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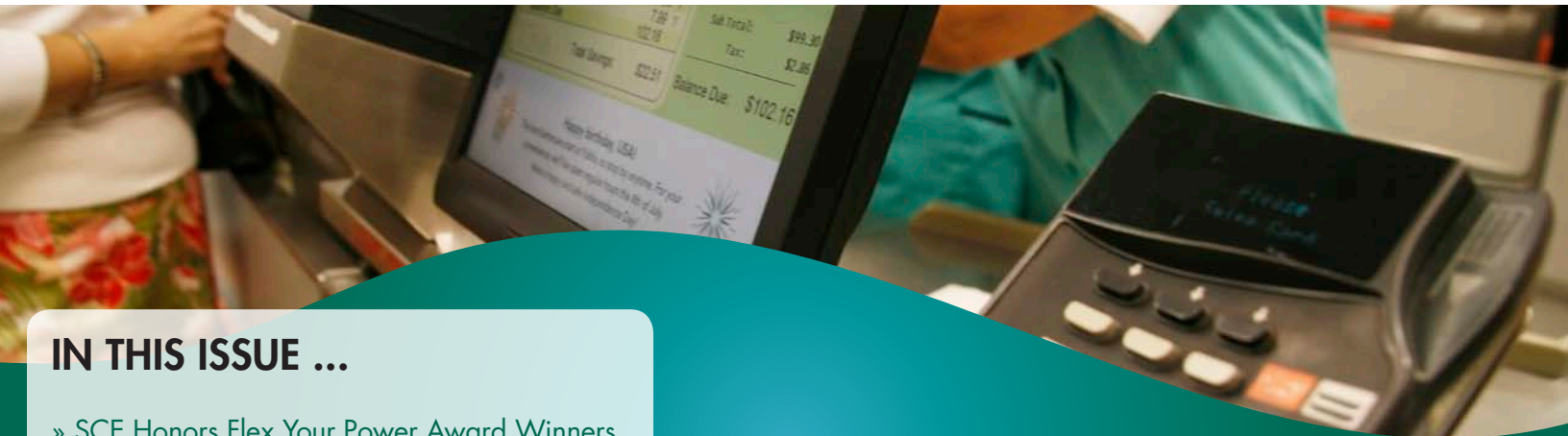
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**COMMERCIAL SEGMENT EDITION**

SOUTHERN CALIFORNIA EDISON

# POWER BULLETIN

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## SCE Honors Flex Your Power Award Winners

Southern California Edison (SCE) recently held an event at its Customer Technology Application Center Energy Center to celebrate 20 local business customers' recognition as 2008 Flex Your Power award winners for outstanding results in the areas of energy efficiency and demand response.

Throughout the state, the 2008 Flex Your Power award winners have collectively saved more than \$227 million, 1.5 billion kilowatt hours (kWh) of energy and 122 billion gallons of water, plus have reduced greenhouse gas emissions by 1.3 billion pounds. One of SCE's most applauded winners is the University of California, Irvine, a Best Overall Award winner, which leads the way in energy efficiency with nearly 12 million kWh in savings from 2006 through 2008.

SCE President John Fielder and other top officials thanked customers for reducing strain on the electrical system at peak times, and for helping to ensure reliability in our communities. In addition, they recognized customers' success in energy efficiency and demand response programs as an essential contribution toward management of the state's energy load.

Initiated in 2001, Flex Your Power is a partnership of California's utilities, residents, businesses, government agencies and nonprofit organizations

working to creatively save energy. Visit [www.fypower.org/feature/awards/6th/](http://www.fypower.org/feature/awards/6th/) to see all of the winners. Also contact your account representative and visit [www.sce.com](http://www.sce.com) to learn how you can save energy and money and improve your bottom line.

#### SCE Customers: Flex Your Power Award Recipients

Congratulations to the following SCE commercial segment customers, all of which received 2008 Flex Your Power awards for saving energy and money:

- AmeriCold Logistics LLC
- The Church of Jesus Christ of Latter-Day Saints
- Furnace Creek Inn and Ranch Resort
- Macy's West
- Maguire Properties
- Mohawk Industries
- The Target Corporation

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## Tips to Save Energy and Money With Electric Transportation Equipment

With the number of electric-powered vehicles on the horizon and non-road equipment in Southern California continuing to grow, SCE is "leading the way" in developing and supporting energy-conserving, cost-effective electric-drive technology solutions for customers. These technologies can benefit customers and our region by lowering greenhouse gas and air pollution emissions, lessening dependence on unstable sources of foreign oil, and offering use of a domestically produced, lower-cost non-petroleum fuel.

## Energy Savings for Non-Road Equipment

About 70,000 electric-powered non-road units already operate in SCE's service territory. These include forklifts, golf carts, airport ground support equipment and more, and require about 100 megawatts (MW) of on-peak battery charging.

In recent years, SCE has provided energy-saving solutions for more than 250 manufacturing, warehouse and golf course customers, identifying over 20 MW of load that could be shifted to off-peak hours, with minimal impact to business, based on each company's actual battery charging load profile measurements.

Customers with non-road electric-drive technologies can save by:

- Using time clocks or installing energy management systems (EMS) to delay charging until after 6 p.m. An EMS can also be used to lower costs for plant processes like lighting and HVAC;
- Using the same time clock or EMS to de-energize a charger when it's not in use, since idle chargers can still draw electrical current;
- Checking into new golf carts powered by AC electric motors – and battery chargers that together offer up to 40% better efficiency than today's models;
- Investing in sophisticated battery management systems to minimize power costs while maintaining fresh battery availability; and
- Signing up for one of SCE's Time-of-Use rates for electric-drive technology operators.

## Innovations in On-Road Vehicles

SCE's ISO 9001 Registered Electric Vehicle Technical Center is one of only two U.S. test sites recognized by the Department of Energy (DOE) to evaluate electric vehicle baseline performance, vehicle and fleet operation.

Completing a major milestone late last year, the Center demonstrated plug-in hybrid-electric battery cycle-life performance equivalent to more than 180,000 miles in a commercial delivery van simulation with minimal battery deterioration. Based on these results, the DOE has asked SCE to test and evaluate a full-size lithium-ion battery for viability in a passenger car.

As a next step in its electric transportation work, SCE constructed a "garage of the future" test platform to evaluate the benefits of integrating renewable energy sources with mobile and stationary energy storage devices, on-site generation of renewable energy, and the next-generation of smart appliances and meters. SCE will use the test results to enhance the electric grid's quality, reliability and cost-effectiveness through the convergence of electricity and transportation.

To learn more about how you can benefit from SCE's electric transportation programs, contact your account representative or visit [www.sce.com/ev/](http://www.sce.com/ev/).

### COMMERCIAL SEGMENT FOCUS

## Calvary Church Makes Energy Management Part of the Mission

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 those who manage Calvary's facilities.

Sound energy management, said Executive Pastor Michael Welles, is critical to the church's success. "The less we spend on utilities, the more we can invest in ministry to our community – the things we're called to do," he noted. "Managing energy wisely with SCE is a stewardship issue for us."

## Using SCE's "Power Tools"

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," said 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 are decades old and did not use the energy-efficient technology available today," Pastor Welles continued. "Since our energy costs are second only to payroll in our budget and the economy around us continues to deteriorate, we don't want to jeopardize our ministry activities by wasting money. With SCE's help, we're tightening down on wasted electricity, and gaining savings on our campus room by room."



Santa Ana Calvary Church Executive Pastor Michael Welles said, "We've stemmed the tide of rising energy costs over the past five years by implementing various SCE energy incentive programs and are continually looking for new creative options."

## Meeting the Challenges of Growth

"Calvary Church's energy management challenge going forward is two-fold," said Pastor Welles. "We are working on the design of some new facilities with energy efficiency built in, and working to eliminate the inefficiencies of our older buildings."

He added, "We've been working with SCE to take advantage of every cash incentive and program – our SCE representative, currently Damon Hannaman, has helped us understand the unique needs of our entire campus from an 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 16 hours a day, every day."

## Making Near- and Long-Term Investments

"Many churches do not think of the long-term benefits of a sound energy management program from a double-green perspective – both Earth and fiscal stewardship," concluded Pastor Welles. "But they're coming around using the information being shared through organizations such as the National Association of Church Business Administrators. We've stemmed the tide of rising energy costs over the past five years by implementing various SCE energy incentive programs and are continually looking for new creative options."

To learn more about SCE's energy management programs to help you save energy and money, contact your account representative or visit [www.sce.com](http://www.sce.com).

### Calvary Church: Savings By Managing Energy

- Saved nearly 24,000 kilowatt-hours per year and received an incentive of almost \$4,400 by installing energy-efficient lighting and signage with SCE's Express Efficiency Program.
- Installed lighting controls and saved 126,000 kilowatt-hours with an incentive of more than \$9,700 using SCE's Standard Performance Contract Program.