



SOUTHERN CALIFORNIA
EDISON[®]

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SCE Home Page

– www.sce.com

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– www.sce.com/ctac
– www.sce.com/agtac

Statewide Transmission System Status

– www.caiso.com

Utility Regulation

– www.cpuc.ca.gov
– www.energy.ca.gov

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COMMERCIAL SEGMENT EDITION

SOUTHERN CALIFORNIA EDISON

POWER BULLETIN

VOL. 8 No. 11 November/December 2008

New Renewable Energy Projects Help SCE Meet Power Demands

Continuing its support for California's aggressive environmental policies, Southern California Edison (SCE) is completing construction of a solar-generation project that will add clean, renewable energy into the electric system, helping to build a smarter, cleaner, more efficient grid for the future.

Consisting of 33,000 solar panels on a commercial rooftop in Fontana, the project is the first phase of a massive installation that will be constructed atop 150 roofs throughout Southern California. Power generated from the rooftops will feed directly into the nearest SCE distribution circuits, also strengthening grid reliability in the Inland Empire and meeting the energy needs of the nation's fastest-growing urban area.

When completed, this will rank as the largest solar-generation project in the world, capable of generating under peak conditions 2 megawatts (MW) of power, and providing a critical boost to the summer peak power needs of Southern California.

Renewable Energy Procurement

In August, SCE signed a 20-year contract to provide up to 909 MW of wind power from North-Central Oregon and will commence operations between 2011 and 2012. This project will require no additional or upgraded transmission lines, enhancing its benefits.

SCE leads the nation in renewable power delivery, procuring about 12.5 billion kilowatt-hours of renewables in 2007, more than any U.S. utility. Currently, SCE serves nearly 16% of its customers' needs with renewable power, and continues to work toward meeting the California renewable portfolio standard requiring that it produce at least 20% of its electricity supply from renewable sources by 2010. SCE's focus on cost-effective renewables and cutting-edge upgrades will contribute to a grid that operates smarter, cleaner and more efficiently.

To learn more about SCE's renewable energy initiatives, log onto www.sce.com/PowerandEnvironment/Renewables.

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Supply-Demand: Looking Back

As SCE looks ahead to procuring more renewable energy to meet customers' energy needs as cleanly and efficiently as possible, it looks back on a relatively mild summer in which it reached its peak demand (22,020 MW) in June. (SCE's all-time system peak of 23,303 MW occurred on Aug. 31, 2007.)

Despite a summer that did not see major heat storms, SCE still tapped into some of its demand response interruptible programs to meet power needs when transmission or distribution issues occurred that impacted the power delivery grid.

Even though this summer provided some temperature relief, that does not mean next summer will do the same. Contact your account representative to discuss 2009 energy efficiency and demand response programs that can enable you to help keep the electrical system "whole" and save energy and money, especially given anticipated rate increases in the first quarter of 2009. For more information on all of SCE's programs to assist you in improving your bottom line, visit www.sce.com/RebatesandSavings/LargeBusiness/.

Put Your Energy Into Holiday Savings

Here are some simple tips to help you celebrate the holiday season more efficiently and safely:

Efficiency Tips:

- Select more efficient LED (light-emitting diode) or miniature lights, or use lower-watt bulbs as replacements for standard strings.
- Set holiday lights on a timer so they do not stay on longer than needed.
- Replace standard lighting with compact fluorescent bulbs, halogen lamps and high-intensity discharge lights (HIDs) for year-round savings.

Safety Tips:

- Only use UL (Underwriters Laboratories Inc.)-approved lighting and cords.
- Do not insert nails or tacks through any electrical cords, and replace damaged, brittle or frayed cords.
- Keep electrical connectors off the ground and away from moisture.
- Never use lighted candles on trees or decorations.
- Keep holiday lights away from carpeting, furniture, drapes or other combustible materials.

For more information on energy efficiency and safety, visit www.sce.com.

Express Efficiency Program Update for 2009

Thinking of participating in the Express Efficiency Program in 2009? Once you have decided which qualified energy-efficient equipment you wish to purchase and you are ready to participate, you must begin by reserving your rebate. Ask your account representative for details, and visit www.sce.com/express for updates.

COMMERCIAL SEGMENT FOCUS

Green Focus Means Savings for Westfield Shopping Centers

Note to readers: SCE's energy efficiency programs continue to be among the most successful in the nation. As SCE reaches the close of the current three-year funding cycle, many rebate programs are now fully subscribed and funds have been exhausted. Please talk to your account representative about planning for program participation in 2009.

"Green for us is a double entendre," said Jack Gillett, operations manager at Westfield Santa Anita shopping center in Arcadia. "'Green' in the sense of being environmentally responsible is also 'green' as in sound management and improved profitability. Nowadays the two are inseparable. The perception used to be that being 'green' involved financial sacrifice. That's exactly the opposite of what we know now."

He added, "Westfield is known as an environmentally progressive company, and we don't just pay lip service to the idea. Working green means practical, measurable steps in cutting waste, reducing our energy needs, and getting a better return on every dollar we spend for electricity. SCE, through our account manager, Cynthia Davis, offers us a practical way to achieve all those goals through its Standard Performance Contract, Express Efficiency and Demand Response Programs."

A Two-Step Approach to Savings

The programs make what Gillett called "two steps that add up to green performance and savings." Step One: under SCE's Standard Performance Contract and Express Efficiency Programs, all of Westfield's properties in SCE's service area received cash incentives for removing aging lighting and upgrading to new, energy-efficiency lamps. Relamping at the Santa Anita and Palm Desert malls (2 million and 1 million square feet, respectively) took about six months each from start to finish, immediately delivering improved appearance and cash incentives.

"We replaced obsolete T12 fluorescent lighting with pulse-start metal halide lamps, electronic T8 lamps, high-pressure sodium, compact fluorescents and LED exit signs," said Gillett. "If we hadn't done it all at once, we'd have had to make piecemeal fixes that would end up being more expensive and give a poor appearance."

The hardware improvements were invaluable in helping Westfield aggressively participate in Step Two, SCE's Internet-based Demand Bidding Program (DBP), which offers qualified customers the opportunity to receive bill credits for voluntarily reducing load when a DBP event is called.

As a result of this two-step approach, Westfield achieved more than 2.5 million kilowatt-hours (kWh) in savings from its lighting upgrades in Santa Anita and Palm Desert, and earned sizable financial incentives for dropping as much as 870 kWh during DBP events.

Energy Management for a "Small City"

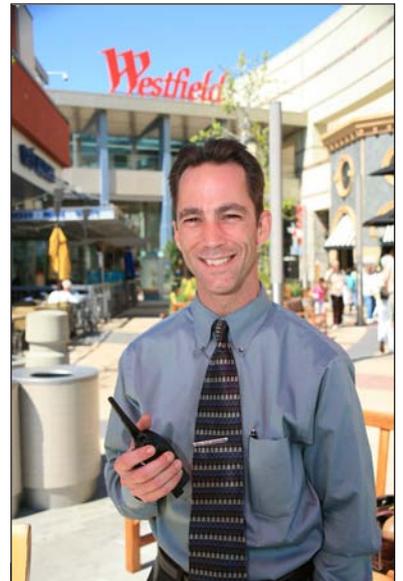
"Westfield shopping malls are like small cities," Gillett added. "We have thousands of visitors every day. The flexibility we get with these upgrades enables us to light and cool areas very selectively, depending on time of day and usage, so we're spending our energy dollars exactly where and when they're needed. And we can make online bids for savings through DBP, including standing bids."

Four Westfield shopping centers also previously participated in a demonstration of high-efficiency LED lights on their mall trees for the holidays. These lights provide energy savings of 91% compared to incandescent lights and last much longer, making them a smart investment. Westfield now continues to use LED lighting during the holiday season, and year-round on exterior mall entrance trees.

Savings and the Business Culture

"Our management has been very supportive of green measures," Gillett said. "We'd never compromise customer comfort or the appearance of our malls, but if we're facing rising energy rates, we need to look for savings in places we didn't always look before."

"Taking part aggressively in demand response has become a focus of our efforts. We don't just shed load when there's a DBP event; we do it whenever we can. There's no downside to this. A company just has to make the commitment in the beginning and stand by it; working green and saving green have to become part of the culture."



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