



CONTROL YOUR SAVINGS

WITH LIGHTING INCENTIVES FROM FOCUS ON ENERGY

Take control of your space with the **Comprehensive Lighting Initiative (CLI)**. Advanced control strategies can effectively save energy by turning off lights at certain times or dimming fixtures. Upgrading your facility with energy efficient fixtures, new LED technology, and accompanying controls will allow you to realize significant savings.

This special offering provides an increased incentive rate of **\$0.07/kWh saved** to Agriculture, Schools and Government (AgSG) customers interested in upgrading their facility with a combination of LED and lighting controls technology. Customers are eligible to receive a bonus incentive of **\$0.03/kWh** when they save 60% or more compared to their baseline (kWh) usage.

Eligibility includes:

- Customers must complete lighting upgrades in areas >50,000ft² or ≥75% of their building square footage.
- Projects are limited to a 1.5-10 year payback window based on energy savings.
- Incentive amount is limited to 50% of the estimated project cost.
- Projects are limited to interior lighting only (not available for exterior lighting).
- New lamps and fixtures shall be ENERGY STAR® certified or DesignLights Consortium™ (DLC) TRT V4.2 listed, unless a category does not exist. Contact your Energy Advisor for exceptions.
- May be combined with the Networked Lighting Controls (NLC) offering (savings not included with the CLI incentive). Refer to the 2018 Lighting Catalog for more information regarding NLC requirements.

UPGRADE YOUR FIXTURES

Upgrading to energy efficient fixtures in areas that require more operating hours, can save a large amount of energy. There are many different lighting technologies available that have a direct impact on energy savings. It is highly recommended to work with a lighting professional who has experience designing lighting systems for your type of facility. The lighting professional will take light level measurements at various locations throughout your facility and explore the most appropriate layouts to reach maximum energy efficiency. Another option to improve lighting layout is de-lamping. De-lamping involves removing unnecessary light fixtures or lamps in areas that are over lit. Not only can it reduce lighting costs by up to 50 percent, it also requires minimal time and investment to start seeing energy savings.

TAKE CONTROL OF YOUR SPACE

Lighting any space costs money, yet money is unnecessarily lost every day by paying to operate lights in unoccupied rooms. A better solution is to install sensors that switch lights on and off based on occupancy, the room's ambient light level, or time of day.



OCCUPANCY SENSORS: Turn off the lights in your space when no one is present in the room. They typically consist of a motion detector that either senses heat or detects motion.



DAYLIGHTING SENSORS: Turn lights off along walls with windows when a certain light level is reached from exterior sources. Placement of these is important for maximum efficiency.



TIMERS/DIMMING: Advanced control strategies can effectively save energy by turning lights off at certain times or dimming fixtures. Dimming or shutting hallway lights off during classes can reduce energy usage substantially.

WHY DO A LIGHTING PROJECT?

When considering a lighting upgrade, it's important to take into account all parts of the facility including both interior and exterior lighting. Facilities require varying amounts of light for the tasks at hand. For example, classrooms require more light than a computer lab, while milking parlors need a brighter space than livestock housing. The Illumination Engineering Society (IES) provides standard lighting levels based on room types and their function. The chart on the right indicates recommended footcandle levels for several common areas. If your current lighting levels exceed these levels, the area may be a good candidate for de-lamping or lighting redesign.

ROOM TYPE	RECOMMENDED FOOTCANDLES
Schools and Government Facilities	
Cafeteria	20-30
Classroom	30-50
Corridor	5-10
Gymnasium	30-50
Kitchen	30-75
Library	30-50
Lounge/Break Room	10-30
Office	30-50
Restroom	10-30
Storage area	5-20
Agricultural Facilities	
Free Stall Barn	20-30
Milking Parlor	20-50
Poultry Barns	0.5-5
Swine Nursery	5

Source: IESNA and IECC (2015), Midwest Plan Service (2006, 2009)

CONSIDER THE ENTIRE PROJECT

- *New fixtures*
- *Effective lighting layout*
- *Controls to match space needs*

Information included in this document is historical and based on data available at the time it was created. Source: IESNA Lighting Handbook and LPD levels from the IECC 2015. Adapted from "Agricultural Wiring Handbook". 15th Edition, 2009. Rural Electricity Resource Council and "Wiring Handbook for Rural Facilities". 3rd Edition, 2006. Midwest Plan Service.

FOLLOW THESE STEPS TO GET STARTED:

- 1** Contact your Energy Advisor to determine eligibility.
- 2** Work with your Energy Advisor to obtain necessary pre-approvals.
- 3** Complete your energy efficient upgrade.
- 4** Submit itemized invoices to your Energy Advisor.
- 5** Receive your incentive check in the mail and enjoy saving energy!



Interested in participating? Contact your local Energy Advisor to find out how the Comprehensive Lighting Initiative can benefit your facility!

focusonenergy.com/CLI • 888.947.7828

REDUCING ENERGY WASTE IN WISCONSIN

Focus on Energy, Wisconsin utilities' statewide program for energy efficiency and renewable energy, helps eligible residents and businesses save energy and money while protecting the environment. Focus on Energy information, resources and financial incentives help to implement energy efficiency and renewable energy projects that otherwise would not be completed.

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