

Fluorescent High/Low Bay Lighting Can Save Up To 50% in Lighting Energy Costs!



Measure Codes 61, 62, and 63 at a Glance

Incentive	\$40-\$85/fixture
Minimum Savings	70-200w/fixture

Application Example

Existing fixture:

- HID high bay fixture
- 400-watt metal halide lamp
- Electromagnetic ballast
- 455 system watts

Proposed:

- Fluorescent high bay fixture
- (4) 54w T5HO lamps
- High-efficiency electronic ballast
- 234 system watts

Savings:

- 221 watts (49%) savings

Commercial warehouse, industrial and gymnasium lighting has historically been limited to high-wattage high intensity discharge (HID) sources. While these fixtures certainly provide adequate light, their energy consumption and maintenance requirements have left much to be desired.

Fortunately, in the past 5-10 years, T5HO and T8 fluorescent fixtures have been designed and engineered to be effective replacements for high-wattage HID fixtures—normally on a one-for-one basis.

Fluorescent high/low bay fixtures (Measure Codes 61, 62, and 63 in BGE's Prescriptive Lighting offerings) can help your warehouse manufacturing facility or gymnasium save energy by simply replacing the fixtures you already have. BGE is currently offering an **incentive of \$40-\$85 for each HID or otherwise inefficient fixture** that is replaced with a qualifying fluorescent high/low bay fixture.

Lighting quality is often improved drastically after installing fluorescent high/low bay fixtures. Color rendering index (CRI) is one factor to consider. High-pressure sodium fixtures, for example, have a CRI of about 25, whereas fluorescent replacement fixtures have a CRI of at least 85. Even a modest incremental improvement in employee productivity can bring significant returns to the bottom line.

Control of HID fixtures is usually impossible due to long warm-up and restrike times. Fluorescent high/low bay fixtures present an opportunity to address your overall lighting control strategy. BGE offers incentives of \$25 per qualifying fixture-mounted occupancy sensor. That's a potential grand total of \$110 per fixture if you add controls at time of replacement!

The time to consider an upgrade to fluorescent high/low bay fixtures is now. With rebates and incentives available from BGE, payback periods on comparable projects are often less than 12 months. Let your lighting start paying you back!

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

Phone **410.290.1202**
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