

### Project Guidelines for Energy Reduction Incentives

The typical incentive rates (dollars per kWh savings) shown below can be used to estimate the possible custom incentives that could apply to energy efficiency improvements to your facility. Actual incentive rates may vary by project and can change as a result of Linn County REC's cost of service. It is important that you have your project pre-approved prior to implementation so that you can lock in a specific rate for your project.

**Lighting I:** \$.05/kWh  
Projects in facilities that operate 3 shifts per day (more than 16 hrs/day)

**Lighting II:** \$.07/kWh  
Projects in facilities that operate 1 or 2 shifts per day

**Air Conditioning:** \$.10/kWh  
Measures reducing facility air conditioning load

**Other:** \$.09/kWh  
e.g. Manufacturing and process equipment, process heating and refrigeration

**All Measures:**  
Measures reducing peak demand could also qualify for an additional incentive of \$15 per kW reduction



**Total maximum incentive of \$100,000 per site, not to exceed 50% of total project cost.**

### For more information visit:

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



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# COMMERCIAL INCENTIVES



*Power Up!*



cost-effective

energy-efficient

environmentally responsible

### 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. Examples include control systems, process line improvements, and production-specific equipment.

Engaging Linn County REC during early planning stages and completing the necessary application forms will ensure your project will meet program requirements and help you estimate the financial return your investment will provide.

The efficiency improvements implemented at your facility will be calculated or measured to determine energy savings. These savings will be used to establish the amount of your custom incentive. Eligibility for this program may require inspections and measurements to verify the performance of the installed measures. Inspections prior to the removal of the existing equipment/systems may be required for retrofit projects, and involvement during the design phase may be necessary for additions and new construction projects.

*Contact Linn County REC for the complete list of incentive programs and qualifications. All programs subject to change at any time, without prior notice.*

## Heating, Cooling and Ventilation

Heating, ventilating, and air-conditioning (HVAC) systems account for approximately 40% 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 (no pump & dump)	\$250	\$125	\$30,000
Water Source Heat Pump System	\$150	\$75	\$25,000
ENERGY STAR Air Source Heat Pump System	\$200	\$100	\$25,000
Central Air Conditioning System	\$25	\$25	\$3,000
Water Cooled Chiller	\$30	\$30	\$5,000
Air Cooled Chiller	\$20	\$20	\$5,000
* The maximum incentive may vary depending on project savings estimates.			

### Geothermal Example

Geothermal Incentives for Typical Buildings			
Building Type	Size (Square ft.)	System Capacity	Geothermal Incentive (closed loop)
Retail Store	2,500	10 tons	\$3,500
Office Building	10,000	30 tons	\$10,500
Restaurant	4,000	28 tons	\$9,800
School	50,000	150 tons	\$33,250

### Heat Recovery Ventilators

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

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

## Adjustable Speed Drives

Adjustable-speed drive (ASD) equipment is used to control the speed of machinery and can be used to increase efficiency of HVAC fans and pumping equipment.

Adjustable Speed Drives \$40/horsepower

Up to a maximum \$10,000 per facility



## Commercial Refrigerators and Freezers

Compared to standard models, ENERGY STAR labeled commercial refrigerators and freezers 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
< 19 cu. ft.	\$50/ea	\$75/ea	\$25/ea
19-30 cu. ft.	\$75/ea	\$100/ea	\$50/ea
31-60 cu. ft.	\$100/ea	\$125/ea	\$75/ea
61-90 cu. ft.	\$150/ea	\$175/ea	\$100/ea
Maximum incentive of \$5,000 per facility per year, not to exceed 50% of cost.			

## Lighting

Lighting is a critical component of every small business that accounts for 20% to 50% of electricity consumption.

### Existing Buildings

(fixture replacements or complete ballast and lamp retrofit)

#### Indoor Lighting

Standard Fluorescent T8/T5 Fixtures with Electronic Ballasts (new or change out of lamp and ballasts)

U-bend, 2' Fixture with 2 Lamps	\$10
2' Fixtures	\$4/lamp
4' Fixtures	\$5/lamp
8' Fixtures	\$7/lamp
8' Fixtures with High Output Ballasts	\$9/lamp

High Bay Fluorescent Fixtures (4' T8 or 46" T5, 15' mount height)

Replacement of HID fixtures only	\$15/lamp
Pulse Start Metal Halide Fixtures (100-249W)	\$10
Pulse Start Metal Halide Fixtures (≥ 250W)	\$20
ENERGY STAR Screw-in CFL (≥ 9W)	\$2/lamp
Metal Halide Lamps (320-360W replacing 400W)	\$6/lamp
LED Exit Sign Retrofit	\$5/lamp

#### Outdoor Security Lighting

HPS Fixtures (50-99W)	\$15
HPS Fixtures (≥ 100W)	\$30
Pulse Start Metal Halide Fixtures (70-249W)	\$20
Pulse Start Metal Halide Fixtures (≥ 250W)	\$30

### New Buildings or Additions

#### Indoor Lighting

High Bay Fluorescent Fixtures (4' T8 or 46" T5, 15' mount height)	\$8/lamp
ENERGY STAR Screw-in CFLs (≥ 9W)	\$1/lamp

## All Buildings

### Indoor Lighting

ENERGY STAR CFL Fixture (hard-wired)	\$10
ENERGY STAR Ceiling Fan (pin-type CFL attached fixture)	\$15/lamp
ENERGY STAR LED Lighting (≥ 10W)	\$30/fixture
LED Strip/Refrigerated Case Lighting	\$2/linear ft.
Occupancy Sensors (wall/ceiling or high bay mount)	\$15/fixture

### Outdoor Security Lighting

Outdoor Compact Fluorescent (cold-start ballast)	\$10/fixture
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## Incentive Details

- Maximum incentive is 50% of installed costs.
- Custom incentives may be available, contact Linn County REC for further details.
- New lighting fixtures must be more energy efficient (lower wattage) than original installed fixtures.
- Water Heaters and Appliances covered under Residential Incentives.