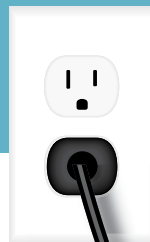




Energy Management Success Story



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 Efficiency and Standard Performance Contract Programs

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 Efficiency and Standard Performance Contract Programs. "With the Express Efficiency Program," 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."

Savings by Managing Energy:

- **Saved 23,710 kWh/yr and received an incentive for \$4,381** by installing energy-efficient lighting and signage with **SCE's Express Efficiency Program**
- **Installed lighting controls and saved 126,002 kWh with an incentive of \$9,760** using **SCE Standard Performance Contract Program**

Bob Johnson, Executive Pastor,
Calvary Church





“The more we spend on utilities, the less we can invest in staffing and ministry—the things we’re called to do. Managing energy wisely is an issue of stewardship for us.”

Bob Johnson, Executive Pastor, Calvary Church



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[®] 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.”

Like Calvary Church, you can save money on electricity:

- **Use SCE’s Express Efficiency Program** or other energy efficiency programs for cash incentives on energy-saving hardware and equipment.
- **Ask how SCE Standard Performance Contract Program** can return cash and savings for energy-saving retrofits.
- **Use Web-based tools such as SCE EnergyManager[®], SCE Cost Manager[®] and SCE Bill Manager[®]** to monitor your electricity usage in real time and over the long term.

For More Information

Southern California Edison offers a range of programs such as cash incentives, energy surveys, and payment options to help you better manage your electricity costs. To learn more, please contact your SCE account representative, call (800) 990-7788, or visit us at www.sce.com.

Learn more about how to save energy and save money:

Express Efficiency

www.sce.com/express
800-736-4777

Standard Performance Contract

www.sce.com/spc
800-736-4777

Savings By Design

www.savingsbydesign.com
www.energydesignresources.com
800-338-8502

This case study is provided for your general information and is not intended as a recommendation or endorsement of any particular product or company. Funding for this case study is provided by California utility customers and administered by SCE under the auspices of the California Public Utilities Commission.