

## Demand Response Programs

# WORKING TOGETHER TO MANAGE YOUR COMPANY'S ENERGY USE.



Take advantage of one or more of our Demand Response (DR) programs to help lower your energy costs when you actively reduce energy use.

We are fully committed to keeping electricity safe, reliable, and affordable for every customer, every day. To better manage energy consumption, we offer incentive programs like DR to reduce energy use in return for lower energy costs. This is a win-win situation that keeps your energy costs down and helps prevent power shortages.

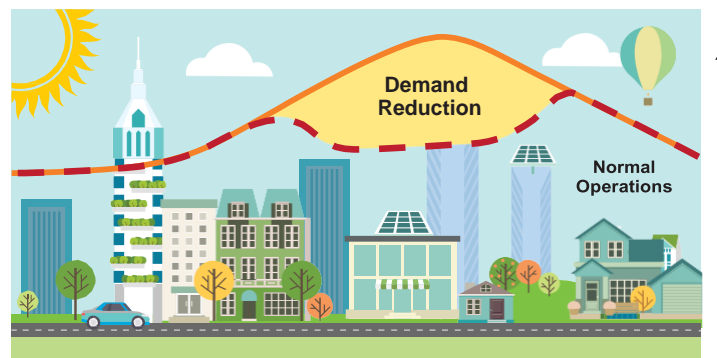
We have included our portfolio of DR programs in this fact sheet for you to consider, and you can participate in more than one. Your SCE Account Manager will work closely with you to identify those that best fit your business, minimizing the effect on your operations as well as your budget.

### Using DR helps everyone.

When you participate in DR, you do not just save money, you make a difference. By reducing your energy consumption during hours of peak demand, you relieve stress on the grid to help prevent power shortages in your community and preserves the environment for all of us.

### The benefits to your business include:

- Receiving discounted rates, incentives, or bill credits for participation
- Personalized consultation to identify solutions that are ideal for your business
- Advance notification of DR events to mitigate the impact on your operations



DR Event Usage



# Demand Response Programs



## **Technology makes participation easier.**

In addition, we offer incentives for the purchase and installation of technologies that enable your business to automatically reduce energy load and realize the maximum benefit from participating in DR programs.

## **Automated Demand Response (Auto-DR) Control Incentive**

Auto-DR allows enabled customers to participate in our DR programs utilizing a load control device or Energy Management System (EMS) that automatically initiates load reduction activities based upon settings you establish in advance. This eliminates the need to turn off or adjust equipment manually when events occur. Incentives are based upon your realized energy reductions.

To qualify you must enroll and participate in at least one eligible DR program for a minimum of 36 consecutive months. Depending on your situation and the size of your electrical load, Auto-DR offers two incentive options:

**Auto-DR Express** — incentive for systems that control standard technologies such as dimmable ballasts, temperature reset controls for HVAC and duty-cycling of HVAC compressors and fans that automatically reduce load during DR events.

**Auto-DR Customized** — incentive for the purchase and installation of remotely activated equipment that facilitates sitewide automatic load reduction such as controls for lighting, motors, pumps, fans, air compressors, process equipment, HVAC load control devices, and more.

**ENROLL TODAY!**

Contact your SCE Account Manager or visit [sce.com/drp](https://www.sce.com/drp).

# Demand Response Programs

	Critical Peak Pricing (CPP)*	Real-Time Pricing (RTP)*
<b>Overview</b>	Receive monthly bill credits from June through September in exchange for paying higher electricity prices during a CPP event	Lower your costs when you reduce energy usage during hours with higher temperature-driven prices and/or shift usage to lower-priced hours
<b>Incentives</b>	<ul style="list-style-type: none"> <li>• Earn credits on your electricity bills during the summer season, when your bills are typically the highest</li> <li>• Bill protection for the first year, ensuring the total amount you pay will not exceed the amount you would have paid on your base electricity rate</li> </ul>	<ul style="list-style-type: none"> <li>• You choose how to manage your load</li> <li>• Hourly electricity rates provide maximum flexibility</li> <li>• Pricing based on time of day, season, and temperature</li> <li>• Up-front rates let you select price thresholds</li> <li>• No minimum reduction required</li> </ul>
<b>Requirements</b>	12-month program commitment if enrolled through a rate change initiated by the customer. Accounts that are defaulted to CPP can unenroll at any time.	12-month program commitment
<b>When It's in Effect</b>	<p>Events may be called year-round on any non-holiday weekday from 4 p.m. to 9 p.m. but are limited to:</p> <ul style="list-style-type: none"> <li>• 12 to 15 annual CPP events</li> </ul>	Available year-round
<b>Penalties</b>	None, but energy rates are significantly higher during CPP events	None, but energy rates will increase with higher temperatures
<b>Event Trigger</b>	<ul style="list-style-type: none"> <li>• Day-ahead load and/or price forecasts</li> <li>• Forecasts of extreme or unusual temperature conditions</li> <li>• SCE system emergency</li> <li>• California Independent System Operator (CAISO) warning or emergency</li> </ul>	Previous day's temperature in Downtown Los Angeles as recorded by the National Weather Service sets the pricing schedule for each day
<b>How You're Notified</b>	Event notification sent one weekday (non-holiday), in advance of a scheduled event via phone, text, or email	Courtesy email notification when hourly prices for the following day are expected to exceed your preferred limit, which allows you to make adjustments to your operations or staff in advance. Download our free SCE DR Alerts app to receive pricing notifications directly to your mobile device
<b>Eligibility</b>	Open to residential and non-residential customers receiving Bundled Service from SCE	Open to non-residential customers receiving Bundled Service from SCE
<b>Prohibited Resources</b>	Not Applicable	Not Applicable

\*Eligible as a Qualifying DR Program for the Auto-DR Control Incentive Program

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# Demand Response Programs

	Summer Discount Plan (SDP)	Capacity Bidding Program (CBP)*
<b>Overview</b>	Receive a monthly bill credit during the summer months for allowing SCE to interrupt your air conditioner (A/C) temporarily when events are called	Flexible bidding program that pays you for reducing energy when energy prices are high, demand reaches critical levels, or supply is limited. You establish monthly levels to earn savings on your electric bill if you self-aggregate. If participating through a third-party DR aggregator, participation and incentives are provided by the DR aggregator.
<b>Incentives</b>	<ul style="list-style-type: none"> <li>• Receive bill credits during summer months, June 1 through September 30</li> <li>• Bill credit amount is based on the size of your A/C and the cycling plan you are enrolled in</li> </ul>	<ul style="list-style-type: none"> <li>• Energy Payments can be earned when events occur and are based on actual energy reduced — if no event in a given month, you'll still receive your full Capacity Payment</li> <li>• Capacity Payments are based on the load reduction amount you nominated and vary depending on the month, duration of events, and your elected notification options</li> <li>• The closer your actual reduction is to your bid, the higher your payment</li> </ul>
<b>Requirements</b>	<ul style="list-style-type: none"> <li>• A cycling device must be installed on or near your central A/C unit(s)</li> <li>• 12-month program commitment</li> <li>• Must have an IDR or Smart Meter</li> </ul>	<ul style="list-style-type: none"> <li>• Internet access</li> <li>• Participation with an aggregator is optional — contact your SCE Account Manager or the DR Help Desk for details</li> <li>• Must have an approved, installed, and operating interval meter</li> </ul>
<b>When It's in Effect</b>	Events may be called year-round, but are limited to 6 hours per day and no more than 180 hours per calendar year	Events may be called year-round on any non-holiday weekday from 3 p.m. to 9 p.m.
<b>Penalties</b>	None	If actual reduction is <75% of your nomination on an hourly basis, capacity incentives will be reduced
<b>Event Trigger</b>	<ul style="list-style-type: none"> <li>• CAISO market award</li> <li>• CAISO warning or emergency</li> <li>• SCE system emergency</li> <li>• Measurement and evaluation</li> </ul>	<ul style="list-style-type: none"> <li>• CAISO market award</li> <li>• CAISO warning or emergency</li> <li>• SCE system emergency</li> <li>• Measurement and evaluation</li> </ul>
<b>How You're Notified</b>	<ul style="list-style-type: none"> <li>• Via the free SCE DR Alerts App</li> <li>• Courtesy notification via phone, text, or email</li> </ul>	<ul style="list-style-type: none"> <li>• Day-Ahead Option: By 5 p.m., a calendar day prior to the event via phone, text, or email</li> <li>• Day-Of Option: On the same day of the event, at least one hour before the event begins via phone, text, or email</li> </ul>
<b>Eligibility</b>	Open to all Bundled Service, Direct Access (DA), and Community Choice Aggregation (CCA) customers with fully operational central A/C units	<ul style="list-style-type: none"> <li>• Open to all Bundled Service, Direct Access (DA), and Community Choice Aggregation (CCA) customers</li> <li>• Customers may aggregate their own accounts directly or may participate through a third-party DR aggregator</li> </ul>
<b>Prohibited Resources</b>	Not Applicable	PR Attestation form required before enrollment

\*Eligible as a Qualifying DR Program for the Auto-DR Control Incentive Program

# Demand Response Programs

	<b>Time of Use Base Interruptible Program (TOU-BIP)</b>	<b>Emergency Load Reduction Program (ELRP)</b>
<b>Overview</b>	Earn year-round monthly bill credits for reducing your energy usage to your contracted level within the 15 or 30 minute options. BIP events are called on a day-of-basis.	Earn bill credits for reducing power during an event based on how much you bid. There are no penalties if you are not able to participate in an event. ELRP events can be called on a day-ahead and day-of basis.
<b>Incentives</b>	<ul style="list-style-type: none"> <li>• Earn monthly bill credits even when no interruptions occur</li> <li>• Credits vary based on the season, time of day, voltage level, and other factors</li> </ul>	<ul style="list-style-type: none"> <li>• Earn a bill credit of \$1 per kilowatt per hour (kWh) of actual power reduction</li> <li>• Bill credits are based on the difference between your energy baseline and actual energy use for each hour of the event</li> <li>• You will not receive any bill credits if there are no events</li> <li>• Participants will earn \$1 per kWh or \$1,000 per megawatt per hour (MWh) for incremental load reduction during an event when your reductions are from 50% to 200% of your nomination amount.</li> </ul>
<b>Requirements</b>	<ul style="list-style-type: none"> <li>• 6 or 12 month commitment, depending on the date of enrollment</li> <li>• Select a Firm Service Level (FSL)</li> <li>• Select a Participation Option of 15 or 30 minutes</li> <li>• Provide a contact to receive event notifications</li> <li>• Customer can only unenroll during an SCE designated window, as defined in the tariff</li> </ul>	<ul style="list-style-type: none"> <li>• Must submit a bid or nomination amount</li> <li>• Must achieve at least 50% of bid/nomination amount to earn an incentive</li> <li>• Incentive/compensation is capped at 200% of bid/nomination amount</li> </ul>
<b>When It's in Effect</b>	<p>Events may be called any time year-round, but are limited to:</p> <ul style="list-style-type: none"> <li>• One event per day;</li> <li>• 10 events per month;</li> <li>• 180 hours per year</li> </ul>	<ul style="list-style-type: none"> <li>• Events can be called May through October, but are limited to: <ul style="list-style-type: none"> <li>▪ 4 pm to 9 pm</li> <li>▪ Any day of the week (Sun-Sat)</li> </ul> </li> </ul>
<b>Penalties</b>	Your facility's electrical usage must remain at or below your Firm Service Level throughout the event to avoid Excess Energy Charges	None, but you will not receive credit if you cannot participate in an event
<b>Event Trigger</b>	<ul style="list-style-type: none"> <li>• CAISO warning or emergency</li> <li>• SCE system emergency</li> <li>• Measurement and evaluation (testing)</li> </ul>	<ul style="list-style-type: none"> <li>• CAISO alert, warning, or emergency</li> <li>• Measurement and evaluation (testing)</li> </ul>
<b>How You're Notified</b>	Event notification sent via phone, text, or email to a customer-provided contact 15 or 30 minutes before curtailment is required	Event notification via phone, text or email to a customer-provided contact the day before an event
<b>Eligibility</b>	<ul style="list-style-type: none"> <li>• Bundled Service, Direct Access (DA), and Community Choice Aggregation (CCA) non-residential customers with monthly demands of 200 kW or greater</li> <li>• Must be able to reduce at least 15% of your maximum electrical demand (a minimum of 100 kW) during each interruption event</li> </ul>	<ul style="list-style-type: none"> <li>• Bundled Service, Direct Access (DA), and Community Choice Aggregation (CCA) non-residential customers with monthly demands of 200 kW or greater may enroll directly (may dual enroll with TOU-BIP or AP-I)</li> <li>• For additional eligibility options, please contact your SCE Account Manager or the DR Help Desk</li> </ul>
<b>Prohibited Resources</b>	PR Attestation form required before enrollment. If participant uses Prohibited Resources during events the FSL must include the size of the resource.	You may use prohibited resources, but must provide information about your back-up generation resource

# Demand Response Programs

<b>Agricultural &amp; Pumping Interruptible Program (AP-I)</b>	
<b>Overview</b>	Receive a year-round monthly bill credit for allowing us to interrupt your electric service temporarily. We will transmit a signal to a control device installed on your pumping equipment, which will automatically turn off your total load served for the duration of the event.
<b>Incentives</b>	<ul style="list-style-type: none"> <li>• Earn a year-round, monthly bill credit</li> <li>• No need to call or be notified to reduce load — it's automatic</li> </ul>
<b>Requirements</b>	<p>A control device must be installed on your equipment.</p> <ul style="list-style-type: none"> <li>• 6 or 12 month commitment, depending on the date of enrollment</li> <li>• Customers can only unenroll during an SCE designated window, as defined in the tariff</li> </ul>
<b>When It's in Effect</b>	<p>Interruptions can occur anytime year-round, but are limited to:</p> <ul style="list-style-type: none"> <li>• 6 hours per event;</li> <li>• 25 events per year;</li> <li>• 150 hours per calendar year</li> </ul>
<b>Penalties</b>	None
<b>Event Trigger</b>	<ul style="list-style-type: none"> <li>• CAISO warning or emergency</li> <li>• SCE system emergency</li> <li>• Measurement and evaluation (testing)</li> </ul>
<b>How You're Notified</b>	<ul style="list-style-type: none"> <li>• Courtesy notifications of interruptions via phone, text, or email</li> </ul>
<b>Eligibility</b>	Open to Bundled Service, Direct Access (DA), and Community Choice Aggregation (CCA) Agricultural and Pumping customers with a measured demand of 37 kW or greater, or with a connected load of 50 horsepower or greater
<b>Prohibited Resources</b>	PR Attestation form required before enrollment

# Demand Response Programs

## **Third-Party Demand Response Providers: A Collaborative Effort**

We contract with a number of authorized third-party DR Aggregators, who develop and manage their own DR programs which may be available to you. By partnering directly with businesses, DR Aggregators are able to pool or aggregate customers under their DR program to achieve energy reductions. DR Aggregators provide their aggregated DR resources and are responsible for reducing electrical load based on the capacity commitment they have with us.

You will be in a group of customers that participate in a DR program and can be compensated by the DR Aggregator based upon the terms of your agreement with them. Specific programs and terms of your agreement may differ by Aggregator. We have no involvement in the individual agreements between you and the DR Aggregator. You have the option to enroll and participate in a number of DR Aggregator programs including, but not limited to, Capacity Bidding Program (CBP), Local Capacity Requirement (LCR), Time of Use Base Interruptible Program (TOU-BIP), Emergency Load Reduction Program (ELRP), Preferred Resources Pilot (PRP), and Demand Response Auction Mechanism (DRAM). Please contact your SCE Account Manager if you have any questions and to help identify all the available DR options to meet your energy needs. A list of available DR Aggregators/Providers in SCE's service territory is available online.



## **Energy Efficiency: A Powerful Element of Integrated Demand-Side Management**

Want to manage your costs all year long? Contact your SCE Account Manager to discuss energy-saving solutions that can help you run a more energy-efficient operation every day.



# Demand Response Programs

ENROLL TODAY!

Contact your SCE Account Manager or visit [sce.com/drp](https://www.sce.com/drp).

This fact sheet is meant to enhance your understanding of SCE's Demand Response Programs. It does not replace pricing information contained in the CPUC-approved tariffs. Please refer to the tariffs, which can be viewed online at [sce.com](https://www.sce.com), for a complete list of terms and conditions of services.

<https://www.sce.com/business/demand-response?from=/drp> original website

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