

Use Less & Save – Cost Cutting Power Conservation Tips for Summer

Closely monitoring your electricity usage and making simple adjustments can help you lower energy costs and help reduce your monthly bill. With the summer months approaching, you can beat the heat and save money with these energy-saving tips.

Conserve electricity with energy efficiency:

- Install occupancy sensors in general usage areas to automatically turn off lights when unoccupied
- Replace incandescent or halogen lamps with LED lamps that last up to 10 times longer than regular incandescent bulbs
- Inspect and replace air-conditioner system filters regularly to allow better air flow and less power pull
- Insulate hot-water piping and increase insulation levels in walls and ceilings
- Install window film to reduce the solar heat gain in the summer
- Install programmable or occupancy sensor thermostats to shut down air conditioning during non-business hours
- Upgrade to high-efficiency copiers

Reduce electricity usage during on-peak periods:

- Raise your thermostat setting by a few degrees
- Cycle air conditioner units
- Pre-cool your building or refrigerated storage prior to events
- Turn off all unnecessary equipment when not in use
- Safely dim or turn off lighting
- Turn off non-essential or decorative lighting and fountains
- Use daylight in the afternoon
- Delay or reschedule non-critical batch processes
- Reschedule production that can be shifted outside of events
- Plan to perform periodic cleaning, maintenance, compliance training, or team meetings and strategically shut down operations during events
- Reduce the use of multiple elevators
- Delay or shift the use of non-essential processes and/or battery chargers to non-event hours
- Delay dishwashing and laundry processes.

SCE offers easy, practical ways that are customized for your type of business to help reduce electricity bills. For more ways to conserve energy, save money, and stay cool this summer check out our simple tips and strategies at www.sce.com/energytips.

Take our free Online Energy Survey. We provide a valuable, personalized report showing where your energy dollars are going, and how you can easily and quickly reduce usage to start saving now. For a free Online Energy Survey visit www.sce.com/businessadvisor.

Get ready for summer today with SCE's energy efficiency services and products and Demand Response programs to help improve your bottom line. To learn more, visit www.sce.com/solutions or contact your SCE Account Representative at (800) 736-4777.

CUSTOMER FOCUS

SCE's Energy Management Solutions Helped Coastal Pacific Save Energy and Money

Coastal Pacific Food Distributors participated in a variety of Southern California Edison's (SCE) Energy Management Solutions to help save energy and money at their Ontario warehouse, a 330,000 square foot temperature-controlled space. Bill Ellena, Corporate Maintenance Manager, and his team relied on energy efficiency and demand response solutions to achieve impressive results.



Coastal Pacific Food Distributors' Ontario warehouse

Energy Efficiency Solutions: Savings By Design, Express Solutions and Customized Solutions

The company took advantage of Savings By Design (SBD), which offers free technical support, financial incentives, and other recourses for qualified new construction, additions, major renovations, and tenant improvement projects. Ellena and his design team received help with designing his company's new freezer.



Coastal Pacific Food Distributors installed variable frequency drives (VFDs) on all dry motors and compressors in their new freezer

CONTINUED FROM FRONT

The company also participated in Express Solutions by switching from high bay lighting to fluorescent lighting, and as part of the Customized Solutions program, sensors were installed to only keep lights on when motion is detected in the facility. Also they installed variable frequency drives (VFDs) on all dry motors and compressors in the new freezer. Additionally, an existing freezer was retrofitted with VFDs. Coastal Pacific Food Distributors has already received incentives of over \$120,000 for the freezer project, and once the chill box is completed, they may obtain another \$70,000 in incentives.

Demand Responses Solutions: Critical Peak Pricing and Summer Discount Plan

Critical Peak Pricing (CPP), recently renamed to "Summer Advantage Incentive" (SAI), offers financial incentives in the form of modified rates for business customers who can reduce or shift their weekday power use when an event is called. "Our compressors are configured so I can optimize their output correctly for the work to get done," states Bill. "We used to run five; now I can keep two turned off, and run the optimal output combination. This flexibility gives me an opportunity to power down during scheduled CPP [SAI] events during the summer season."



Bill Ellena, Corporate Maintenance Manager, Coastal Pacific Food Distributors

Summer Discount Plan (SDP) also helps Coastal Pacific Food Distributors save money on electric bills and energy consumption. The plan works during the peak energy season from June to October, when electricity rates are highest. "At no charge, SCE provided and installed a 'cycling' device on our air conditioner," explains Ellena. When necessary, SCE uses a remote radio signal to activate the SDP device, which turns off, or "cycles," the compressor temporarily while leaving the fans running. In exchange, Coastal Pacific Food Distributors receives a credit on their summer season electricity bills. The program has options that let the company determine the amount of credit they receive based on the amount of cycling they select.

Energy Saving Results

Ellena adds, "With CPP [SAI], I use my laptop to start shutting down fifteen minutes before an event. There's been no compromise at all on our quality of service. We saved so much our management thought it might be a mistake. I had to explain, this is what we signed up for – that's the bill!" I can put on my performance review that I'm trying to beat my budget projection by 10%, and CPP [SAI] is one of the tactics I'll use. That's my goal. Making that kind of improvement in this market is how we're winning."

To see how Coastal Pacific Food Distributors saved, please watch the video at www.sce.com/businessvideos

Coastal Pacific Food Distributors: : Estimated Savings by Managing Energy

Location: Ontario, California

Industry: Warehousing/Cold Storage

SCE Programs Utilized: Express Solutions, Customized Solutions, Savings By Design, Summer Advantage Incentive (SAI) (previously known as Critical Peak Pricing), and Summer Discount Plan (SDP)

Incentives: Over \$190,000

Results: A total 12-month savings of \$60,000 (through avoided costs and actual savings by participation in CPP and SDP)

To learn more about SCE's Energy Efficiency offerings contact your account representative or visit

- o www.sce.com/drp
- o www.sce.com/express_solutions
- o www.sce.com/customized_solutions
- o www.savingsbydesign.com

Earn Even More Savings with Other SCE Energy Management Solutions

- Install SCE's Automated Demand Response (Auto-DR). It incorporates automated load control systems (an energy management system) to carry out Demand Response strategies and reduce energy load during peak hours, without manual intervention. (866) 238-3604 or visit www.sce.com/autodr.
- Use Web-based tools like SCE EnergyManager® to monitor your electricity usage in real time and over the long term. (888) 462-7078 or visit www.sce.com/energymanager.
- Take free SCE classes in lighting, HVAC, energy management and more at Edison Energy Education Centers. For assistance contact the Irwindale Center at (800) 336-2822, the Tulare Center at (800) 7720 3822 or visit www.sce.com/workshops.