



SOUTHERN CALIFORNIA  
**EDISON**<sup>®</sup>

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Contact your account representative for additional information and assistance.

QUICK LINKS TO FIND ENERGY INFO

**SCE Home Page**

– [www.sce.com](http://www.sce.com)

**Energy-Related Learning**

– [www.sce.com/ctac](http://www.sce.com/ctac)  
– [www.sce.com/agtac](http://www.sce.com/agtac)

**Statewide Transmission System Status**

– [www.caiso.com](http://www.caiso.com)

**Utility Regulation**

– [www.cpuc.ca.gov](http://www.cpuc.ca.gov)  
– [www.energy.ca.gov](http://www.energy.ca.gov)

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**GOVERNMENT 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](http://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/](http://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](http://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](http://www.sce.com/express) for updates.

## GOVERNMENT SEGMENT FOCUS

## Sun Pacific Saves Energy, Grows Bottom Line With SCE's AP-I

Sun Pacific is North America's largest grower/shipper of kiwis, and the largest grower in the United States for navel oranges. The company is the second-largest grower of tomatoes in California. It also grows renowned table grapes and tree fruit, and its beloved Clementines are a seasonal specialty. Sun Pacific packs and ships over 35 million boxes of fruit worldwide. SCE's AP-I (Agricultural and Pumping Interruptible) Program helps the company grow its profits as well.



Sun Pacific Farm Manager Ed Lorenzi said that SCE's Agricultural and Pumping Interruptible Program and Time-of-Use rates saved the grower/shipper about 30% on its electric bills last year.

"As we've seen over the years," explained Farm Manager Ed Lorenzi, "the price of everything goes up, including electricity. Anything we can keep in our pockets helps, and if we can reduce demand for electricity, that's money that isn't coming off our bottom line. We can't just pass costs along – produce is a buyer's market, not a seller's market. So, we'd have to absorb the costs if we mismanage our electricity expenses. The AP-I Program and Time-of-Use rates saved us about 30% on our bills last year."

## Green Growing Means Green Savings

SCE's AP-I Program provides a monthly per-kilowatt-hour credit to eligible agricultural and pumping customers (with a measured demand of 50 kilowatts or greater or at least 50 horsepower of connected load) who allow SCE to temporarily interrupt electric service to their pumping equipment in times when SCE needs to implement load reductions in its service territory. Interruption events are limited to six hours per event, 25 events per calendar year, or 150 hours per calendar year.

Beyond the dollars savings there's an additional benefit to these programs. Lorenzi said, "Managing electricity consumption and costs with these SCE programs offers us a way to do something good for the environment as well."

He added, "Anyone in the agriculture business needs to be concerned about the environment. This land is where we make our living, so we know it's essential to take care of it. The main thing we can do, reducing our power use or shifting some of it to off-peak hours, helps us all."

For more information about the AP-I and SCE's wide array of demand response programs, which offer financial incentives in exchange for shifting or reducing energy use during critical energy demand periods, visit [www.sce.com/drp](http://www.sce.com/drp).

## Sun Pacific: Estimated Savings By Managing Energy

- » **Location:** Porterville, Terra Bella and Ducor
- » **Industry:** Agriculture
- » **Account Representative:** Patrick Day
- » **Savings to Date:** 30% of annual electricity cost vs. baseline single-year cost
- » **SCE Programs Utilized:** Agricultural and Pumping Interruptible (AP-I) and Time-of-Use (TOU) rates
- » **Results:** More cost-effective operations, competitive pricing and environmental benefits



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