

# California Demand Response Programs

It's an exciting time to be an energy-consuming organization in California. That's because we're on the cusp of a new era in clean energy. Our drive toward generating 100% of our state's energy by way of renewable sources by the middle of this century is one no other state can match.

Getting there won't be easy, but the road of a pioneer seldom is.

That's why CPower wants to help your organization lead California toward a more sustainable future with a holistic demand-side management solution

## California Programs

- Demand Side Grid Support (DSGS)



# Program Parameters

Parameters	DSGS Option 2
Dispatch	Real Time
Commitment period	Summer (May-Oct)
Commitment Hours	4-9 PM Daily
Max # of events/Day	None
Callable Hours/Events	1-6 hours
Min Curtailment Value	No
On-Site Generation Requirements	No Fossil
Payment Bands	Pay for Performance No penalties
Dispatch Trigger	Economic Bid into CAISO Market price by sublap, with a bid cap of \$949/MWh
Max hours (events) /Month	None
Max Hours / Year	None
# Test / Year	monthly test in lieu of grid event

# Program Parameters DSGS Option 2

<b>Baseline</b>	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.
<b>Compensation</b>	Capacity and energy payments are made based on actual performance when an event is called. Payment is made based on performance during tests and events.
<b>Compliance</b>	Customers are required to comply with all relevant rules and regulations.
<b>Under And Non-performance</b>	Pay for performance
<b>Enrollment Deadline</b>	Registration at least 41 business days prior to delivery month to meet CAISO registration timelines.
<b>Metering</b>	Each account must have an approved 15-minute interval meter or Smart Meter and approved meter communications equipment installed and operating at least 10 days prior to participating in the programs in order to establish a valid baseline.
<b>Back-up Generation</b>	No fossil generation for curtailment.
<b>Dispatch Requirement</b>	Resources are required to participate in the real-time market, which will entail an approximate 45-minute dispatch notification
<b>CPower App Requirements</b>	If curtailable load per account is in excess of 500kW, the CPower App is required and CPower shares the cost with customer.

# Program Parameters DSGS Option 3

<b>Baseline</b>	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.
<b>Compensation</b>	Capacity payment is made based on actual performance when an event is called.
<b>Compliance</b>	Customers are required to comply with all relevant rules and regulations.
<b>Under and Non-performance</b>	Pay for performance
<b>Enrollment Deadline</b>	Three business days before the first day of each month for enrollments effective the first calendar day of that month.
<b>Metering</b>	Battery inverter or submeter that can provide hourly/subhourly interval data.
<b>Back-up Generation</b>	N/A – only available to behind-the-meter batteries
<b>Dual Participation</b>	The DSGS battery may not participate in another demand response program

# Performance Payment Bands

UTILITY PROGRAM	PERFORMANCE RANGE	PAYMENT TERMS
DSGS	0-100%	Proportional