



### 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)

### IN THIS ISSUE ...

- » Get 0% Financing to Pay for Energy-Saving Upgrades
- » Free Energy Efficiency Tools Available for Loan From SCE
- » Enjoy “Green” Savings With Solar
- » CPP Helps Put the Chill on Energy Bills for Mountain Water Ice (a Division of Arctic Glacier Inc.)

#### INDUSTRIAL SEGMENT

SOUTHERN CALIFORNIA EDISON

# POWER BULLETIN

VOL. 10 No.7 July 2010

## Get 0% Financing to Pay for Energy-Saving Upgrades

Southern California Edison (SCE) soon will offer a new On-Bill Financing program\* for qualifying energy efficiency projects. With On-Bill Financing, SCE can work with you to finance your energy efficiency project to help achieve your organization’s goals—because in today’s economy, staying competitive means reducing operating expenses while enhancing your bottom line.

Benefits of On-Bill Financing include:

- 0% interest loan
- No fees or loan costs
- Convenient loan repayment through your monthly SCE bill
- Financial incentives for installing qualifying energy-efficient equipment
- Lower monthly electricity costs from the installation of your energy efficiency project

Business (commercial and industrial) customers are eligible for loans of up to \$100,000 per customer with loan terms of up to five years. Government and institutional customers are eligible for loans of up to \$250,000 per customer with loan terms of up to 10 years. The amount of the monthly loan payment will be offset by the monthly bill savings resulting from your project.

With California’s growing population, increasing demand for energy, and the pressing need to reduce greenhouse gas emissions and improve our carbon footprint, you can help set the standard for efficiency and conservation.

SCE will begin accepting On-Bill Financing applications for new energy efficiency projects on Aug. 2, 2010.\* Funds are available on a first come, first-served basis. To find out how this program can work for your organization, contact your account representative or visit [www.sce.com/onbill](http://www.sce.com/onbill).

*\*The On-Bill Financing program terms and conditions may vary from those described herein pending final California Public Utilities Commission approval.*

### Free Energy Efficiency Tools Available for Loan From SCE

Did you know that you can borrow energy efficiency tools from SCE for FREE? The Tool Lending Library program provides energy efficiency tools to both California business owners and residential customers. These tools can assist you in better understanding your energy usage and in making more informed energy decisions.

Tools available for loan fall into the following categories, and include popular items like duct blasters, blower doors, thermal imaging cameras, the solar SunEye and an underground utility locator:

CONTINUED ON BACK

## CONTINUED FROM FRONT

- Energy/power
- Lighting, sound and infrared radiation
- Humidity, temperature and other environmental conditions
- Air, water and gas flow
- Physical measurements, acceleration, velocity and rotational speed
- Surveying, solar and miscellaneous

It's simple to borrow a tool; just contact SCE's Tool Lending Library at 800.772.4822 or visit SCE's Agricultural Technology Application Center (AGTAC) Energy Center in Tulare. We service the entire state of California and can ship a tool using your UPS or FedEx account. We also can have the tool sent through our company mail to any one of our public facilities for pickup. Our normal lending period is two weeks.

SCE plans to build Tool Lending Library interactive displays at both the AGTAC and CTAC (Customer Technology Application Center, in Irwindale) Energy Centers. This year we're scheduled to begin offering classes at the Energy Centers on using tools for energy/power audits, HVAC and solar. Soon to hit the scene also is a brand new tool catalog with photographs, manufacturers, model numbers and brief tool descriptions.

In the future, SCE intends to add a Tool Lending Library presence on [www.sce.com](http://www.sce.com), allowing you to request a tool, browse the interactive display or watch a short clip on available tools and their uses. We also provide information on the Tool Lending Library via Twitter and LinkedIn.

To learn more about the Tool Lending Library and how it can help you save energy and money, contact Library Manager Lisa (Dickerson) Kinney at 800.772.4822. For more information on all of the energy management and efficiency resources and solutions available through SCE's Energy Centers, log onto [www.sce.com/energycenters](http://www.sce.com/energycenters).

## Enjoy "Green" Savings With Solar

Are you interested in learning how a solar energy system can help lower your business' operating cost? Would you like to add more "green" to your business' bottom line and improve your company's reputation for environmental stewardship?

SCE currently offers a new California Solar Initiative Commercial Solar Workshop designed for energy managers who want to help their companies "go solar." Classes are available at SCE's Customer Technology Application Center (CTAC) Energy Center on Aug. 17, Sept. 15 and Oct. 14. All classes run from 8:30 a.m. to 11:30 a.m.

Topics covered include:

- Solar energy basics
- Benefits of installing solar energy and solar water heating systems
- Tax credits and other financial models that can help to reduce up-front costs

Pre-registration is required and space is limited. Visit [www.sce.com/ctac](http://www.sce.com/ctac) to view the complete course description and to register today.

## INDUSTRIAL SEGMENT FOCUS

### CPP Helps Put the Chill on Energy Bills for Mountain Water Ice (a Division of Arctic Glacier Inc.)

Mountain Water Ice, a division of Arctic Glacier Inc. located in Carson, Calif., manufactures up to 800 tons of ice per day, and packages and distributes it to major supermarkets throughout Southern California. Electricity represents one of the company's major monthly expenses, but thanks to participation on the Critical Peak Pricing (CPP) rate, Facility Manager Steven Fischer said Mountain Water Ice "saves substantially" on its electricity bills.

CPP offers benefits for shifting or reducing electricity use during nine to 15 critical peak events (from 2 p.m. to 6 p.m. on non-holiday weekdays) in the summer months. During these events, energy charges increase significantly, but participants can avoid them and lower their bills by reducing electricity usage. CPP participants also receive reduced monthly on-peak demand charges throughout the summer season.

#### "Very Advantageous"

For Mountain Water Ice, which joined CPP in May 2008, it's faster to manufacture ice than to package it. So, the company uses three 250- to 300-ton holding bins for excess capacity. During a CPP event, it shuts down most of the plant and draws from this backup. As Fischer noted, "We're not affecting our packaging ability, which ensures we meet our customers' product needs."



Mountain Water Ice, a division of Arctic Glacier Inc. located in Carson, Calif., saves substantially on its electric bills by participating on the Critical Peak Pricing rate.

He added, "CPP is a good fit for us. It's been very advantageous in terms of cost savings."

The company generally sees demand for its product rise with the thermometer reading. Even on non-CPP event days, Mountain Water Ice takes steps to lower and shift electricity usage when possible.

In addition to shifting usage to off-peak periods when it can, the company:

- Performs regular interval maintenance to make sure its equipment runs at an optimal level
- Utilizes a water pre-chiller system to lower the water temperature prior to entering the seven Turbo Ice Makers (this pre-chill process reduces refrigeration cycle times and increases daily tons produced, thus maximizing electrical efficiency)
- Recirculates any snow from its product to its evaporator condensers to also keep water cooler and improve efficiencies

In addition, Mountain Water Ice received rebates from SCE for a project to upgrade facility lighting from metal-halide to T8 fixtures.

### Lower Electrical Costs = Lower-Cost Products

Fischer credited SCE and account executive Karen Kahn for assisting the company in choosing the best solutions to save energy and money and also alleviate demand on the power grid during the most critical times.

"They've been very helpful in explaining what options are available to consider, and what they recommend might be the best way to save the maximum amount on our bill," he said, adding, "And the more money we save on overhead, the more savings we can pass onto our customers."

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) and [www.sce.com/drp](http://www.sce.com/drp).

#### More About CPP

The Critical Peak Pricing (CPP) rate is designed to compensate customers for voluntarily reducing or shifting electricity usage during nine to 15 events in the summer, when the demand and price of electricity climb.

During CPP events, your energy charges will increase significantly. By reducing electricity usage during a CPP event, you can avoid these higher prices and benefit from lower electricity bills. In the winter season (October through May) you pay the same energy and demand charges as on your base rate.

#### CPP Benefits

- **Summertime credits:** CPP provides reduced monthly on-peak demand charges throughout the summer season.
- **Bill protection:** For the first 12 consecutive months on a CPP rate, you will not pay more than the amount you would have paid on your base rate.

Lowering on-peak electricity demand also helps reduce greenhouse gas emissions and defer the construction of additional power plants.

CPP is now the default rate for bundled service customers with demands over 200 kilowatts. For questions or more information, contact your account representative or visit [www.sce.com/cpp](http://www.sce.com/cpp).