

# ELS CASE STUDY

## RELIANT BANK

### QUICK FACTS

- **Project Name:** Reliant Bank LED Retrofit
- **Location:** S. Main St., Springfield; Nashville Pk, Gallatin; E. Main St, Gallatin, Tennessee
- **Gross Square Footage:** ~21,100



### PROJECT DESCRIPTION

In 2012, before Reliant Bank and Commerce Union Bank merged, Commerce Union Bank contracted with Energy Lighting Services to retrofit all of the lighting (interior & exterior) in their three Tennessee branches to LEDs. Their Nashville Pike, Gallatin, TN, branch is a LEED certified building. The staff and bank customers were very pleased with the transformation from an aesthetics perspective. Their bank looks cleaner, safer, and brighter. The executive team was thrilled with the financial benefits.

ELS helped the bank secure over \$30,000 in incentive money for the project. The project had a 23% return on investment (ROI) and provided an annual savings of \$12,916. Retrofitting to LEDs cut their energy consumption by 62% on their lighting system.

Before the retrofit, the bank staff had to replace fluorescent tubes and ballasts every week. Now they have not had to replace but two LEDs since the project was completed.

Energy Lighting Services.

### ENVIRONMENTAL IMPACT

This energy efficiency project created a very favorable environmental impact. Not only did they save \$11,942 per year, they reduced their carbon footprint as well. The comparable metrics are as follows:



**2,281 tree seedlings grown for 10 years**



**19 passenger vehicles driven for 1 year**



**88 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
<b>\$66,877</b>	<b>\$33,155</b>	<b>\$33,722</b>	<b>\$11,942</b>	<b>35 months</b>	<b>35%</b>
Annual Energy Use			Annual Energy Reduction		
<b>Before Project: 187,983 kWh</b> <b>After Project: 62,735 kWh</b>			<b>66%</b>		