

# 2012 Commercial LED Lighting Program

## About

### CenterPoint Energy

CenterPoint Energy is an electric transmission and distribution utility regulated by the Public Utility Commission of Texas (PUCT) and mandated by the PUCT to offset its demand growth by a certain percentage each year through energy efficiency programs. Therefore, CenterPoint Energy pays incentives or rebates to program participants for the installation of high efficiency equipment that produces measurable and verifiable energy savings.

*CenterPoint Energy's Commercial LED Lighting Program is implemented by Ecova as an independent contractor.*

For more information about CenterPoint Energy's energy efficiency incentive programs, please visit

[CenterPointEfficiency.com](http://CenterPointEfficiency.com)

## Why Upgrade to LEDs?

**Light-emitting diodes (LEDs) can offer significant cost savings and other advantages over conventional lighting commonly used in large outdoor and covered areas, such as parking lots and garages:**

- **Energy Savings:** LEDs can produce more light per watt than conventional high-intensity discharge lamps (e.g., metal halide or high-pressure sodium) and may therefore require less energy to deliver the same amount of light.
- **Operational Savings:** LEDs can have very long life spans (50,000+ hours), which reduce the frequency of costly maintenance and replacement service.
- **Future Savings:** LEDs are a rapidly evolving technology with a record of efficiency, performance, and longevity advancements—along with reduced manufacturing costs—every year. Amid increasing public emphasis on energy efficiency, LED lighting can minimize a major component of a facility's taxable carbon footprint.
- **Environmental:** LEDs contain no mercury or lead.
- **Light Quality:** LEDs produce a clean, bright light. The superior color rendering, uniformity, and visibility provided by LED lighting can improve user safety and visual comfort while enhancing property values.
- **Durability:** Unlike conventional lighting, LEDs are very tolerant of temperature variations, vibrations, and on/off cycles. LED fixtures can also be tightly sealed, which prevents the interior accumulation of dirt, insects, and moisture and eliminates time-consuming disassembly and cleaning.
- **Dimming:** LEDs can be precisely controlled with daylight and occupancy sensors.



Installation of LED parking lot lights (left) compared with HPS lights (right) shows the difference in color and distribution.

Used by permission of BetaLED

Efficient lighting upgrade at  
California State University Fullerton



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## How Can You Participate?

The Commercial LED Lighting Program offers significant incentives for commercial, not-for-profit, and governmental customers to upgrade parking lots, garages, and other outdoor facilities with energy-efficient LED lighting and controls.

These incentives allow CenterPoint customers to recuperate installation costs in as little as one year, with all future savings and benefits accruing to property owners.

LEDs vs. High-Pressure Sodium (HPS) Lamps					
Fixture Type	Wattage	Lifespan		Energy Use (24 hrs/day) Annual	Annual Cost (maintenance + electricity) @ \$0.11/kWh
		Hrs	Yrs		
HPS	191 W	24,000	2.7	1,674 kWh	\$195
LED	78 W	50,000	5.7	683 kWh	\$75

SOURCE: "Demonstration Assessment of Light-Emitting Diode (LED) Area Lights for a Commercial Garage" (U.S. Dept. of Energy, Nov. 2008)

## How Does It Work?

To help its customers save energy, CenterPoint offers incentives to offset the cost of installing high-quality LED lighting and control products in new and existing facilities. Cash incentives—based on peak demand and annual energy savings resulting from LED installations or retrofits—are available upon the verified completion of a qualified lighting project. These incentives typically cover 20-35% of the project's total value, allowing customers to quickly recuperate installation costs while saving energy, reducing operating expenses, enhancing property values, and providing users with outstanding service for years to come.

## Who is Eligible?

Commercial, governmental, not-for-profit, and other facilities receiving service from CenterPoint are eligible to participate.\*

Examples of qualifying LED lighting applications include parking garages, parking lots, area and pathway lighting, and canopies.

\* Customers must receive distribution service voltages ( $\leq 34.5$  kV), with the exception of educational, not-for-profit, and governmental facilities receiving transmission service voltage ( $\geq 69$  kV).

## Ready to Get Started?

Visit the program Website to learn more, download the List of Qualified Service Providers, and contact us.

## 2012 Commercial LED Lighting Program Incentives

\$230/kW  
peak demand reduction\*

\$0.14/kWh  
annual energy savings

\* The peak demand period is 1-7 pm, Mon-Fri, June-September, excluding federal holidays

## What Measures qualify?

- LED products that meet applicable ENERGY STAR® or Design Lights Consortium requirements
- Proximity/daylight-sensing LED lighting controls (high/low/off)

*All measures must be pre-approved by CenterPoint and installed by a qualified installation service provider*

## Contact Us

Program Website

[CenterPointEfficiency.com](http://CenterPointEfficiency.com)

(under "Business Energy Efficiency Programs" select "Advanced Lighting Program - Commercial")

Program Contact E-mail

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