

## Advanced Fluorescent Fixtures Can Save Up To 50% in Lighting Energy Costs!



### Measure Code 41 at a Glance

<b>Incentive</b>	\$65/fixture
<b>Minimum Savings</b>	28w/fixture

### Application Example

#### Existing fixture:

- 2x4, 4-lamp parabolic fixture
- 32-watt T8 lamps
- Electronic ballast
- 112 system watts

#### Proposed:

- 2x4, 2-lamp advanced kit
- 32-watt HPT8 lamps
- High-efficiency electronic ballast
- 56 system watts

#### Savings:

- 56 watts (50%) savings

Commercial lighting has evolved significantly over the last decade, leaving many offices, retail stores and schools equipped with lighting designed for a different era. CRT monitor screens from the 1980s and '90s caused deep-cell parabolic fixtures to be considered standard—just to control glare. While glare control was achieved, the real cost came in reduced fixture efficiency.

Advanced fluorescent fixtures provide the best of both worlds: glare control and extremely high fixture efficiency (often over 85%!). This remarkable combination allows for a 2-lamp advanced fixture to perform comparably to a 3- or 4-lamp prismatic or parabolic fixture. This translates into savings of up to 50%, depending on existing technology.

Advanced fluorescent fixtures (Measure Code 41 in BGE's Prescriptive Lighting offerings) can help your business save energy by optimizing your fixture layout and more efficiently lighting the space. BGE is currently offering an **incentive of \$65 for each fixture** that is replaced or fitted with an advanced fixture retrofit kit.

Lighting quality can be improved drastically by installing advanced fluorescent fixtures. Retail customers find that the improved color rendering of the HPT8 lamps displays their merchandise more favorably, which can translate into higher sales. Customers in offices have reported a refreshed appearance for their office environments. This is in large part due to the "full distribution" pattern of these fixtures, which illuminates vertical as well as horizontal surfaces.

Installation of advanced fluorescent fixtures or kits also presents an opportunity to address your overall lighting control strategy. BGE offers incentives up to \$100 per qualifying occupancy sensor installed as part of a lighting upgrade project. Advanced fluorescent fixtures can be specified with programmed start ballasts to extend lamp life when paired with controls.

Advanced fluorescent fixtures are particularly appropriate for facilities that have undergone a retrofit in the past 10–15 years. Since these fixtures use fewer lamps by default, you can easily achieve energy savings by specifying the correct combination of lamps and ballasts.

To learn more about delamping and other lighting opportunities, contact a **BGE Smart Energy Savers Program®** representative.

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