



SOUTHERN CALIFORNIA
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Contact your account representative for additional information and assistance.

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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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SOUTHERN CALIFORNIA EDISON

POWER BULLETIN

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INDUSTRIAL SEGMENT

The Power Bulletin newsletter is meant to be an aid in understanding programs and incentives administered by SCE to help your business reduce energy. Programs and incentives covered in this newsletter are subject to funding availability and policy changes. Please consult your account representative for more information on any incentives/programs mentioned in this issue.

Add Some Green to Your Bottom Line With Solar Energy

Incentives available through the California Solar Initiative (CSI) can significantly lower your cost of installing a solar energy system, while adding these environmentally friendly benefits to your business' bottom line:

- The ability to offset some or all of your energy costs on your Southern California Edison (SCE) bill by generating your own electricity on-site.
- Reduced operating costs, through predictable pricing that is not affected by electric rate changes.
- Up to a 30% federal investment tax credit applied to net system cost.*
- Property tax exemption for solar equipment.**
- A clean, reliable power source that can provide, with minimal maintenance, up to 25 years of energy production.

While the potential savings from your solar system will vary depending upon several factors, you can obtain a quick estimate of your individual savings by utilizing several helpful online calculation tools. For details, visit www.gosolarcalifornia.ca.gov, click on "Solar 101," then select "Calculators and Other On-Line Decision Assistance Tools."

Solar energy systems also provide many other benefits, such as reducing greenhouse gas emissions, diversifying California's electricity supply, and easing demand on the electric grid.

Solar Incentive Opportunities

Two types of incentives are available through the CSI Program:

1. An up-front incentive based on the solar energy system's estimated future performance, applies to projects less than 50 kilowatts (kW); and
2. A flat cents-per-kilowatt-hour performance-based incentive that is paid over 60 months, applies to projects greater than 50 kW.

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Incentives in California will decline as more systems are installed. The CSI Incentive Trigger tracker, available at www.sce.com/csi, provides information on current incentive levels based on customer classification and the size and characteristics of the solar installation.

The Next Steps to "Go Solar"

Talk to your account representative to arrange an energy efficiency audit, which is required for all project sites. An energy efficiency audit can help you identify important energy-saving opportunities to maximize your solar investment and, in many cases, reduce the number of panels you need to buy to meet the load requirements of your business, saving you even more money.

For details on the five-step process to obtain a solar energy system incentive, visit www.sce.com/csi. This website also links to a statewide database of licensed solar contractors. A solar contractor can help you identify different financing options for your solar project, including Power Purchase Agreements—a common method utilized by many businesses similar to yours that have already made the decision to "go solar."

For more information about the California Solar Initiative, visit www.sce.com/csi or www.gosolarcalifornia.ca.gov. To find out about other SCE programs and solutions that can help your business save energy, money and the environment, contact your account representative or visit www.sce.com.

The CSI Program is part of a statewide goal to create 3,000 megawatts of new solar-produced electricity by 2016, moving the state toward a clean energy future and helping to lower the costs of solar energy for customers. The program is funded by California investor-owned utility customers and is administered by Southern California Edison in its service territory under the auspices of the California Public Utilities Commission. California customers are not obligated to purchase any full-fee service or other services not funded by this program. The program began on Jan. 1, 2007, and will continue for 10 years or until funding is depleted. The program is subject to change by the Commission in a public regulatory proceeding.

* Consult the IRS or your tax consultant for details.

** Section 73 of the California Revenue and Taxation Code allows a property tax exclusion for certain types of solar energy systems installed between Jan. 1, 1999, and Dec. 31, 2016. System owners should contact the applicable county assessor's office for further information on the terms.



Get Convenience and Savings of Online Bill Paying

For a faster, more convenient way to receive and pay your electric bill, enroll in SCE's free My Account service, which allows you to manage your account(s) online at www.sce.com.

My Account gives you 24-hour access to your account(s) and puts three years of usage history at your fingertips. With SCE's paperless Online Billing, you can reduce operating costs associated with manual bill processing. Customer safeguards make this a secure way to manage your bills and help the environment by eliminating paper waste.

If all SCE business customers switched to paperless Online Billing, it would be equivalent to an annual savings of:

- Nearly 5.1 million pounds of greenhouse gas emissions avoided.
- Almost 2.1 million gallons of wastewater prevented from discharge.
- More than 122,000 gallons of gas saved by not mailing bills, statements and payments.

For more information, and to enroll, contact your account representative or visit www.sce.com/paperless.

Mark Your Calendars for Plug-In 2009 Conference

Save the dates of Aug. 10-13, 2009, for Plug-In 2009, a second annual international conference that will showcase the latest technological advances, market research and policy initiatives shaping the development of plug-in vehicle technology.

SCE will serve as the principal sponsor of the event, taking place at the Long Beach Convention Center. For more information, visit www.plugin2009.com.



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INDUSTRIAL SEGMENT FOCUS

Sierra Aluminum Brings Solar Power To Manufacturing Operations

Sierra Aluminum Co. recently installed a state-of-the-art, 800-kilowatt (kW) solar energy system on one of its Fontana, Calif., manufacturing plants, with the system expected to generate 1.4 million kWh per year and meet approximately 60% to 70% of the building's total energy requirements.

The cost of the system's installation, which was financed, designed and completed under a Power Purchase Agreement with Pacific Power Management LLC, will be partially offset with \$1.7 million in solar rebates through SCE.

The high-performance system will help reduce the company's carbon footprint by displacing approximately 35 million pounds of carbon dioxide over a 25-year period. It also will help relieve demand on the power grid during hot days when the need for electricity reaches its peak.



The 800-kilowatt solar energy system recently installed on this Sierra Aluminum Co. manufacturing plant in Fontana, Calif., is expected to generate 1.4 million kWh per year and meet approximately 60% to 70% of the building's total energy requirements.

Financial and Environmental Advantages

When the manufacturing plant is not operating and using the energy from the sun, the solar system will feed electricity back onto SCE's grid, reducing Sierra Aluminum's operating costs and making the system both environmentally and financially beneficial.

"Sierra Aluminum strongly believes in sustainable energy and the responsible use of it," said Vice President of Administration Shayne Seever. "Over the years we have invested in many projects to reduce our energy use and our impact on the environment. This solar power system is one more example of that commitment."

Noting that use of solar energy also can assist the company in meeting pending state regulations requiring certain industries and companies to reduce greenhouse gas emissions, Seever added, "We view this as helping us remain a viable manufacturing company in California. We're trying to do what we can to minimize our impact and continue to serve our customers, employ our people and be a good member of the community."

Renewable Plus Recycled

The solar energy system—consisting of nearly 4,500 Mitsubishi Electric 180-watt modules and two SatCon 500-kW converters—helps power a facility that manufactures some of the company's aluminum extrusions.

Seever noted, "We are especially pleased to be able to almost completely power one of our manufacturing plants with green energy. In fact, aluminum extrusions manufactured locally by Sierra Aluminum are on the roof of the building supporting the solar panels. And the extrusions contain more than 40% recycled material."

Looking ahead, Seever said that Sierra Aluminum may consider solar energy for additional buildings at its Fontana site, plus at another Southern California location.

The recent solar energy project follows completion of several energy efficiency incentive projects with SCE, including air supply system upgrades, major lighting retrofits and variable frequency drive installations. Speaking of SCE and account executive Richard Rocha, Seever said, "I've had a very good experience. They've done a good job for me."

To learn more about how your business can benefit from installing a solar energy system, contact your account representative or visit www.sce.com/csi. For information on all of SCE's energy management programs for business and industry, also contact your account representative or log onto www.sce.com/b-rs/large-business/.

Note: The April 2009 issue of Power Bulletin included information on a customer incentive for the BC International BC/Powerboss, an automated motor management system. Please note that at this time SCE is continuing its evaluation of this technology and is not currently providing incentives for it. We apologize for any inconvenience caused by this. Please contact your account representative for further information on SCE's energy efficiency incentive and rebate programs.