



Demand Side Grid Support (DSGS) Program DSGS Provider Application Form

Instructions:

Eligible applicants who wish to participate in DSGS as a provider must complete and submit the application form, along with all necessary attachments, to the DSGS program at <https://dsgs.olivineinc.com/upload>. For more information on the program, including the [DSGS Program Guidelines](#), please visit the DSGS Program website at dsgs.olivineinc.com.

All fields are required unless otherwise indicated. Fill in all fields completely and accurately. Any incomplete submissions will not be accepted, and the applicant will be required to resubmit.

1. Applicant Information

Applicant Name (please use full legal name):

Applicant Type:

Publicly- Owned Utility (POU)	Investor- Owned Utility (IOU)	Community Choice Aggregation (CCA)	Federal Power Marketing Administration (FPMA)	Aggregator	Other
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If other, please explain:

Applicant Primary Contact: Serves as point of contact for all communications *except event notifications*

Name	
Title	
Street Address 1	
Street Address 2 (if applicable)	
City	
State	
Zip Code	
Phone Number	
Email Address	



Applicant Secondary Contact: Serves as secondary point of contact for all communications *except event notifications*

Name	
Title	
Street Address 1	
Street Address 2 (if applicable)	
City	
State	
Zip Code	
Phone Number	
Email Address	

Applicant Event Notification Contact: Provide an email address and phone number for the contact(s) that should be notified of DSGS events via email and text message. To enter multiple contacts, please separate each entry using semicolons.

Email Address(es)	
Phone Number(s) [Optional]	

2. Applicant Enrollment & Program Implementation Information

Indicate the DSGS incentive options to be offered to participants. For more information on the four incentive options, please refer to Chapters 3-6 of the DSGS Program Guidelines.

Incentive Option 1: Standby and Energy Payment

Incentive Option 2: Incremental Market-Integrated DR Capacity Pilot

Incentive Option 3: Market-Aware Behind-the-Meter Battery Storage Pilot

Incentive Option 4: Emergency Load Flexibility Virtual Power Plant Pilot

For all incentive options:

Requirement	Attached
Description of how the applicant will verify which load reduction resources are used by participants	
Description of how the applicant will verify participant eligibility prior to enrollment of participants	



If offering Incentive Option 1:

Requirement	Attached
Description of how the applicant will implement the dispatch loading order requirements described in Chapter 3, Section D of the DSGS Program Guidelines.	
Description of how the applicant will verify actual incremental load reduction amounts, including the applicant’s method for determining energy use baselines and actual energy usage during a DSGS Program event.	

[Option 1 Only] Indicate which administrative cost structure the applicant will choose, as described in Chapter 6, Section B of the DSGS Program Guidelines. Choose one of the below options:

Actual incremental cost incurred in administering Incentive Option 1, such as costs derived from employee timesheets or invoices from third-party contracts, pending specified conditions, and for indirect/overhead costs (not to exceed 10 percent of actual incremental costs or a federally approved indirect rate from a federal agency as evidence by an approval letter).

10 percent of incentive payments provided to participants under Incentive Option 1, or if an electrical corporation, 5 percent of incentive payments provided to participants under Incentive Option 1

If offering Incentive Options 2, 3 or 4:

Requirement	Attached
Description of how the applicant meets the eligibility requirements specific to the respective incentive option(s)	
Description of how the applicant plans to implement the program under the respective incentive option structure(s)	
Description of how the applicant plans to allocate incentives to participants	
Description of how the applicant plans to implement quality control on meter data or runtime data, including minimum standards for data completeness and quality	

Select all applicable types of customers the applicant plans to enroll:

Residential Commercial Industrial Other (please explain):



Select all applicable load reduction resources the applicant plans to enroll:

- | | |
|------------------------------|----------------------------------|
| Behavioral demand response | Irrigation/water treatment pumps |
| Back-up generation | Chiller controls |
| Battery storage (with PV) | Thermal storage |
| Battery storage (without PV) | Smart electrical panels |
| Electric vehicles/EVSE | Other (please describe): |
| Smart thermostats | |

List all applicable utility territories in which the applicant plans to operate.

PG&E SDG&E SCE Other (please explain):

3. Certification

- I am authorized to complete and sign this form on behalf of the applicant.
- I agree to the terms and conditions contained in the DSGS Program Guidelines on behalf of the applicant.
- I certify that the foregoing is accurate and complete.

Name of Authorized Representative:	
Title:	
Phone Number:	
Email Address:	
Date:	
Signature of Authorized Representative:	



Appendix I: Attachment Guide

As a DSGS Provider applicant, you must provide an attachment (pdf or Word format preferred) describing how you will meet the various requirements listed above. The following sections provide guidance on the information that the program team will be looking for to successfully process your application as quickly as possible. Spell out the first instance of all acronyms included in your attachment.

I-A: Option 1 Providers

Description of how the applicant will verify which load reduction resources are used by participants

- Application should describe, in detail, how the applicant plans to verify the participating resource type. This may include:
 - Description of or reference to the applicant's direct control over or connectivity to enrolled devices
 - Description of or reference to the applicant's device/resource enrollment procedures
 - Description of or reference to the applicant's method for determining which resources a customer is using for load reduction

Description of how the applicant will verify participant eligibility prior to enrollment of participants

- Application should contain a claim by the applicant that they will verify eligibility to the best of their ability and specify their approach(es) for checking if participants are enrolled in conflicting programs (e.g. California ISO Demand Response Registration System (DRRS), Rule 24/32 authorizations, require attestation of eligibility from participants, etc.)

Description of how the applicant will implement the dispatch loading order requirements described in Chapter 3, Section D of the DSGS Program Guidelines

- Application should contain a description of or reference to their dispatch grouping procedures

Description of how the applicant will verify actual incremental load reduction amounts, including the applicant's method for determining energy-use baselines and actual energy usage during a DSGS Program event

- Application should include a description of or reference to the applicant's access to whole premise meter data or device submeter data
- Application should indicate whether provider intends to use the default incremental load reduction calculation methodology outlined in Chapter 3.B.1.



- If an alternative method for determining incremental load reduction is proposed, the provider must provide a description of this proposed methodology. Alternative methodologies will be evaluated on a case by case basis requiring approval by the CEC.

I-B: Option 2 Providers

Description of how the applicant will verify which load reduction resources are used by participants

- Application should include a description of or reference to the applicant's method for determining which resources a customer is using for load reduction

Description of how the applicant will verify participant eligibility prior to enrollment of participants

- Application should contain a claim by the applicant that they will verify eligibility using the California Independent System Operator (ISO) Demand Response Registration System (DRRS).

Description of how the applicant meets the eligibility requirements specific to the respective incentive option(s)

- Application should contain a description of or reference to the applicant, or its authorized third party, being a registered third-party or POU demand response provider (DRP)
- Application should contain a reference to the applicant having at least one proxy demand resource (PDR) registered with the California ISO in which the participants will be enrolled.

Description of how the applicant plans to implement the program under the respective incentive option structure(s)

- Application should contain a description of how the applicant plans to bid PDR resources into the California ISO market(s) to demonstrate incremental capacity and earn incentives from DSGS.

Description of how the applicant plans to allocate incentives to participants

- Application should describe that the customers will receive a portion of the incentives, i.e. through revenue splitting models or incentive allocations.

I-C: Option 3 Providers

Description of how the applicant will verify which load reduction resources are used by participants

- Application should describe how the applicant will verify which load reduction resources are used by participants. This may include the following:



- Description of how the applicant plans to ensure their customers have batteries and/or vehicle-to-load (V2X) electric vehicle supply equipment (EVSE)
- Description of or reference to the Provider's direct control over or connectivity to enrolled batteries and/or V2X EVSE
- Description of or reference to the applicant's device enrollment procedures

Description of how the applicant will verify participant eligibility prior to enrollment of participants

- Application should contain a claim by the applicant that they will verify eligibility to the best of their ability and their approach(es) for checking if participants are enrolled in conflicting programs (e.g. DRRS, Rule 24/32 authorizations, require attestation of eligibility from participants, etc.)
- Applicant should indicate they will check if customers meet following requirements:
 - Have an operational stationary battery system or an electric vehicle (EV) with bidirectional EVSE capable of discharging at least 1 kW for at least 2 hours during a program event.
 - Provide no more than 2,000 kW discharge during any hour of any DSGS program event. A customer site may participate with a stationary battery system capable of discharging greater than or equal to 2,000 kW but any net discharge greater than 2,000 kW during a given event hour will not be offered incentives.
 - Have permission to operate from the host utility (for example, under a Rule 21 tariff) and operate in a manner compliant with existing rules and tariffs applicable to the site.
 - Not be participating in a California ISO Proxy Demand Resource (PDR) or Reliability Demand Response Resource (RDRR), unless either the participant's customer energy baseline reflects total gross consumption (that is, consumption independent of any energy produced or consumed by behind-the-meter battery storage) consistent with California ISO tariff Section 4.13.4.j or the participant is enrolled with a stationary export-only DSGS resource, as described in the DSGS Guidelines Chapter 5, Section E.
 - Indication that the DSGS provider or its partner has remote control (for example, API control) over each participant battery, is not controlling the battery for a conflicting program, and has no knowledge or awareness that each customer is enrolled or participating in a conflicting program, to the best of the provider's knowledge.

Description of how the applicant meets the eligibility requirements specific to the respective incentive option(s)

- Application should specify the applicant, or its authorized third party, is a third party battery or EVSE provider, POU, or community choice aggregator (CCA) and contain a description of or reference to the following eligibility requirements:
 1. Ability to send dispatch signals to or directly control individual batteries



2. Ability to collect and provide hourly or subhourly charge/discharge interval data from a battery inverter or submeter
3. Receive authorization from participants allowing for use of their device for the purposes of DSGS Program participation.
4. Comply with the participants' utility interconnection agreements (for example, a Rule 21 tariff). Dispatch in violation of an interconnection agreement is not eligible for incentive payments.
5. Have either a) a total minimum nominal power rating of 400 kW across all utility service territories and resource durations, b) at least one aggregation with a total minimum nameplate power rating of 200 kW, or c) at least three aggregations with a total minimum nameplate power rating of 100 kW each. For stationary storage assets, the total nameplate power rating is determined by summing the nameplate continuous power rating (kW) from the specification sheets of the individual storage devices comprising the aggregation. For aggregations of EVs, the total nameplate power rating is determined by summing the discharge power rating (kW) from the specification sheets of the EVSE used by individual vehicle operators.

Description of how the applicant plans to implement the program with any Partner Companies (if applicable)

If the DSGS Provider is serving as a storage VPP aggregator for more than one partner company, each partner company's battery aggregations are considered separate and distinct VPPs that will be measured and compensated independently. The storage VPP aggregator must submit required program documentation (e.g. Participant Enrollment Reports, Test Events, Performance Reports, Claim Packages) separately for each partner's aggregation. Each partner must be able to meet all other aggregator requirements, such as the minimum aggregate nameplate power.

Description of how the applicant plans to implement the program under the respective incentive option structure(s)

- Application should contain a description of or reference to
 - Participant enrollment
 - DSGS event monitoring

Description of how the applicant plans to allocate incentives to participants

- Application should describe that the customers will receive a portion of the incentives, i.e. through revenue splitting models or incentive allocations.

Description of the applicant's plans to implement quality control on submetered charge and discharge data, including minimum standards for data completeness and quality

- Application should contain, at a minimum, a description or reference to the following:
 - Data collection process



- Process for ensuring completeness of meter data records for each device
- Process for ensuring accuracy of meter data records for each device
- Any runtime data sampling processes

I-D: Option 4 Providers

Description of how the applicant will verify which load reduction resources are used by participants:

- Application should describe how the applicant will verify which load reduction resources are used by participants. This may include the following:
 - Description of how the applicant plans to ensure their customers have an operational HVAC system, electric water heater, EVSE, stationary battery, or smart electrical panel capable of reducing net load in response to a dispatch signal by the VPP aggregator by changing device operational mode, temperature setpoint, or other method.
 - Description of or reference to the Provider's direct control over or connectivity to individual devices participating in the load flexibility VPP.

Description of how the applicant will verify participant eligibility prior to enrollment of participants

- Application should contain a claim by the applicant that they will verify eligibility to the best of their ability and their approach(es) for checking if participants are enrolled in conflicting programs (e.g. DRRS, Rule 24/32 authorizations, require attestation of eligibility from participants, etc.)
- Applicant should indicate they will check if customers meet following requirements:
 - Have an operational HVAC system, electric water heater, EVSE, stationary battery, or smart electrical panel capable of reducing net load in response to a dispatch signal by the VPP aggregator by changing device operational mode, temperature setpoint, or other method. Device operational changes through behavioral actions are not eligible.
 - Not be participating in a California ISO PDR or RDRR, or registered in the California ISO DRRS.
 - Not be a distribution service customer of Pacific Gas and Electric Company (PG&E).

Description of how the applicant meets the eligibility requirements specific to the respective incentive option(s)

- Application should specify the applicant, or its authorized third party, is a third party load flexibility provider, POU, or community choice aggregator (CCA) and contain a description of or reference to the following:
 - Receive authorization from participants allowing for use of their device for the purposes of DSGS Program participation.
 - Ability to send dispatch signals to or directly control individual devices



participating in the load flexibility VPP.

- Ability to collect and provide 15-minute or 5-minute load data from a smart thermostat-controlled HVAC system, or other eligible device, to the CEC. If HVAC load data is unavailable, then the HVAC runtime data from a smart thermostat can be provided as an alternative.
- Have either a) 200 kW across all aggregations, b) 100 kW in at least one single aggregation, or c) 50 kW in at least 3 aggregations

Description of how the applicant plans to implement the program under the respective incentive option structure(s)

- Application should contain a description of or reference to
 - Participant enrollment
 - DSGS event monitoring

Description of how the applicant plans to allocate incentives to participants

- Application should describe that the customers will receive a portion of the incentives, i.e. through revenue splitting models or incentive allocations.

Description of the applicant's plans to implement quality control on device-level load data or smart thermostat runtime data, including minimum standards for completeness and quality

- Application should contain, at a minimum, a description or reference to the following:
 - Data collection process
 - Process for ensuring completeness of meter data records for each device
 - Process for ensuring accuracy of meter data records for each device
 - Any runtime data sampling processes