

ELS CASE STUDY

CUMBERLAND VIEW TOWERS

QUICK FACTS

- **Project Name:** Cumberland View Towers
- **Location:** 1201 Cheyenne Blvd, Madison, TN 37115
- **Gross Square Footage:** ~150,000



PROJECT DESCRIPTION

Cumberland View Towers is a non-profit organization sponsored by Kentucky-Tennessee Conference of Seventh-day Adventists. They provide affordable housing for seniors with 150 one bedroom apartments in Madison, TN.

The project had a 322% return on investment (ROI). Retrofitting to LEDs cut their energy consumption by 71.6% on their lighting system, eliminating over 200,000 kWh of electricity use annually.

ENVIRONMENTAL IMPACT

This energy efficiency project created a very favorable environmental impact. Not only did they save \$24,409.36 per year, they reduced their carbon footprint as well. The comparable metrics are as follows:



389.3 trees saved for 1 year



32.2 fewer cars driven for 1 year



166 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
\$62,617.41	\$4,853	\$57,764.41	\$24,409.36	322%
Annual Energy Use			Annual Energy Reduction	
Before Project: 282,061 kWh After Project: 80,197.5 kWh			71.6%	