

ELS CASE STUDY

FIRST CITIZENS NATIONAL BANK

QUICK FACTS

- **Project Name:** First Citizens National Bank LED Retrofit
- **Location:** Carothers Parkway, Franklin, Tennessee
- **Gross Square Footage:** ~22,500



PROJECT DESCRIPTION

First Citizens National Bank is based in Dyersburg, Tennessee, and has 13 branches throughout the state. In 2013, they contracted with Energy Lighting Services to retrofit one of their biggest branches in Middle Tennessee with LED and LEP lighting.

While this bank building was relatively small as compared to the projects ELS usually executes, it made a big impact on the building's energy use, reducing their lighting energy costs by over 50%. Future plans include retrofitting their other Tennessee branches. The project was conducted by Energy Lighting Services, one of the nation's leading energy efficiency consulting and project management companies.

Energy Lighting Services

ENVIRONMENTAL IMPACT

This energy efficiency project created a very favorable environmental impact. Not only did they save \$6,935 per year, they reduced their carbon footprint as well. The comparable metrics are as follows:



893 tree seedlings grown for 10 years



7 passenger vehicles driven for 1 year



34.5 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
\$29,380	\$14,153	\$15,226	\$6,935	37 months	51%
Annual Energy Use			Annual Energy Reduction		
Before Project: 128,101 kWh After Project: 79,056 kWh			62%		