



Options Energy

powered by **Verde Solutions**

Case Study:

St. Thomas Aquinas Seminary



Project Snapshot

Gross Project Cost: \$68,032.00

Total Project ROI: 1.86 years

Old Annual Electricity Costs: \$30,500.00

New Annual Electricity Costs: \$8,200.00

Electricity Savings: 73%

Our Customer

St. Thomas Aquinas Seminary is an educational facility that features spaces from typical classrooms, to wood-working shops, to its own honey farm. When considering their options for new lighting and energy savings, St. Thomas Aquinas Seminary worked with Verde Solutions to determine the best options.

Contact a **Options Energy Consultant** today to learn more about energy efficiency upgrades
1920 S Highland Ave Suite-205 Lombard, IL 60148.



Options Energy

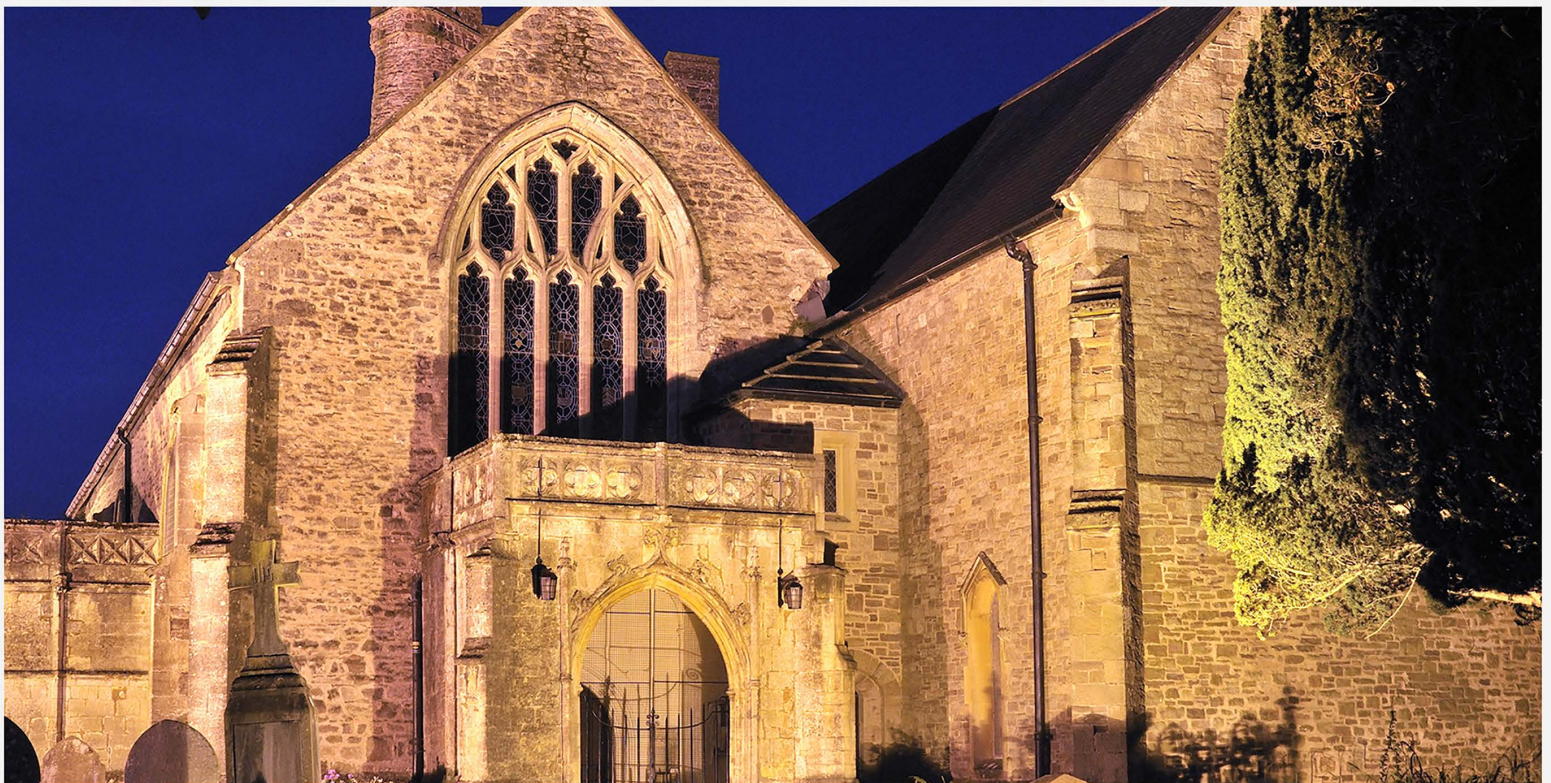
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The Solution

St. Thomas Aquinas Seminary worked with our Verde Solutions engineers to conduct a lighting analysis for the facility and identified the best products to deliver maximum savings and performance. Verde was able to integrate LED solutions into the seminary's specialty chapel lighting to replace halogen floods, incandescent bulbs, and metal halide bulbs. With these upgrades the spaces maintain the desired ambiance while cutting energy usage by more than half. Verde also replaced the facility's T12 and T8 wrap, strip, and troffer fixtures with LED retrofit fixtures. These fixtures come with a 7 year warranty and are rated for 85,000 hours of life.

Project Benefits

At an estimated annual lighting cost of \$30,500 per year, Verde Solutions stepped in to provide a long term LED solution that reduced annual lighting costs by 73%. Through the use of LED retrofits and a 10 year maintenance-free warranty, Verde Solutions helped St. Thomas Aquinas Seminary find lighting solutions that will not only reduce their electricity bill, but last for years to come.



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