



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

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

##### **Statewide Transmission System Status**

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

##### **Utility Regulation**

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# POWER BULLETIN

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## Solar Installations Increase, But There's Still Time to Get Rebates

While solar installations continue to skyrocket in Southern California Edison's (SCE) service territory, rebates remain available to SCE customers that want to harvest the power of the sun to lower electricity costs and reduce greenhouse gas emissions.

Customers interested in this technology should take advantage of available California Solar Initiative (CSI) rebates now, because rebate levels will continue to drop as commitments for solar installations increase.

For SCE nonresidential customers, CSI rebate levels recently dropped to Step 8 (out of 10), meaning commercial customers receive 5 cents per kilowatt-hour (kWh) of produced solar generation, and government and nonprofit customers receive 15 cents per kWh. Pacific Gas & Electric and the California Center for Sustainable Energy (CSI program administrator in San Diego Gas & Electric territory) recently began wait-listing nonresidential solar projects due to budgetary constraints.

In 2010, SCE business and residential customers submitted more than 7,550 new CSI applications for a total of 224 megawatts (MW) of new solar capacity. Statewide, in 2010 solar demand soared to more than 465 MW of new solar rebate applications, an increase of 186% over applications in 2009. During

the year, utility customers installed more than 150 MW of clean solar energy, accounting for \$230 million in rebates from the CSI program.

For more information on reaping the benefits of going solar and receiving CSI rebates to maximize your investment, contact your account representative or visit [www.sce.com/gosolar](http://www.sce.com/gosolar).

### New Solar Power Plants

As customers continue to commit to solar power, so does SCE.

Seven new solar power plants capable of providing electricity for 8,125 average homes went online in early February for SCE customers.

The newest solar photovoltaic installations, located in Ontario and Redlands, Calif., have a combined peak generating capacity of 12.5 million watts (alternating current, or AC). The new plants bring to 10 the number of SCE neighborhood solar power plants.

Construction of the solar power plants last year created 250 temporary jobs. SCE estimates its entire solar photovoltaic project—75 to 100 roof- and ground-mount installations—will create up to 1,200 such jobs.

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“When Southern California Edison originally announced its goal of building a network of local solar plants, we wanted to help speed up California’s deployment of solar generation while driving down the cost of photovoltaic panels for everyone,” said Mark Nelson, SCE director of generation planning and strategy.

“Current market indicators reveal that solar photovoltaic power is now substantially less expensive for our customers than when we launched this project,” Nelson said.

### Solar Station Details

The Ontario installations involved four solar stations on 1.8 million square feet of leased warehouse roofs owned by ProLogis. The 32,950 solar photovoltaic panels SCE installed in Ontario are capable of generating 5.5 million watts (AC) of power.

In Redlands, SCE has built three installations, with 34,600 panels spread over 1.5 million square feet of ProLogis warehouse roofs. The panels can generate 7 million watts (AC) of power.

At the direction of the California Public Utilities Commission, SCE expanded its solar photovoltaic program by offering long-term power purchase agreements to independent producers willing to build neighborhood plants. So far, the utility has awarded 29 contracts, which will yield about 43 million watts (AC) of new solar photovoltaic power for SCE customers.

In addition, SCE has seen an increase in the number of cost-effective solar photovoltaic energy bids to provide renewable energy to the utility. The winning bids show a significant reduction in the cost of solar photovoltaic. In November, SCE signed 20 such purchase agreements with the potential to produce 239 million watts (AC) of power.

SCE’s neighborhood solar stations can be brought online quickly once the distribution circuits they are being connected to are prepared to handle the new generator output and voltage controls.

One of SCE’s objectives is to study the impact on local grid reliability, so that these distributed energy resources can be interconnected safely. Lessons learned during deployment of SCE’s solar photovoltaic project will be shared with other utilities and the solar industry to foster similar efforts.

To learn more about SCE’s commitment to a cleaner, greener future, visit [www.sce.com/solar](http://www.sce.com/solar).

### SCE Strengthens Opportunities for Businesses With Economic Development Services

SCE’s Economic Development Services (EDS) provides specialized consulting services to retain, expand, attract and create businesses, resulting in saved and created jobs in Southern California.

Since the group was formed in 1992, EDS, which leverages internal and external resources, has helped save or create more than 260,000 jobs in Southern California.

EDS identifies factors that reduce companies’ operating costs and also creates opportunities for growth, allowing businesses to remain viable and competitive—even in challenging economic times.

To foster the success of customers SCE serves, EDS provides the following services, among others:

- **Regional Economic Development (RED) Teams:** EDS actively develops collaborative RED Team relationships with local stakeholders and senior decision-makers from the public and private sectors. These contacts help identify the resources necessary to address issues impacting a company’s success and growth within SCE’s service territory.
- **Economic Development Rate (EDR):** The EDR program offers rate discounts to eligible business customers that would not remain in, expand or locate their operations in California **but for** the EDR discount, either on its own or in combination with other incentives. Subject to calculations specified in the applicable EDR tariff, qualified businesses may receive up to a 12% discount on their electricity rate for a five-year period.
- **Geographic Information Services (GIS) Toolset:** This innovative web-based mapping toolset helps businesses plug into Southern California incentives and resources like never before, with:
  - More than 3,000 available industrial sites and buildings covering the entire region;
  - A one-stop database, populated with comprehensive demographic and market-related information; and
  - The *only* GIS-based mapping overlay of existing state and federal tax incentive zones in Southern California.

Partnering with SCE’s EDS is simple. To connect with an EDS representative in your region, e-mail [economicdevelopment@sce.com](mailto:economicdevelopment@sce.com). For more information on all of EDS’ services, log onto [www.sce.com/economicdevelopment](http://www.sce.com/economicdevelopment).

### World Ag Expo Showcases SCE Energy Solutions

At the recent World Ag Expo—held Feb. 8-10 in Tulare across the street from SCE’s Energy Center, the Agricultural Technology Application Center (AGTAC)—SCE provided informational displays and interactive seminars/workshops on energy efficiency, Demand Response, solar, pump test, electrical safety and other energy management programs, solutions and resources. SCE also covered policies and developments on topics like the smart grid, smart meters and dynamic pricing.



SCE’s presence at the recent World Ag Expo provided a forum for customers to learn about programs, solutions and resources designed to save energy, money and the environment.



A three-day event, the World Ag Expo draws an annual average of 100,000 attendees to learn about the latest in agricultural technology and innovation.

AGTAC, a state-of-the-art educational resource center, showcases technologies through interactive exhibits, demonstrations and classes to help customers save energy, money and the environment on an ongoing basis. SCE customers in the Central Valley area interested in free AGTAC classes and tours should visit [www.sce.com/energycenters](http://www.sce.com/energycenters), call 800.772.4822 or contact your account representative.