

ELS CASE STUDY

FORKLIFT SYSTEMS, INC. (AL)

QUICK FACTS

- **Project Name:** Forklift Systems Birmingham LED Retrofit
- **Location:** West Park Drive, Birmingham, Alabama
- **Gross Square Footage:** ~14,000



PROJECT DESCRIPTION

Forklift Systems has over 30 years experience serving companies with their material handling needs. They carry several lines of world class new forklift equipment, a special department devoted to used forklift trucks, a large fleet of rental forklift trucks, aerial lifts, industrial floor cleaning machines, utility vehicles, and rack systems.

They brought in Energy Lighting Services in 2011 to begin a study on retrofitting their lighting at their Nashville HQ. The project was such a success, they broth ELS back in in 2013 to conduct a retrofit at their Birmingham location as well. The project provided an annual reduction in energy usage on their lighting system of 76%, saving them nearly 70,000 kWh annually.

Energy Lighting Services.

ENVIRONMENTAL IMPACT

This energy efficiency project created a very favorable environmental impact. Not only did they save \$8,053 per year, they reduced their carbon footprint as well. The comparable metrics are as follows:



2,980 trees saved annually



10 fewer cars driven for 1 year



40 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
\$29,851	\$2,820	\$27,031	\$8,053	40 months	33%
Annual Energy Use			Annual Energy Reduction		
Before Project: 67,605 kWh After Project: 51,257 kWh			76%		