

Energy Efficiency Upgrades

Business Lighting Retrofit

IMPROVE YOUR LIGHTING AND YOUR BOTTOM LINE

Upgrading the lighting at your business can improve employee productivity, increase sales, and reduce safety hazards. Energy-efficient lighting can also reduce operating costs and increase the value of your facility.

The Business Lighting Retrofit program helps owners and leaseholders of commercial and industrial facilities upgrade light fixtures and lighting controls to more efficient technologies.

This program offers cash incentives for installing approved energy-saving upgrades. Material specifications and requirements are provided to help ensure quality work. Participants are responsible for properly disposing of removed materials, such as fluorescent tubes and ballasts, in a manner that complies with all regulations. Many lighting contractors offer such disposal service.



Always Start with a FREE Energy Audit

Our Energy Experts can help you identify the best energy efficiency upgrades for your business.

Call (503) 366-5470 or email experts@crpud.org to schedule your free business energy audit.

Our rebate programs require that we conduct an energy audit before upgrades are completed, so be sure to call us first!

Eligible Customers

Commercial and industrial facilities served by Columbia River PUD are eligible for this rebate program. All projects must result in an energy usage reduction of at least 25%. All newly installed equipment must meet the requirements of the program.

Recycling Information

Fluorescent and High Intensity Discharge (HID) lighting contains trace amounts of mercury and other toxic materials. Lamps and ballasts should always be disposed of properly. For more information, contact the Oregon Department of Environmental Quality's Hazardous Waste Program at (503) 229-5913. The Columbia County Solid Waste Coordinator **may** accept these materials from Columbia County businesses (that are conditionally exempt generators of hazardous waste) free of charge if arrangements are made in advance. Contact Roy Weedman at (503) 397-7263 or roy.weedman@co.columbia.or.us for more information.

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**COLUMBIA RIVER
PUD**
A COMMUNITY-OWNED UTILITY

Project Steps

1. Contact our Energy Experts for a free lighting audit. We will schedule an appointment for the lighting audit, inspect your facility, and identify a list of eligible lighting upgrades. You must be present for the audit. Please allow 60-90 minutes for a thorough inspection.
2. Our Energy Experts will provide a list of recommended lighting efficiency upgrades and the estimated incentives.
3. Solicit proposals from licensed electrical contractors. For a list of contractors who are familiar with the PUD's program and requirements please visit <http://northwest-lighting.org/TradeAlly.aspx>.
4. After you have selected a contractor, send their project proposal to the PUD for review. The PUD will then send you an agreement to sign before the project commences.
5. Notify the PUD when the project is complete. Provide a copy of the contractor invoice.
6. The PUD will perform a final quality assurance inspection.
7. Upon completion of a satisfactory final inspection, we will process your rebate.

Lighting Tips

- Upgrade fluorescent T-12 lights with magnetic ballasts to high-performance T-8 lights with electronic ballasts. Electronic ballasts help eliminate flicker.
- Replace incandescent light bulbs with ENERGY STAR compact fluorescent bulbs.
- Replace incandescent or fluorescent exit signs with long-lasting, low energy LED exit signs.
- Upgrade incandescent security and parking lot lighting to high pressure sodium, metal halide or LED fixtures.
- Install time clocks or photoelectric cells to control exterior lighting.
- Consider removing excess fluorescent lamps and installing reflectors.
- Clean diffusers and lamps every 6-12 months for improved light output.
- Paint dark walls and ceiling with lighter colors to maximize the effect of existing light sources.
- Don't use it when you don't need it! The most efficient light is one that is turned off when it isn't needed.