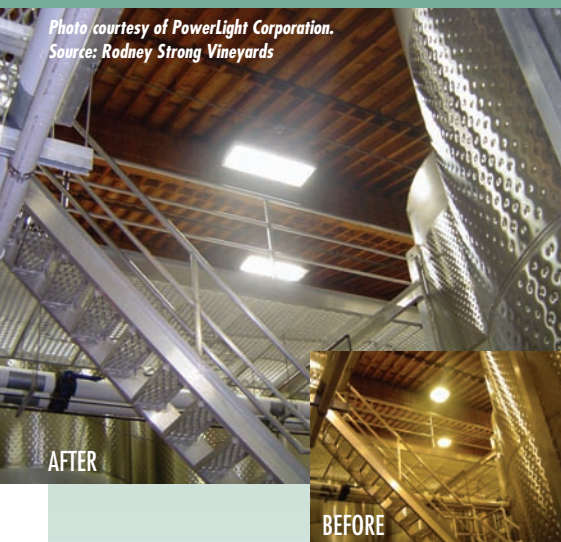


Photo courtesy of PowerLight Corporation.
Source: Rodney Strong Vineyards



“From an energy savings perspective, this was the easiest decision I had to make. The increase in the quality of light was a bonus; lights are brighter and turn on faster. We’re saving even more with the occupancy sensors we installed. In the past, if we had one light on, they were all on; now, only the lights we need are on. I’ve been telling other wineries in the area about this retrofit.”

Tobin Ginter
CFO, Rodney Strong Vineyards

“We were having a lot of trouble with our old lights – they were too dark, especially at night. My staff and the kids noticed an incredible difference after installing the new T5 high bay linear fluorescent fixtures. There’s a lot more light in the gym now when the kids are playing.”

Don Lau
Executive Director, YMCA Youth Center, Richmond, CA

For more information about saving energy at your business, please call the Business Customer Center (800) 468-4743 or visit www.pge.com/business



Pacific Gas and Electric Company®

PG&E’s Energy Efficiency Rebates for Your Business

HIGH BAY LINEAR FLUORESCENT FIXTURES

Interior High Bay Linear Fluorescent Fixtures can cut your energy costs by 50%. Standard metal halide fixtures have long been the dominant technology in high bay lighting applications, but developments in fluorescent fixtures now make it possible to reduce energy costs and improve lighting quality by installing high bay fluorescent fixtures. High bay applications are often found in warehouses, schools, gymnasiums, storage rooms, large retail stores, and other building types with ceilings 15 feet and above.

ADVANTAGES OF LINEAR HIGH BAY FLUORESCENT FIXTURES

ENERGY SAVINGS – Linear high bay fluorescent fixtures can provide up to 50% energy cost savings over standard metal halide systems. At 4,000 annual operating hours, operating cost of a fluorescent fixture ranges from \$133 to \$140 per year, compared to approximately \$275 for each 400 Watt standard metal halide. At \$0.15 per kWh, that’s an estimated savings of up to \$142 per fixture per year.

INSTANT ON AND INSTANT RESTRIKE – Unlike standard metal halides, fluorescents turn on instantly, even after a power interruption. The immediate illumination provided by fluorescents can improve safety and productivity as compared to the slower strike and restrike times associated with standard metal halides.

OCCUPANCY SENSORS AND PHOTOCELLS – Additional energy savings can be realized by pairing a fluorescent system with sensor controls that switch lights off when not needed. Rebates are available for qualifying occupancy sensors; please refer to Energy Efficiency Rebates for Your Business Lighting Catalog for details.

CONSISTENT LIGHT OUTPUT – Fluorescents provide 94% of original light output over their rated lamp life while standard metal halide lamps can degrade by nearly 35% over their rated lamp life.

ENHANCED LIGHT QUALITY – Fluorescent lamps do not suffer from color shift while many standard metal halides can vary in color both initially and over time. Consequently, when standard metal halide fixtures are adjacent to each other, some may appear pinkish while others may appear bluish or greenish.

IMPROVED COLOR – Fluorescents offer better color rendering, which can make retail displays more attractive and improve productivity and worker satisfaction in warehouses and manufacturing spaces. On the Color Rendering Index (CRI) scale, sources with ratings closer to 100 render colors more accurately in comparison to a standard reference source. While standard metal halide lamps rate between 62 and 70 CRI, 800 series fluorescent lamps rate between 82 and 86 CRI.

BETTER LIGHT DISTRIBUTION – Because of the linear nature of the lamps, fluorescent fixtures can be designed to provide more uniform light within a space and fewer shadows than point-source standard metal halide lamps.



Interior High Bay Linear Fluorescent Fixtures



Photo courtesy of PowerLight Corporation. Source: Rodney Strong Vineyards

OPTIMIZING THE ENERGY EFFICIENCY OF YOUR BUSINESS NOT ONLY REDUCES YOUR ENERGY COSTS, IT CAN EARN YOU REBATES AND BENEFIT THE ENVIRONMENT BY CONSERVING OUR NATURAL RESOURCES AND REDUCING AIR EMISSIONS.

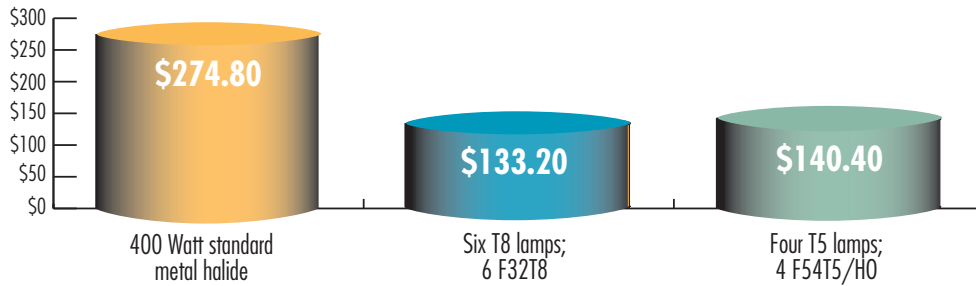
Take advantage of incentives through PG&E's Energy Efficiency Rebates for Your Business.

PG&E offers eligible customers \$100 per fixture for qualifying Interior High Bay Linear Fluorescent Fixtures. With potential savings of \$140 per year in energy costs when replacing a 400 Watt standard metal halide, a fixture can pay for itself in less than 2 years!

High bay linear fluorescent fixtures are specially designed to light large spaces. These fixtures use a highly reflective backing to direct light where it's needed. They are modular in nature, and are available with anywhere between 2 to 12 lamps depending on light level needs. The fixtures come in linear 4-foot and 8-foot lengths, and in other shapes to suit the application.

High bay fluorescent fixtures can use either T8 or high output T5 lamps. Performance is similar between the two lamp types but each may provide advantages in particular applications; check with a lighting professional to see which would work best at your facility. Consider the ambient temperature at the height of the fixture when choosing lamp and fixture types. A fixture designed with proper venting and heating dissipation can greatly reduce heat build-up in high bay fixtures and improve overall performance.

Annual Operating Cost



Based on a rate of \$0.15 per kilowatt hour (kWh) and 4000 operating hours per year

Energy Efficiency Rebates for Your Business

Rebates are the quickest and simplest way for you to get cash back for your eligible energy-efficient purchases. PG&E offers rebates for hundreds of energy-efficient technologies in multiple categories including:

- Agricultural Products
- Appliances and General Improvements
- Boilers and Water Heating
- Food Service
- Heating, Ventilation and Air Conditioning (HVAC)
- Lighting
- Refrigeration

To find out if a product qualifies for a rebate, please visit www.pge.com/biz/rebates or contact the Business Customer Center at (800) 468-4743. You can also request rebate applications and one or more technology catalogs.

Want to learn more about your energy use?

An energy survey may help you identify overlooked opportunities for saving energy at your business and is the first step toward a comprehensive energy management plan. Find out how your business uses energy via on-site, phone, CD-ROM or on-line surveys. For more information call the Business Customer Center at (800) 468-4743 or visit www.pge.com/business.

These offerings are funded by California utility customers and administered by PG&E under the auspices of the California Public Utilities Commission.

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