



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

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Contact your account representative for additional information and assistance.

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**SCE Home Page**

– [www.sce.com](http://www.sce.com)

**Energy-Related Learning**

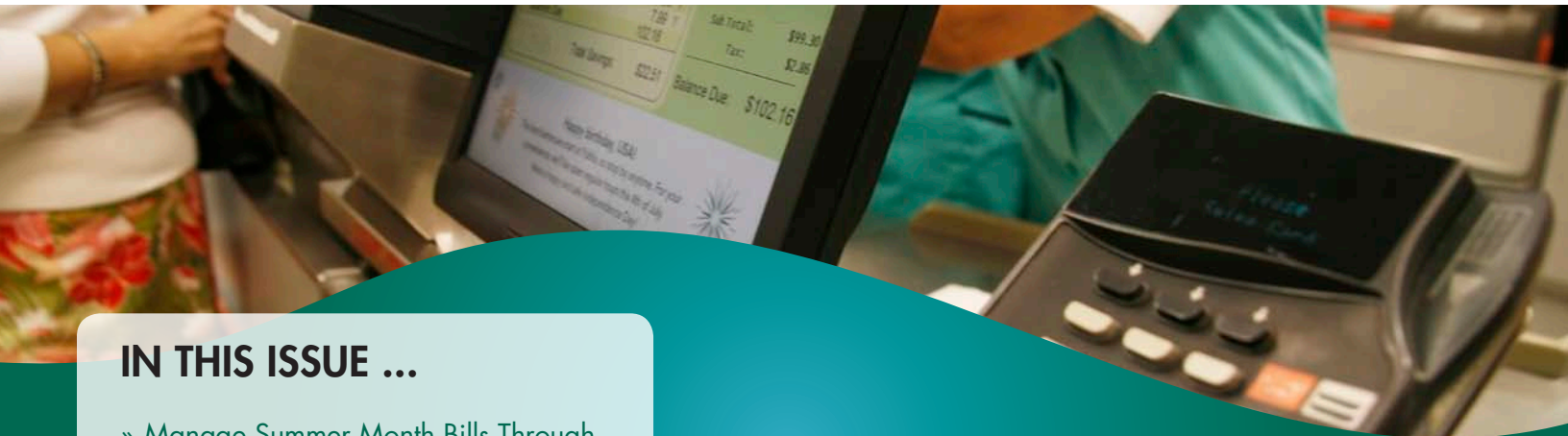
– [www.sce.com/ctac](http://www.sce.com/ctac)  
– [www.sce.com/agtac](http://www.sce.com/agtac)

**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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**POWER BULLETIN**

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**COMMERCIAL SEGMENT**

**Manage Summer Month Bills Through Critical Peak Pricing**

Southern California Edison's (SCE) summer season rate schedules take effect June 1, 2010, and that means you may find opportunities to further manage your bill with Critical Peak Pricing (CPP), the default rate for bundled service customers with demands greater than 200 kilowatts (kW).

CPP rewards customers for reducing or shifting electricity usage during nine to 15 summer critical peak events—when the demand and price for electricity climb. If you plan now to reduce energy load during these periods or shift usage to lower-demand times, you may save money on your electric bills.

**CPP Participation Benefits**

With CPP, you receive two significant benefits:

- Reduced monthly on-peak demand charges throughout the summer season (June 1 to Oct. 1 for 2010).
- Bill protection for the first 12 consecutive months on a CPP rate. This ensures the total amount you pay on CPP during your first year will not be more than the amount you would have paid on your base rate. If you pay less on CPP for your first year than the amount you would have otherwise paid, the savings are yours to keep.

In the summer months, SCE will contact you the day before a CPP event (based on the day-ahead energy market price, demand forecasts, temperature or other system factors) to ask you to reduce energy usage. You will be responsible for providing your contact information to SCE in order to receive event notices. During each CPP four-hour event, your energy charges will increase significantly. By reducing electricity use during these events, you can avoid these higher prices and may improve your bottom line, while also helping lessen greenhouse gas emissions.

**Demand Response Technology Incentives**

To help identify opportunities to participate in demand response programs like CPP, SCE offers free site assessments and engineering evaluations through the Technical Assistance and Technology Incentives Program (TA&TI).

TA&TI also provides incentives up to \$300 per kW of verified load reduction to offset the purchase and installation costs of equipment and control systems that automatically reduce energy consumption during demand response events. Automated Demand Response, or Auto-DR, greatly simplifies participation in CPP, with flexibility and ease-of-use that allow you to pre-select your level of participation and automatically take part in demand response.

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## Integration of Energy Efficiency

You also may have the opportunity to combine your Auto-DR technology incentive with energy efficiency incentives to cover more of your project cost for Auto-DR enabling equipment. Keep in mind that energy efficiency and demand reduction can work hand-in-hand to help you further reduce your energy costs and make it even easier to participate in CPP.

By investing in or making enhancements to an energy management system, installing lighting with dimmable ballasts or putting variable frequency drives on motors, you may increase your capability to take part in CPP or another demand response program.

For more information on CPP and Auto-DR, as well as strategies for on-peak load reduction and other demand response program options, contact your account representative. Also visit [www.sce.com/drp](http://www.sce.com/drp) for additional details.

### Tips to Reduce On-Peak Energy Use

As summer arrives, keep in mind these tips to reduce electric load during on-peak periods to improve your bottom line and help ensure adequate electricity supplies for your community:

- Turn off decorative and nonessential lighting and fountains.
- Raise cooling thermostat settings.
- Reduce use of multiple elevators and escalators.
- Delay dishwashing and laundry processes.

Contact your account representative to help develop your event curtailment plan or to discuss additional peak load reduction strategies to save energy, money and the environment.

## COMMERCIAL SEGMENT FOCUS

### Buena Park Cold Storage Cools Energy Costs With SCE Support

With energy a major cost for cold storage warehouse Buena Park Cold Storage, energy management is a primary focus. And thanks to an ongoing partnership with SCE to implement energy efficiency measures and participate in a demand response program, the company said today it is saving approximately \$200,000 annually on its electricity bill.

Buena Park Cold Storage purchased its frozen foods warehouse, initially about 110,000 square feet, in 2004. After occupying the building in 2005 and conducting standard repairs, the company turned its attention to energy-saving measures.

Since then, according to Manager Justin Mi, Buena Park Cold Storage has:

- Installed an energy management system to allow for pre-cooling and thus mitigate higher on-peak demand charges by limiting operation of warehouse equipment in late afternoon periods.
- Placed variable frequency drives on fan coils and installed new refrigeration compressors with variable frequency drives, allowing the company to run equipment at varying degrees of capacity while maintaining desired temperatures and minimizing energy costs.
- Implemented an interior lighting retrofit from 400-watt metal-halide lamps to more efficient T5 fixtures, not only saving on lighting costs, but also reducing cooling costs by greatly lessening the heat output from the old lamps.
- Joined the Critical Peak Pricing Program, which offers benefits for shifting or reducing energy use during critical peak events in the summer season.

"While we do try to reduce our carbon footprint, as well as help SCE meet its energy needs by reducing our power consumption, another primary draw for doing these projects was the cost savings associated with them," Mi said.

He added, "Though it required substantial capital to undertake the energy efficiency projects, the rebates we have received from SCE and our savings on our monthly utility bill made these projects a 'no brainer.'"



By working with SCE on energy efficiency measures and demand response program participation, Buena Park Cold Storage said it currently saves approximately \$200,000 annually on its electricity bill at its frozen foods warehouse.

### Expansion: Estimated Annual Savings of \$85,000

Buena Park Cold Storage's latest major energy management initiative involved an expansion of its warehouse by approximately 28,000 square feet, equal to an addition of 6,000 pallet spaces. The facility now can hold a total of 17,500 pallet spaces, equivalent to more than 30 million pounds of product.

The company completed the addition under the Savings By Design (SBD) Program, which provides design assistance and incentives for high-performance new building design and construction, as well as additions and major renovations.

With the help of SBD to incorporate highly energy-efficient technologies into its expansion, Buena Park Cold Storage's savings—above the Title 24 Energy Efficiency Standards baseline—are expected to total about 742,000 kilowatt-hours per year, or an estimated \$85,000 annually.

Mi credited SCE with helping to facilitate these projects to bring Buena Park Cold Storage incentives and bill savings.

"We have had a great experience working with SCE and our account executive, Damon Hannaman," Mi said. "He always has made us aware of any incentives that SCE is offering for any energy-saving projects, as well as followed up on any outstanding issues. During our recent freezer expansion project, we also worked with a number of other SCE representatives and had a great time working with all of them."

### Long-Term Proactive Energy Management

Mi said Buena Park Cold Storage very recently installed a new, more efficient 400-horsepower compressor for its freezer, and updated its control system. As he noted, "We have been and continue to be proactive in our energy management. We are always looking at new measures to increase our energy efficiency."

For more information on how you also can benefit from SCE's wide array of energy management programs and services, contact your account representative or visit [www.sce.com/solutions](http://www.sce.com/solutions).