

CASE STUDY

An incentive from Duke Energy Progress helped Storr Office Environments complete an extensive lighting retrofit project, which significantly reduced monthly energy bills while improving their warehouse lighting at a reasonable cost.

The Situation:

Storr Office Environments, a furniture showroom and warehouse in Raleigh, N.C., wanted to enhance the lighting of their warehouse at an affordable cost. The Duke Energy Progress lighting incentive helped Storr Office Environments offset the initial costs of their lighting upgrade, enabling them to use those resources elsewhere. With the \$19,750 incentive they received, the total cost of the project was cut by almost one-third.

Project Details:

Prior to the upgrade, Storr's warehouse lighting consisted of 400-watt metal halide lamps. Working with Electrical Equipment Company, a Duke Energy Progress Trade Ally, Storr replaced those lamps with T5 fluorescent fixtures. The new T5 fixtures were also equipped with occupancy sensors to control the lights in each aisle, allowing the fixtures to remain off until someone enters the area under the fixture. By making these relatively small upgrades, Storr is projected to save more than 234,814 kWh or more than \$18,785 per year. What's more, the increased energy savings as a result of the improvements will pay for the resulting project cost in a little over two years' time.

Your Business Can Benefit Too:

Today, more than ever, energy efficiency is a smart business decision. Duke Energy Progress offers incentives for a variety of new construction and retrofit projects, including lighting, HVAC, motors and refrigeration, that can cover up to 75 percent of the incremental project cost. Our network of Trade Allies, such as contractors, vendors, engineers and architects, can guide you through your energy-efficiency project and the incentive process. You can even elect to have the incentive check sent to your vendor to reduce initial project costs and simplify bookkeeping.



Storr Office Environments

PROJECT HIGHLIGHTS

Customer: Storr Office Environments, Raleigh, N.C.

Measures implemented: Lighting

Original project cost:	\$57,470
Duke Energy Progress incentive:	-\$19,750
New project cost:	\$37,720

Projected energy cost savings: \$18,785/year

Payback period without incentive: 3.06 years

Payback period: 2.01 years

Energy Efficiency for Business

Learn more at duke-energy.com/carolinasbusiness.
Questions? Call **1.866.326.6059**.