

ELS CASE STUDY

GAP, INC.

QUICK FACTS

- **Project Name:** Gap Distribution Ctr LED Retrofit
- **Location:** Gap Boulevard, Gallatin, Tennessee
- **Gross Square Footage:** 2,800,000



PROJECT DESCRIPTION

The Gap project had its beginning in a Cost Savings Scavenger Hunt hosted by Gap to discover areas of potential energy savings. Through this process, Energy Lighting Services identified several areas that had significant opportunity for utility cost reduction. Gap realizes how energy efficiency affects their bottom line while also understanding the importance of reducing the negative environmental impacts through avoidance of wasteful energy consumption.

ELS was hired to conduct two phases of LED retrofit projects at their TN distribution center, beginning in 2013. Their TN DC is the largest in the world. A third phase is scheduled to begin in 2017. This project was the largest LED retrofit in the world at the time, retrofitting over 50,000 fixtures.

Energy Lighting Services

ENVIRONMENTAL IMPACT

This energy efficiency project created a very favorable environmental impact. Not only did they save \$960,045 per year, they reduced their carbon footprint as well. The comparable metrics are as follows:



473,354 trees saved annually



1,565 fewer cars driven for 1 year



6,311 tons of carbon dioxide gas

KEY PROJECT RESULTS

Total Cost w/o Incentives	Financial Incentives	Net Cost of Project	Projected Annual Savings	Simple Payback Period	Return on Investment
\$2,814,286	\$698,173	\$2,116,113	\$960,045	23 months	51%
Annual Energy Use			Annual Energy Reduction		
Before Project: 8,055,966 kWh After Project: 2,154,306 kWh			73%		