

Save energy at your facility with LEDs

You've heard LEDs save energy. But just how much? LEDs are up to 80 percent more efficient than conventional incandescent lamps and last up to 25 times longer. Plus, the directional nature of LED light output means light is focused exactly where it is needed, saving more energy by reducing the number of light fixtures needed. Although they cost more, LEDs pay for themselves over time through their long life and low energy use.

On average, lighting costs account for 20-30 percent of a commercial building's energy use – and that increases if the lighting is inefficient and outdated. Just think of the savings you could achieve with an upgrade! Add in lighting controls, and you'll reduce lighting energy consumption by an extra 20-50 percent.

LED ENERGY SAVINGS IN ACTION

LEDs are a smart choice for interior lighting. But they're also ideal for exterior lighting applications. Learn how National Grid helped one New York organization make the switch to LEDs.

Buffalo Civic Auto Ramps (BCAR), the non-profit organization that manages more than 8,200 parking spaces and seven parking structures in the City of Buffalo, worked with National Grid to upgrade their lights to LEDs. With the help of \$162,380 in financial incentives, 850 lights and fixture were replaced with LEDs, leading to annual savings of 1,011,740 kWh and \$61,401. Overall, a 21 percent reduction in energy consumption was achieved.

In exterior applications, LEDs provide improved night visibility, thanks to general light output, uniformity and higher color temperature. Better light can also enhance the safety of drivers and pedestrians.

"National Grid has been a great partner from start to finish — from the initial effort to verify existing fixtures to preparing a financial analysis and grant amount to completing the project. The entire experience was easy to understand and seamless and the project yielded great results."

- Sam Iraci, Executive Director, BCAR

Upgrade to LEDs and start saving at your facility.

Contact your account manager, call 1-800-787-1706, or email efficiency@nationalgrid.com.