

# Case Study

## Pleasant Valley Baptist Church



### Incentives on energy-efficient lighting upgrades help one church community grow and save.

#### Overview

Pleasant Valley Baptist Church, a large religious and community service facility, operates seven days a week and was experiencing substantial utility costs. They needed to make a change in order to keep costs down and doors open. Intrigued with the benefits of LED technology but fearful of the costs, they ultimately discovered Evergy's Business Energy Efficiency Incentives Program was the perfect solution.

"Evergy's Business Energy Efficiency Incentives Program has been a great experience for us. Our members are excited about the how well the LED lighting looks and the amount of savings we are generating to put back into our community."

**Clifford Harper**  
Director of Operations

#### Challenge

A large facility of 200,000 square feet, combined with seven days a week of operating hours meant that Pleasant Valley's utility costs were continuing to increase. Church leadership was concerned with how to keep the electricity on and doors open.

Director of Operations Clifford Harper was interested in LED technology but thought the cost to convert their entire facility was more than they could afford. Then he heard about the Business Energy Efficiency Incentives Program and was approached by local Trade Allies Mark One Electric and LED2.

"While working with Mark One Electric and LED2," Harper stated, "we were able to put a proposal together that justified us moving forward. The costs were mitigated through Evergy's incentives, ensuring Pleasant Valley could move forward with the upgrades. We would have never been able to do this without the incentive portion."

#### By the Numbers

##### Facility type:

Religious and community service

##### Facility size:

200,000 sq. ft.

##### Measures:

Interior and exterior LED lighting upgrade

##### Estimated annual electric savings:

\$71,024

##### Estimated annual energy savings:

746,980 kWh



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## Results

"We have already seen a reduction in our utility bills, in a four- to five-month period with an estimated \$18,000–\$20,000 in savings, and estimated that the project would have a payback of about 2.5 years," Harper reports. "By using LED technology, we are experiencing less rise in room temperatures due to less heat being emitted, especially in our Worship Center, where we previously had 500 watt fixtures and now have approximately 100 watt fixtures." Harper is also pleased that Pleasant Valley has benefited from a reduction of in-house labor maintenance costs and inventory due to the longer lasting LED lighting, and that the church is now helping reduce the load on the local power grid.

"We have received positive feedback from our members on how engaging the LED lighting looks. They are also excited about the savings we are now generating as a church and are able to do more with this money to grow our community and ministries."

**Clifford Harper**  
Director of Operations



**LED  
technology**

**\$71,024**  
*estimated annual savings*

Several other churches and community organizations have contacted Harper to learn about the Business Energy Efficiency Incentives Program and start projects of their own. Ultimately, Harper couldn't be happier about the church's partnership with Evergy, adding: "Overall, this has been a great experience for us and hopefully the next generation will benefit from what we have done."

## GET STARTED SAVING

Join Pleasant Valley and thousands of other businesses saving money and energy by utilizing Evergy Incentives. Contact your preferred contractor, Trade Ally or business development representative below, call (866) 847-5228 or email [businessrebates@evergy.com](mailto:businessrebates@evergy.com) for more information on all available incentives.

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