

## CASE STUDY

An incentive from Duke Energy Progress assisted Piggly Wiggly® in dramatically improving their grocery refrigeration while doubling capacity and lowering their monthly energy bills.

### The Situation:

Piggly Wiggly, America's first true self-service grocery store franchise, recently completed a refrigeration replacement project in their Sanford, N.C., store. This retrofit lowered energy bills and doubled freezer capacity, helping Piggly Wiggly to remain competitive in today's market.

According to Nancy Adams, vice president, Piggly Wiggly of Sanford, the store needed additional freezer space to expand their frozen meat and seafood offerings. The Duke Energy Progress incentive of \$22,702 helped the store offset the initial costs of the project and shorten their payback period by a year.

### Project Details:

Prior to the upgrade, the grocery store used inefficient horizontal open-top freezers. Piggly Wiggly replaced them with vertical ones equipped with doors and LED lights. Piggly Wiggly is projected to save more than 283,780 kWh per year or over \$22,702 in energy costs. The additional freezer capacity enables them to be more competitive with other grocery stores. Plus, the energy savings will pay for the upgraded freezers in a little over five years or just four years after factoring in the incentive.

### 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 your bookkeeping.



## PROJECT HIGHLIGHTS

**Customer:** Piggly Wiggly, Sanford, N.C.

**Measures implemented:** Refrigeration

<b>Original project cost:</b>	\$124,748
<b>Duke Energy Progress incentive:</b>	-\$22,702
<b>New project cost:</b>	\$102,046

**Projected energy cost savings:** \$22,702/year

**Payback period (without incentive):** 5.49 years

**Payback period (with incentive):** 4.49 years

## Energy Efficiency for Business

Learn more at [duke-energy.com/carolinasbusiness](http://duke-energy.com/carolinasbusiness).  
Questions? Call **1.866.326.6059**.