



*"We are most pleased with the project, the expertise that you and your company provided, and the substantial energy cost savings that resulted"*

**Allen Randolph**  
Senior Pastor, Trinity Church



#### PROJECT AT A GLANCE

##### Project Type / Location

- Energy Efficiency Retrofit
- San Antonio, Texas

##### Projected Annual Savings / Payback / ROI:

- \$11,474 / 5.9 yrs / 17%

##### Actual Annual Savings / Payback / ROI:

- \$20,721 / 3.2 yrs / 30.59%

##### Project Cost / Size:

- \$67,470 / 82,274 s.f. / 7 Buildings

##### Project Scope of Work:

- Energy Management System
- Lighting Retrofits & Controls
- Real time Monitoring and Support

##### Environmental Facts Impact (Yr. 1)

- Releasing 180 fewer tons of carbon dioxide (CO2) into the atmosphere annually
- Removing 36 cars from the road for a year
- Planting 49 acres of trees to help restore the ecosystem balance

##### Owner:

Trinity Church  
5415 N. Loop 1604 E  
San Antonio, Texas 78247  
[www.trinitychurch.com](http://www.trinitychurch.com)

## Trinity Church & Christian Academy

### The Challenge

Trinity Church & Christian Academy was seeking ways to reduce its operating expenses and utility costs in order to take advantage of energy incentives offered by its electricity provider. Novak Group was tasked to perform an audit on the church's seven main buildings, including the high school/junior high, elementary school, preschool, sanctuary, administration and gymnasium and another off site day care. Once waste was identified through an audit, Novak Group worked closely with Trinity to develop a solution that would fit their needs while removing the excess waste.

### The Solution

Novak Group installed an energy management system that would allow Trinity Church to have greater control over their energy use. Much of the campuses had a lighting makeover which improved lighting schemes while saving dollars.

### The Bottom Line

Novak Group and Trinity were looking for a solution that made financial sense, and they found one. The project has increased comfort of the church members and staff and exceeded the original energy savings projections by more than 13% with an expected payback of 3.2 years and an annualized return on investment (ROI) of 30.59%.

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