



GreenTech Gives Raleigh Church the Green Light in Energy Savings

GreenTech Solutions Group worked with the Upper Room Church of God in Christ to reduce energy use, save on maintenance costs, and improve the overall impact of the sanctuary lighting and beyond.

RALEIGH, NC, July 15, 2016 – GreenTech Solutions Group worked with the Upper Room Church of God in Christ to upgrade to energy efficient lighting for various rooms within the Raleigh facility, especially the church’s sanctuary. **The retrofit resulted in the church seeing a 69% reduction in energy consumption and maintenance costs.**

The sanctuary was refitted with T8 LED tubes to enhance the stage lighting as well as in the seating areas, virtually eliminating the need for costly maintenance for many years to come. **The light levels were increased to achieve even, consistent lighting levels throughout a space with various elevations.**



The remainder of the church - including a multipurpose room, fellowship room, offices, and hallways - were all up-fitted with energy efficient LED panel lights. **Each of the panels is pre-equipped with built-in dimming switches for additional energy savings. These LED panel lights provide a beautiful, glare-free output that offers flexibility throughout each space with multiple levels of dimming for individual space preferences.**

The church’s executive administrator Evangelist Wanda Thomas said, “GreenTech was truly a one-stop shop for all our lighting needs; from the assessment to the financing, to the installation and the rebates.”

The annual operating savings is estimated at over \$20,000/year with additional savings when combined with the dimming feature. **The Upper Room Church engaged in a lease opportunity to fund the lighting retrofit, allowing it to spread out the initial investment over time and use the money it saves on utility costs to pay for the new lighting and other efficiency projects.** By leasing, the church enjoyed immediate savings by minimizing its initial capital investment while experiencing a monthly cash flow positive scenario!



GreenTech Solutions Group V.P. of Business Development Scott Jernigan said, “The Upper Room staff were such a pleasure to work with, and we are thankful they selected GreenTech to deliver a lighting upgrade for their place of worship.”

GreenTech also assisted in securing more than \$22,000 in energy rebates through the Duke Progress Energy Efficiency for Business Program on behalf of Church to reduce the total cost financed, ultimately reducing the payback period to 1.6 years. Thomas added,

“We were unsure just how to tackle our lighting issues, so to have the people at GreenTech to take us through every step of the process was a blessing.”

GreenTech President and CEO Glenn Edmonds said it’s immensely rewarding to help the Upper Room Church improve their lighting throughout the sanctuary and beyond and give them a quick return on their investment so their savings will carry on for many years to come. “The new energy efficient lighting not only has a huge impact within the church walls but will also have a lasting impact on the environment,” said Edmonds.

Thanks to the output of the T8 LEDs and the LED panel lights, each area of the church is able to be illuminated at higher levels than it was with the previous, dated lighting system. Pastor Patrick Lane Wooden, Sr., Sister Wanda Thomas and the church elders, and the congregants are thrilled with the new energy efficient lighting throughout their church.

About GreenTech Solutions Group: Founded in 2009, GreenTech Solutions Group is designed as a full-service consulting firm to deliver proven energy-efficiency solutions that reduce clients’ consumption, help protect our environment, conserve resources, and ultimately generate a timely return on investment. We specialize in cutting-edge energy-efficient lighting, alternative energy production, mechanical efficiency, energy management, water conservation, electric vehicles, and more, planning and implementing projects for businesses of all sizes in every industry nationwide. For more information visit:

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