR or DesignLights \$4/lamp

Qualified LED Lamps, Screw-based, ≥ 8W

Occupancy Sensors \$15 each

ENERGY STAR or DesignLights Qualified LED Fixtures

(non-troffer type)

8-49W \$15 fixture

50-99W \$25/fixture

≥ 100W \$40/fixture

LED High Bay and LED Troffer Fixtures Contact Your

Co-op

### Outdoor Security Lighting

ENERGY STAR or DesignLights Qualified LED Fixtures

20-34W \$15/fixture

35-49W \$20/fixture

50-74W \$40/fixture

75-124W \$50/fixture

≥ 125W \$60/fixture

Why ENERGY STAR or DesignLights? Because both have developed products lists to identify quality LED lighting products that meet certain performance criteria. ENERGY STAR and DesignLights qualified products have been tested to verify that they perform as advertised and that required safety certifications have been obtained. This means that consumers can purchase with confidence that these products are likely to last longer and perform better than non-listed products. Incentive Details: Maximum incentive is 50 percent of installed costs; custom incentives may be available, contact your cooperative for further details.