

SAVE MONEY by replacing incandescent bulbs with specialty cold cathode lighting.

COLD CATHODE SCREW-IN LIGHTING



Seattle City Light will pay up to 70% of the cost of adopting efficient cold cathode lighting.

For specialty lighting needs, replace incandescent bulbs with easy-to-install cold cathode screw-in bulbs to save energy and reduce maintenance costs.

Lower energy and maintenance costs

Cold cathode bulbs use an estimated 60% less energy than incandescent bulbs. Cold cathode bulbs also have a much longer life, reducing maintenance costs associated with frequent incandescent bulb changes.

Ideal settings for cold cathode lamps

- Cold cathode bulbs can be dimmed from 100% to 10%, making them the perfect replacement for incandescent bulbs in **conference rooms** and other settings where dimming is important.
- In environments such as **restaurants**, with wall sconces or other decorative fixtures, cold cathode bulbs are an energy-efficient substitute for incandescent bulbs because they offer similar light quality and ambience.
- When frequent on-off cycles are needed — for example, in **flashing signage** — cold cathodes are a good choice because they offer excellent rapid cycling.

Get a cash rebate

We'll pay up to 70% of the total installed cost for switching from incandescent to cold cathode lighting. The rebate is based on projected kilowatt-hour (kWh) savings during the first year of conversion.

HOW TO GET YOUR SEATTLE CITY LIGHT REBATE

- 1 Call (206) 684-3800.
- 2 Work with a City Light energy analyst to evaluate your project and estimate your rebate and energy savings.
- 3 Secure authorization from City Light prior to equipment purchase or installation.
- 4 Proceed with installation and contact City Light for final verification when work is complete.

Specialty cold cathode lamps help US Bank Centre save energy

The 44-story US Bank Centre in downtown Seattle is home to the City Centre shopping complex. Until recently, it was also home to a lot of incandescent bulbs.

As part of ongoing energy conservation efforts, building management recently replaced over 700 incandescent bulbs with more efficient technologies. The effort will save over 267,000 kilowatt-hours (kWh) every year.

One special challenge was 188 decorative wall sconces throughout the building. Each of these fixtures contained four to six incandescent bulbs. Replacing them with compact fluorescent lamps (CFLs) was not a viable option because the fixtures were too shallow.

The solution: smaller cold cathode lamps

Says Ron Parsons, Chief Engineer of Bentall Capital, “We did a test on one sconce, replacing four 25-watt incandescent bulbs with four 3-watt cold cathode lamps. It was impossible to tell the difference in terms of light quality or intensity.”



“Because a significant portion of the project cost was offset by a Seattle City Light rebate, we expect to recover the expense of our investment in about six months.”

Ron Parsons, Chief Engineer, Bentall Capital

US BANK CENTRE LIGHTING UPGRADE SAVINGS

| | ESTIMATED kWh SAVINGS PER YEAR | ESTIMATED ANNUAL SAVINGS (\$0.06 kWh) |
|---|--------------------------------|---------------------------------------|
| Replaced 188 incandescent bulbs with cold cathode lamps | 32,938 kWh | \$1,976 |
| Replaced 535 incandescent bulbs with CFLs | 234,135 kWh | \$14,048 |
| Total estimated savings per year | 267,073 kWh | \$16,024 |

Conservation is our most cost-effective energy resource

Seattle City Light offers incentives such as technical assistance and rebates to business and institutional customers to promote adoption of energy-saving technologies. We offer rebates because conservation is the most cost-effective way to meet our future electricity needs.

Reduce your carbon footprint

The City of Seattle is a national leader in protecting the environment. Seattle residents and businesses are joining in efforts to help reduce the negative impacts of climate change.



Seattle City Light is a publicly owned utility dedicated to exceeding our customers' expectations in producing and delivering low-cost, reliable power in an environmentally responsible and safe way. We are committed to delivering the best customer service experience of any utility in the nation.

Fact sheet data is based on estimated energy use and expense; actual savings will vary. To qualify for rebates, you must obtain project approval from Seattle City Light management prior to purchase or installation of equipment or materials. This program may change without notice and is subject to the availability of funds.

SLD RSAC 0410