

Demand Response Programs: A Smart Way to Lower Your Energy Bills

Temperatures are rising, and it's time to take advantage of SCE's Demand Response (DR) programs to help you save energy and reduce your electric costs during a few brief periods a year. We can assist you in developing and executing an energy reduction plan, and choosing the DR programs that best fit your operational needs, to help you achieve your optimal level of performance and maximize your savings.

DR programs offer excellent tools to help reduce load during times of high energy demand, and also reduce costs for your company. Customized specifically for your type of business, the following DR programs are smart ways to lower your costs by earning rate discounts and bill credits for temporarily reducing energy use upon request during periods of high energy demand.

Agricultural and Pumping Interruptible Program

Are you willing to let us temporarily suspend electricity to your pumping equipment during high-energy-demand periods? If so, we'll reward you for helping to ease stress on the electric grid with bill credits to benefit your bottom line.

If you participate in this program, a control device will be installed either near your meter or your pumping equipment to control the total load served. When the grid experiences unusually high energy demand, the California Independent System Operator (CAISO) notifies us that energy use needs to be reduced. We'll then transmit a signal to the device that will automatically turn off electricity until the period of high energy demand and low supply – or the occasional test – has ended. You may need to manually reset your circuit breaker or pump controller to restart.

Time-of-Use Base Interruptible Program

If your business has some operational flexibility, enrolling in the Time-of-Use Base Interruptible Program (Schedule TOU-BIP) could earn you valuable bill credits for reducing your energy use to a minimum pre-determined level when requested during times of high energy demand, both across California and in your local area.

You choose how much energy you need to stay up and running, and we'll provide advance notice according to your preference. You will need to supply and monitor a dedicated telephone line so we can notify you when an event occurs and a service interruption is coming.

Events are limited to one per day, 10 per calendar month, up to six hours each, for a maximum of 180 hours per calendar year. Depending on your level of energy reduction, we'll reward you with bill credits. However, once you commit to this program, you also are subject to excess energy charges for failing to reduce energy during events.

Critical Peak Pricing (CPP)

CPP offers customers an option to manage electric costs by either reducing electrical load during high-cost periods or shifting electric load from high-cost pricing periods to lower-cost pricing periods.

In exchange, we reward you during the SCE summer season of June 1 to Oct. 1 with lower monthly on-peak demand charges and a rate discount when you reduce energy usage. When electricity demand and prices rise, SCE will activate CPP events. During these events, energy charges increase. The day before each event, you'll receive a CPP notification reminding you to reduce or shift the next day's power usage to lower-demand times of day.

Real-Time Pricing (RTP)

If your business has flexibility around its operations schedule, you may want to consider the RTP rate schedule. This rate is beneficial if you can reduce energy usage during hours with higher temperature-driven prices, and/or shift usage to lower-priced hours.

With the exception of holidays, prices under this rate are set according to season, temperature, and time of day. Temperature-based rates are determined by the previous day's high temperatures in downtown Los Angeles as recorded by the National Weather Service. You can sign up for RTP courtesy alert notifications so you can plan your business' energy use and shift it accordingly to maximize savings.

Third-Party Programs:

Aggregator Managed Portfolio Program (AMP) and Capacity Bidding Program (CBP)

Third-party firms, called Demand Response Aggregators, provide SCE with a specified amount of load reduction. DR Aggregators have the flexibility to determine which customers need to reduce load at which times. Incentives for your DR performance are paid by the DR Aggregator (not SCE), which allows the aggregator to offer customized DR solutions for your business. If SCE's other DR programs don't quite fit your needs, an aggregator may be the right solution for you. We maintain a list of current AMP and CBP aggregators online on [sce.com/drp](https://www.sce.com/drp).

Automated Demand Response (Auto-DR)

You can receive energy savings by using smart technology that effortlessly and temporarily reduces the amount of energy your business uses (known as load reduction) during a DR event. With Auto-DR, load reduction is automatic and reliable, so it's easier to participate in DR programs to capitalize on program earnings and help lower your energy costs. Your business can receive [Automated Demand Response Technology](#) incentives for installing equipment that automates load reduction during DR events.

The Bottom Line: Make the most of SCE's available programs and solutions. For more information, contact your SCE Account Manager, or visit [sce.com/drp](https://www.sce.com/drp).

There's More: Tips and Solutions for Summer Energy Savings

Summer often means higher energy usage, and it's also the time when business electricity rates shift from the lower winter rate period to the higher summer rate period of June through September. The reason for this shift is to align rates with the increased energy demands that come with the summer months, when demand is at its peak and the cost to produce energy is higher.

So in addition to using our Demand Response programs, you can implement some simple no- and low-cost energy efficiency tips to help you save energy, money, and the environment.

Easy No-Cost Energy-Saving Tips

- Reduce lighting levels, and turn off unneeded lighting, ornamental, or display lighting
- Adjust variable speed drive controls for fans, pumps, and chillers
- Raise cooling thermostat settings, and pre-cool building/work areas or cycle air conditioning and ventilation
- Shift use of non-essential electrical equipment to before or after peak hours

Low-Cost Permanent Energy-Efficiency Solutions

- Replace incandescent or halogen lamps with light-emitting diode (LED) lamps
- Install daylighting controls (to adjust lighting levels) and occupancy sensors (to turn on lights only when an area is occupied)
- Inspect weather stripping around windows and doors to make sure there is no deterioration or gaps that allow air movement

- Install window film or new energy-efficient windows to reduce solar heat gain in the summer
- Add interior or exterior window blinds or shades to block direct sun during the summer but allow daylight to enter during the winter
- Install PC network software to automatically control the power setting of networked personal computers
- Schedule and perform regular maintenance on key HVAC units
- Clean/replace air filters and dampers, and repair/replace damaged ducts and pipe insulation
- Perform regular maintenance on filters, belts, coils, and bearings

With summer here, we can help you with a wide array of energy management solutions to help maximize your bottom line. Your business already may qualify for incentives for putting energy-saving upgrades into effect. Learn more about these incentives at on.sce.com/businessincentives, and see our Solutions Directory at sceonlineapp.com. You also can find additional industry-specific energy-saving tips at sce.com/energytips, plus contact your SCE Account Manager to discuss more details on taking control of your energy costs.

Your Resource for Power Outage Information

Learn more about our processes for maintenance and repair power outages, as well as outage communication resources and tools, at one of our upcoming free 1.5-hour Customer Outage Schools being held throughout the region. All courses take place from 10 a.m. to 11:30 a.m. Upcoming dates and locations include:

- July 11, Mission Viejo
- July 13, Wildomar
- July 25, Torrance
- August 3, Irwindale
- August 10, Thousand Oaks
- August 15, Broadcast via Skype
- August 17, Cathedral City
- August 24, Valencia
- August 31, Long Beach

For registration and the schedule through October, visit our [Outage School Registration Page](#). Also find more resources at our [online Outage Center](#).

SCE Honors Businesses and Community Partners at Asian American Pacific Islander Heritage Month

Highlighting our mission to give back to the communities we serve, our recent 12th annual Asian American Pacific Islander (AAPI) Heritage Month celebration honored APPI energy efficiency and supplier diversity business champions, as well as community-based partners and leaders.

Marked nationally each May, AAPI Heritage Month commemorates the immigration of the first Japanese to the United States in May 1843 and the anniversary of the May 1869 completion of the transcontinental railroad, primarily worked on by Chinese immigrants.

Congratulations to the following awardees:

Energy Efficiency Participation Award:

Diamond Wipes International, Inc.: Diamond Wipes International, Inc., a leading Western U.S. wet wipe manufacturer, services businesses in industries such as drug retailers, personal care companies, and global beauty brands. The Savings by Design project will produce a savings of more than 160,000 kilowatt-hours (kWh) and 23 kW – equivalent to the amount of electricity to power 4,715 electric vehicles on a full charge per 100 miles (Google data). Diamond Wipes will have energy savings of nearly \$22,500 and net incentives valued at approximately \$12,000 annually.

By installing solar photovoltaic, its estimated power reduction will be approximately 336 kW off the SCE grid, and approximately 547,700 kWh, which will be enough to power 51 homes for a year (Google data).



(Left to right) Jonathan Van, SCE Business Customer Division (BCD) - Integrated Demand Side Management specialist; Russell Edney, SCE BCD account manager; Andrew Lee, SCE Savings By Design team member; Eve Yen, founder and principal, Diamond Wipes International, Inc.; and Mike Marelli, SCE vice president, BCD.



(Left to right) LEAP Director of Development Nancy Yap; LEAP President and CEO Linda Akutagawa; Erik Takayesu, director, SCE Electric System Planning as well as LEAP secretary; and SCE CEO Kevin Payne.

Community Partnership Award:

Leadership Education for Asian Pacifics, Inc.

(LEAP): Guided by the philosophy “Keep Your Values. Develop New Skills®,” LEAP’s mission is to achieve full participation and equality for Asian and Pacific Islanders (API) through leadership, empowerment, and policy. More than 150,000 people nationwide have participated in over 3,000 of LEAP’s culturally relevant leadership development programs, workshops, and presentations. Its clients include Fortune 1000 corporations, colleges and universities, non-profit/community organizations, student organizations, and federal and state government agencies.

Diverse Business Enterprise Award:

Red Kite Business Advisors: Red Kite Business Advisors is a strategic marketing consulting firm founded in 2007. It was originally launched as “Experts on Women” and focused on gender marketing. Over the years, its services have expanded to include integrated and digital marketing, social media, mobile marketing, website development and maintenance, direct marketing, and scripting and directing of live corporate presentations – all meeting the needs of Asian American businesses.



(Left to right) SCE CEO Kevin Payne; Evelyn Olson Lamden, Red Kite Business Advisors principal and owner; and Edison International President and CEO Pedro Pizarro.

If you are interested in our upcoming annual customer heritage events such as Hispanic Heritage Month (celebrated from Sept. 15 to Oct. 15 each year), including potential opportunities for recognition, contact your SCE Account Manager for details. Additional background information and registration options are available at sceheritageevents.com.

Also follow us on Twitter @SCE_Business and @SCE_Communities, and join our Business and Community Partnerships [Facebook](#) page, to learn more about our business programs and community initiatives. For more details on SCE’s diversity commitment, cultural awareness, and outreach, visit sce.com/diversity.