

## A High-Efficiency Lighting Retrofit Can Reduce Energy Bills and Boost Comfort.



### Lighting and Your Building

Lighting is a significant expense in operating a building and is a large component of your energy bill each month. According to ENERGY STAR®, lighting consumes 35 percent of a building's electricity, more than any other end use.\* Additionally, lighting systems produce large amounts of waste heat, often referred to as heat gain. This internal heat gain may be useful when the building requires heating, but it is counterproductive during summer months when the building needs to be cooled.

### How Will I Benefit?

- Lower energy usage for the life of your install: With good design, lighting energy in most buildings can be reduced up to 50 percent while maintaining or actually improving lighting quality.
- Financial benefits: Projects typically pay for themselves in energy savings alone within a few years; however, SWEPCO offers incentives to help offset the initial cost.
- Lowered maintenance savings: LEDs in particular have an exceptionally long life, often extending to 100,000 hours and beyond.
- Better work environments: Lighting retrofits offer the potential for lower cooling costs, more productive work environments and improved comfort.

### What Options are Available?

- Many existing fluorescent and HID technology fixtures can be retrofitted with new lamps, in some cases reducing the number of lamps or number of fixtures-depending on the application.
- Retrofit kits are another option, typically offering additional control options and in many cases longer estimated useful life.
- New fixtures are often very cost effective with incentives, providing the greatest flexibility in design.

Source: energystar.gov

### How Do I Start?

For more information, call **866-800-9770** to speak with a program representative, email [programs.swepcola@clearResult.com](mailto:programs.swepcola@clearResult.com) or visit [SWEPCOgridSMART.com](http://SWEPCOgridSMART.com).