

Demand Response, California Creating the Customer Powered Grid®

What is Demand Response?

Demand Response Programs pay organizations to reduce energy load during times of grid stress or high energy prices. Sometimes, the demand for energy outpaces the grid's ability to supply it, causing brownouts or blackouts.

Instead of producing more energy at great expense to consumers and the environment, the grid operator can offset the imbalance by reducing the amount of electricity being consumed when demand exceeds supply.

That's demand response, and it can be very financially rewarding for organizations like yours.

CPower helps organizations unlock the value of their Distributed Energy Resources.

By assessing your organization's unique needs and capabilities, we help you make the energy decisions today that position you for success tomorrow.



**Facility
Assessment**

Our team of engineers will conduct a complete assessment of your facilities to understand your energy needs and usage.



**Curtailment
Planning**

We work with you to create a curtailment plan for you to execute when the grid is stressed, customized to suit your organization and maintain day-to-day business.



**Optimized
Enrollment
& Payment**

Time is money when it comes to DER monetization. CPower's team of experts will make sure that your enrollment is accurate and timely, allowing your organization to start earning without delay.



**24/7
Dispatch**

CPower's dispatch team is on call around the clock and will let you know when it's time to curtail your load.

Currently, there are several demand response programs being offered to commercial and industrial organizations in California.

Resource Adequacy (RA)	
Offered By:	Load Serving Entities
Minimum Load:	100 kW
Season:	Summer (May-Oct)
Notification:	Day-ahead with the possibility for 45 minutes
Testing:	1 test in June, August and October
Enrollment Deadline:	Minimum 80 days prior to delivery month to meet CAISO registration timelines

	Demand Side Grid Support (DSGS) Option 2	Demand Side Grid Support (DSGS) Option 3
Compensation:	Capacity and energy payments are made based on actual performance when an event is called.	Capacity payment is made based on actual performance when an event is called.
Baseline:	Weekday events are calculated on the average usage of each hourly interval out of 10 previous eligible weekday with an uncapped day of adjustment to the baseline; Weekend events are calculated on the average of each hourly interval of the prior 10 eligible days, including weekend days, with an uncapped day of adjustment to the baseline.	For a nonresidential stationary battery resources receiving self-generation incentive program (SGIP) funding or with a host utility permission-to-operate date before July 1, 2023, an hourly prescriptive baseline of 0.028CapacitykWh shall be applied to battery discharge. For all other batteries, the baseline is defined as zero kW.
Enrollment Deadline:	Registration at least 41 business days prior to delivery month to meet CAISO registration timelines.	Three business days before the first day of each month for enrollments effective the first calendar day of that month.
Metering:	Each account must have an approved 15-minute interval meter or Smart Meter and approved meter.	N/A – only available to behind-the-meter batteries.
Backup Generation:	No Fossil.	The DSGS battery may not participate in another demand response program.

**Contact CPower’s California team to learn more:
844-276-9371**

