

SRP COMMERCIAL BUSINESS CASE STUDY: SAINT DANIEL THE PROPHET CATHOLIC CHURCH



From left, Father Thaddeus McGuire, Pastor; Terry Valerio, SRP Strategic Energy Manager; and Rick Silvas, Maintenance Supervisor

LET THERE BE LIGHT

Saint Daniel the Prophet Catholic Church was named an SRP Champion of Energy Efficiency due to the success of its recent lighting upgrade project, completed with help from the SRP Business Solutions Program.

AN OVERVIEW

Thanks to SRP's Standard Business Solutions program, commercial customers can benefit from energy-efficient lighting technologies and receive rebates to keep costs low.

Businesses can improve operations, productivity and security while optimizing energy usage through the Lighting Solutions component of SRP Standard Business Solutions. This program offers rebates for:

- › ENERGY STAR®, DesignLights™ Consortium or Lighting Design Labs approved LED fixtures and lamps
- › Qualified lighting controls

Rebates are available for retrofit and new construction projects.

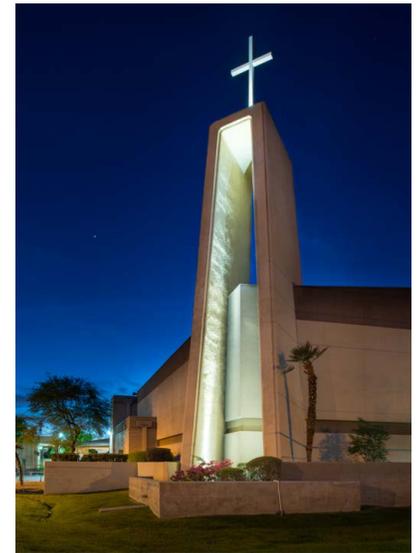
EFFICIENT COMMERCIAL LIGHTING SYSTEMS

Efficient commercial lighting systems:

- › Use less energy and lower your electric bill
- › Produce less heat, which can lower air-conditioning costs
- › Require less maintenance
- › Enhance the appearance of facilities and products
- › Improve employee and customer comfort with less lighting flicker
- › Address spaces that are over-lit
- › Reduce your carbon footprint

Saint Daniel the Prophet Catholic Church is proud to have been named an SRP Champion of Energy Efficiency in the nonprofit category. "We are excited to be able to show off our trophy, and even more so that we have demonstrated to the community that we are good stewards of both the parish finances and the environment," said Debbie Venezia, Parish Manager.

The parish's successful energy efficiency project encompassed a widespread replacement of outdated lighting and the addition of newer lighting technology throughout the interior and exterior of the 36-year-old campus.



With the electric bill being a major portion of the church's budget and the parish's constant search for ways to cut costs while continuing to provide worthwhile programs and services for parishioners, Father Thaddeus McGuire and Venezia were very interested in the SRP Business Solutions Program.

SAVING ENERGY AND REDUCING COSTS

During the project, the church campus underwent a comprehensive lighting retrofit that included replacing old T12 lighting with new efficient LED lighting on the interior; providing superior visibility outside; and adding spot lighting to improve the overall aesthetics of special religious artifacts.

The total project cost for Saint Daniel's was \$3,486 after receiving a rebate totaling \$10,934 from SRP. Saint Daniel's electric bill was 26% less than it was the previous year, and they will see an estimated 46% annual energy savings overall.

BENEFITS BEYOND MONTHLY SAVINGS

The visibility of precious religious statues and paintings was greatly improved by the lighting upgrade. Venezia noted, "Some people even thought the stations of the cross were new, but they had been there the whole time and now they were just easier to see — and in great detail!"

The pinnacle of the award-winning lighting project was that they were able to light up the church steeple for the very first time.

In addition, the new lights emit substantially less heat than the old lights. Another benefit is the huge improvement to campus safety. The exterior illumination makes the campus much safer for everyone, including children attending evening classes and elderly parishioners with impaired vision. With newer technology, maintenance costs will drop by as much as 90%, and lamp power has decreased by 65%–90%.



SAVING POWER AND MONEY

Project: Saint Daniel the Prophet Catholic Church

Customers: Father Thaddeus McGuire, Parish Pastor, and Debbie Venezia, Parish Manager

Measures: Lighting upgrades (interior and exterior)

Project Savings: 46% annual energy savings; 135,594 kWh/year; and 90% reduction in maintenance costs

Project Implementation Cost: \$3,486 after rebates from SRP of \$10,934

Most importantly, the money saved through the rebate program can go back into the parish. "First, it has reduced our electric bill, so the money we have been able to save has allowed us to use those funds in other more pastoral areas. Second, we've provided a better setting in which our people can worship," said Father McGuire.

SRP BUSINESS SOLUTIONS OFFERS FULL PORTFOLIO OF REBATE PROGRAMS

SRP Business Solutions offers a wide range of energy efficiency opportunities to help commercial and industrial customers save energy and money. The program is designed to help customers better manage energy usage and increase energy efficiency while taking advantage of the latest energy-saving technologies. Most measures and projects require preapproval before equipment is ordered, purchased or installed. Contact SRP before beginning any potential project for which you intend to apply for a rebate.

Specific details and program applications are available at savewithsrpbiz.com or by calling the program hotline at (602) 236-3054.



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