



# SHINE A LIGHT ON SAVINGS

## GET CASH INCENTIVES FOR QUALIFYING OFFICE LIGHTING UPGRADES



*High-performance lens retrofit kits are an easy and affordable way to upgrade first generation T8 lighting systems to new, high-efficiency technology. A lighting professional can provide more information about the best products for your business.*

*Up to 90 percent of the cost of a fluorescent lamp is the electricity used to operate it. Reducing energy consumed by a lighting system is the most significant way to reduce lighting-related costs.*

According to the U.S. Department of Energy, electric lighting accounts for nearly 40 percent of all the energy consumed in U.S. commercial buildings. Many businesses updated older lighting systems to more efficient T8 solutions; however, advances in technology mean that even these earlier versions—typically installed prior to 2000—could benefit from being replaced with today's high-efficiency systems such as reduced wattage T8 or LED. And, Energy Trust of Oregon can help with cash incentives for qualifying energy-efficient lighting upgrades.

### Get to know the new, improved T8s

Think one T8 is the same as the next? Upgrading your outdated fluorescent T8 lamps to current, fourth generation T8 products can reduce lighting costs by as much as 30 percent. Fourth generation T8 lamps have significant performance advancements, including higher light output, improved color rendering, longer life and reduced wattage.

### Consider highly efficient LEDs

Your business may benefit from advancements in LED technology when you upgrade outdated systems for interior spaces. Lighting manufacturers have developed highly efficient LED recessed troffer fixtures, which are commonly used in office spaces. LED recessed troffer fixtures provide equal light output, reduced energy use, high-quality light and color, and less frequent maintenance.

### PROJECT AT A GLANCE

#### KLC Interests, LLC

12 hours a day, 5 days a week  
+ 6 hours a day, 1 day a week

#### Existing Equipment

- 29, 2ft x 4ft, 4-lamp T12 fluorescent acrylic lens recessed fixtures

#### Equipment Installed

- 29, 2ft x 4ft LED acrylic lens recessed fixtures

#### Financial Analysis

- \$7,758 project cost
- \$1,305 incentives
- \$949 annual savings

#### Estimated Annual Energy Savings

- 11,077 kilowatt hours

### Add controls to boost savings

No lighting upgrade is complete without automatic controls that avoid waste by turning off lights when they are not needed. Automatic controls can switch or dim lighting based on time, occupancy, light levels or a combination. Talk with your lighting professional about how much more energy you can save by installing occupancy sensors or daylighting controls with your new lighting system.

### Start saving with the flick of a switch

Energy Trust of Oregon can help you bring your lighting system into the 21st century with cash incentives that offset some of the upfront costs of upgrades.



**Our lighting system upgrade is one of the best investments we've made in our facility. Since the new LEDs were installed, we've seen an improvement in our power costs plus more comfortable light, especially in our office spaces. The change-out was easy and the results were well worth it.**

Buffy Busik, president,  
Mountain View Heating, Inc.



#### PROJECT AT A GLANCE

##### Mountain View Heating, Inc.

10 hours a day, 5 days a week

##### Existing Equipment

- 76, 2ft x 4ft, 4-lamp T12 fluorescent acrylic lens recessed fixtures

##### Equipment Installed

- 76, 2ft x 4ft LED acrylic lens recessed fixtures

##### Financial Analysis

- \$22,800 project cost
- \$3,420 incentives
- \$1,893 annual savings

##### Estimated Annual Energy Savings

- 21,443 kilowatt hours



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