

Qualifying for incentives requires some real effort, because many programs knit an unwieldy netting of regulations and protocols. Additionally, the installation may require substantial upgrades in hardware and software to either harvest sunlight or reduce consumption during peak periods. However, the budding savings are too great to ignore. Payback is generally within a year or two and the rest is gravy.

A site guide to the state and utility sponsored incentives is business.gov, which has a state-by-state list of programs, including programs that also provide financing with grants and loans.

Uncle Sam, under the provisions of the Commercial Building Deduction, allows deductions of \$1.80 per square foot for offices, schools, warehouses, retail establishments, and government buildings if:

- your upgrade reduces energy and power consumption by 50%,
- and follows the provisions of the Energy Policy Act of 2005.

For commercial lighting upgrades that employ dual switching and reduce your power consumption by at least 25%, you can earn a partial deduction of \$0.30 per square foot. With the dual switching and a 40% reduction, your allowance climbs to \$0.60 per square foot.

- Certifications must be performed by qualified contractors who are not associated with the project or taxpayer;
- All calculations must be performed with DOE-approved software.

Due to the growing concern of strained infrastructure and supposed toxic effects of carbon emissions, you can realize substantial rewards in the forms of rebates and tax breaks from your state, regional utility companies, and the federal government. Check these Websites.

1. For the New Jersey Smart Start web site, [click here](#).
2. The IRS deduction is described at [IRS Deductions](#)
3. For additional information and guidance, please visit the [Energy Star](#) Website.

How Much Might You Save?

Common Lighting Control Strategies	Savings
Dimming: Enables your fixtures to dim, for use in some following strategies	Variable
Occupancy Sensing: Adjusts lighting based on sensing occupancy	Up to 40%
Scheduling: Turn-off or dim lighting by a preset schedule	Up to 40%
Advanced Lighting Control Strategies	Savings
Daylight Harvesting: Using Photo-sensors, adjust electric light levels taking natural light levels into account	Up to 20%
Task Tuning: Reduce maximum light levels according to the	Up to 20%

requirements of each space	
Demand Response: Reduce peak time light levels according to automated signals from power companies	Variable
Personal Control: Enable individuals to set light level according to their own preferences	Up to 10%
Energy Management: Use software for an ongoing improvement in controls settings and strategies	Variable
Automated Maintenance: Monitor ballast and lamp life to reduce ongoing maintenance costs	Up to 10%
Combined Lighting Energy Cost Savings	Up to 70%

Let's add up all your benefits right here:

- You will use up to 70% less energy for your lighting and get an equal amount of light or more;
- \$16.00 to \$200.00 rebate, per fixture from your power company for each HID fixture replaced;
- Unlike HID fixtures, fluorescents are instant on, no warm-up time after shut down or at start up;
- Longer life on lamps and ballasts, plus a much lower cost for lamp and ballast replacement;
- Incentives for your motion sensors also;
- Very fast return on investment.

**Call now- start saving your money, your energy,
and get your incentive checks.**

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