



Calvary Church



Bob Johnson, Executive Pastor, Calvary Church

Energy Management is Part of the Mission at Calvary Church

Covering a full city block and serving a community numbering 5,000 and growing, Santa Ana's Calvary Church is a bustling mix of offices, worship spaces, a 2,700-seat auditorium, meeting rooms, classrooms, and even a gym and a bookstore. The church's mix of spaces, functions and purposes presents diverse opportunities for personal growth and fulfillment to the members, but it also offers some challenges to the people who manage Calvary's facilities.

"Sound energy management," says Executive Pastor Bob Johnson, "is critical to the church's success. The more we spend on utilities, the less we can invest in staffing and ministry — the things we're called to do," he says. "Managing energy wisely with Southern California Edison (SCE) is an issue of stewardship for us."

Power Tools: SCE Express Solutions and Customized Solutions

SCE has helped Calvary Church take control of energy usage in its older buildings. A campus-wide energy

audit detected inefficiencies in air conditioning and lighting that could be addressed with SCE's Express Solutions and Customized Solutions Programs. "With Express Solutions," says church member and consultant Doug Littlejohn, "we upgraded lighting and saved about \$2,000 per month. Relamping to compact fluorescent lighting (CFLs) gave us something like 70% more illumination at about 30% of the previous cost. We upgraded the computerized HVAC control in our big auditorium. The utility bill for that building alone once equaled the energy outlay for the rest of the campus. Now that bill is actually coming down."

"Most of our facilities date from a time when energy efficiency wasn't a concern," Pastor Johnson continues. "Now energy is second only to payroll in our budget, and we don't want to compromise our calling by wasting money. With SCE's help, we're tightening down on wasted electricity, and gaining savings on our campus zone by zone, room by room."

Estimated Savings by Managing Energy

- *Location:* Santa Ana, CA
- *Industry:* Faith-Based
- *SCE Programs Utilized:* Express Solutions and Customized Solutions
- *Results:* Saved 126,002 kWh with a Customized Solutions incentive of \$9,760 by installing lighting controls; saved 23,710 kWh/year and received an Express Solutions incentive for \$4,381 by installing energy-efficient lighting and signage

ESTIMATED ANNUAL SAVINGS

\$13,000+

Energy Management Success Story

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Meeting the Challenges of Growth

"Calvary Church's energy-management challenge going forward is two-fold," says Pastor Johnson. "We want to design new facilities with energy efficiency built in during the planning stages, and eliminate the inefficiencies of our older buildings. We've been working hand-in-glove with SCE to take advantage of every cash incentive and program — our SCE representative has helped us understand our entire campus from the energy standpoint, and we use SCE EnergyManager® Basic to help us recognize the costs of electricity use. We've cut the kilowatt hours we use without compromising the work we do here sixteen hours a day, every day."

Near-Term and Long-Term Investments for Electricity Savings

"Most churches don't look at this from a business perspective," concludes Pastor Johnson. "But they're coming around using the information being shared through organizations such as the National Association of Church Business Administrators. If you invest up front in energy management, the savings are significant, both long term and even in the near term. Time flies — if you can get a savings return on a sound energy investment after a year or so, it's worth doing. We've absorbed the recent rate increases by making our buildings more efficient. You can't make rate increases go away, but you can do battle."



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Earn Even More Savings with Other SCE Offerings

Southern California Edison offers a range of energy management solutions to help you better manage your electricity costs.

- Purchase qualifying energy-efficient equipment or technologies and receive incentives and rebates through SCE's Express and Customized Solutions.
(800) 736-4777
www.sce.com/Express_Solutions
www.sce.com/Customized_Solutions
- Save more with SCE's Demand Response Programs such as Demand Bidding Program and Critical Peak Pricing, which offer low cost ways to reduce your electrical bill for agreeing to temporarily reduce electricity usage during peak hours.
(866) 334-7827
www.sce.com/drp
- Use Savings By Design for project assistance and financial incentives for the design and construction of energy-efficient buildings and installation of high-efficiency building systems.
(800) 338-8502
www.savingsbydesign.com
www.energydesignresources.com
- Use Web-based tools such as SCE EnergyManager® Basic, SCE Cost Manager® and SCE Bill Manager® to monitor and track your electricity usage.
(888) 462-7078
www.sce.com/energymanager



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