

ELS CASE STUDY

BOLIVAR GENERAL HOSPITAL

QUICK FACTS

- **Project Name:** Bolivar General Hospital
- **Location:** 650 Nuckolls Rd, Bolivar, TN, 38008
- **Gross Square Footage:** ~42,000



PROJECT DESCRIPTION

Bolivar General Hospital, an affiliate of West Tennessee Healthcare, has 51 licensed beds and is a member of the American Hospital Association, Tennessee Hospital Association, and West Tennessee Hospital Council. They are committed to providing superior care to members of their community.

The project had a 276% return on investment (ROI). Retrofitting to over 900 high quality LED lamps & fixtures, their energy consumption was cut by 30% on their lighting system, eliminating over 117,000 kWh of electricity use annually.

ENVIRONMENTAL IMPACT

This energy efficiency project created a very favorable environmental impact. Not only did they save \$32,317.69 per year, they reduced their carbon footprint as well. The comparable metrics are as follows:



137 trees saved for 1 year



17.6 fewer cars driven for 1 year



91.6 tons of carbon dioxide gas

KEY PROJECT RESULTS				
Total Cost w/o Incentives	Financial Incentives	Net Cost of Project	Projected Annual Savings	Return on Investment
\$81,854.45	\$0	\$81,854.45	\$32,317.69	276%
Annual Energy Use			Annual Energy Reduction	
Before Project: 393,177 kWh After Project: 275,704 kWh			30%	