



Electric Sample Form No. 79-1219

Sheet 1

Low Variability Microgrid Standby Customer Application for Standby Waiver Per Special Condition 16 of Schedule S and Special Condition 15 of Schedule SB

Please Refer to Attached Sample Form

(Continued)

Advice 6364-E-B
Decision D.21-07-011

Issued by
Meredith Allen
Vice President, Regulatory Affairs

Submitted March 16, 2023
Effective June 16, 2023
Resolution _____



LOW VARIABILITY MICROGRID STANDBY CUSTOMER APPLICATION FOR STANDBY WAIVER PER SPECIAL CONDITION 16 OF SCHEDULE S AND SPECIAL CONDITION 15 OF SCHEDULE SB

Microgrid Customer Name¹: _____

Service Address:

Street: _____

City/Zip Code: _____

PG&E project ID: _____ and/or

PG&E electric service account #: _____

Microgrid Customer operates a microgrid interconnected under Rule 21 and under one of PG&E's retail tariffs with generation and storage resources that meet the following performance standards, including resources that use natural gas as a fuel, and meets the following operating and emissions criteria:

Operating Criteria:

1. Microgrid has a Capacity Factor² of greater than 85 percent or Self-Supply Factor³ greater than 85 percent and;
2. Availability of the microgrid is greater than 95 percent where Availability is defined as the number of annual hours a resource is able to produce electricity divided by the total hours in a year.

Note: For demonstrating compliance with this **operating criteria**, PG&E accepts credible, publicly available independently verified third-party initial bench test data or actual real-time operational performance data from substantially similar equipment at the time of interconnection application and independent, third-party certification of performance data documenting that the microgrid customers operation of the project continues to comply with the performance standard semi-annually thereafter.

Does the resource comply with BOTH criteria above? Yes _____; No _____. Please attach evidence of compliance.

If 'No' then not qualified for Reservation Capacity suspension.

¹ Low Variability Microgrid Standby Customer definition and eligibility requirements are described in California Public Utilities Commission Decision (D.)D.21-07-011.

² Capacity Factor is defined as the ratio of energy actually produced by a generating unit to the maximum amount of energy it could produce over the course of a year.

³ Self-Supply Factor is defined as the ratio of electricity actually produced by the Customer's Microgrid to the total amount of electricity consumed at the Customer's site, regardless of source, over the course of a year.

† Information collected on this application is handled in accordance with PG&E's Privacy Policy.
The Privacy Policy is available at pge.com/privacy.

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Emissions Criteria:

1. Each non-Renewable Resource⁴ within a microgrid shall individually comply with the emissions standards adopted by the State Air Resources Board pursuant to the distributed generation certification program requirements of Section 94203 of Title 17 of the California Code of Regulations, or any successor regulation, regardless of if the resource is required to obtain certification, pursuant to the California Air Resources Board (CARB) distributed generation program;

Does the resource comply? Yes _____; No _____. Please attach evidence of compliance⁵.

If 'No' then not qualified for Reservation Capacity suspension.

2. Each non-Renewable Resource within a microgrid shall have the technical capacity to operate using at least one renewable fuel, such as, but not limited to, renewable natural gas, biogas, and green hydrogen by at the time of application for the suspension.

Does resource operate using at least one renewable fuel? Yes _____; No _____. Please attach evidence of compliance⁶. If 'No' see below.

If "No" then Microgrid Customer must commit at the time of this application to convert to and exclusively use renewable fuels, as reasonably feasible and practicable, by December 31, 2030. Additionally, Microgrid customer must submit the following information to the PG&E on their progress to transitioning to renewable fuels:

- a) status of renewable fuel use by percentage at the time of the report and
- b) activities under way for procurement of renewable fuels for all use by the microgrid by December 31, 2030. **Customer must submit this report to PG&E by January 1, 2025.**

3. Semi-annual and Annual Performance Standard Certification

For demonstrating compliance with the Microgrid performance criteria, PG&E will accept either: (1) independently verified, reputable third-party bench test data over a shorter time period that when extrapolated would meet the performance standards adopted in CPUC Decision 21-07-011; or (2) actual, real-time operating performance data from substantially similar equipment demonstrating that it meets the performance standards adopted by D.21-

⁴ Non-Renewable Resources are defined as a resource that is not renewable pursuant to the latest version of the California Energy Commission's (CEC's) Renewables Portfolio Standard (RPS) Eligibility Guidebook and the Overall Program Guidebook.

⁵ Evidence of compliance is an independently verified, reputable third-party bench test data meeting the first emissions criteria stated above or certification from CARB.

⁶ Evidence of compliance is the manufacturer's credible documentation of the ability of the equipment to operate using one or more renewable fuels while meeting all applicable performance standards.



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07-011. Additionally, PG&E will accept actual real-time operating performance data documenting that the Low Variability Microgrid Standby Customer's operation of the Microgrid continues to comply with the Microgrid performance standard semi-annually thereafter. Customers designated as Low Variability Microgrid Standby Customers will need to submit the semi-annual third-party certification by January 31 and July 31 each year for the period July-December and January-June, respectively. The performance standards certification or report received from a Low Variability Microgrid Standby Customer will be submitted by PG&E to the CPUC's Energy Division via compliance filing (i.e., Energy Division electronic mailbox) semiannually by February 28 and August 31. Failure to maintain semi-annual certification of the microgrid performance standards shall result in immediate termination from the Capacity Reservation Charge (CRC) suspension. A Customer terminated as being a Low Variability Microgrid Standby Customer due to failure to submit proper recertification documentation in a timely manner will be eligible to re-apply for suspension of the CRC no earlier than one year from termination by PG&E.

4. Emissions Certification

For demonstrating ongoing compliance with the first emissions criteria [on p. 45 of **D.21-07-011** stated in both Special Condition 16 in Schedule S and Special Condition 15 in Schedule SB], the customer shall annually, upon both application and renewal, provide the utilities with either: (a) certification from the CARB that the microgrid resource receiving a standby charge exemption continues to be certified, or has been re-certified, by the State Air Resources Board pursuant to the distributed generation certification program requirements of Section 94203 of Title 17 of the California Code of Regulations, or any successor regulation; or (b) independently verified, reputable third-party bench test data demonstrating that the resource continues to meet the emissions standards adopted by the State Air Resources Board pursuant to the distributed generation certification program requirements of Section 94203 of Title 17 of the California Code of Regulations, or any successor regulation ("CARB Emissions Standards"), regardless of if the resource is required to obtain certification. To satisfy (b), the customer may provide to the IOU:

1. the annual emissions report the customer transmits to the customer's local air district;
2. the same information requested of the customer by the Air Pollution Control Officer regarding emissions from the equipment; or
3. an attestation under penalty of perjury that the periodic emissions information they are providing is accurate.



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Demand Assurance Amount

Billing: For any month in which the Low Variability Microgrid Standby Customer's maximum created demand is below the Capacity Reservation Amount (kW), defined below, the Low Variability Microgrid Standby Customer will pay no Standby Reservation Capacity Charge. For any month in which the customer's maximum created demand exceeds the Capacity Reservation Amount, the microgrid customer will pay a Demand Assurance Amount which is defined as two times the Standby Reservation Capacity Charge.

Capacity Reservation Amount for this special condition: PG&E shall set the capacity reservation amount at the maximum expected demand in excess of the demand regularly served by the utility based on the best available information. In determining the maximum expected demand, PG&E will consider the documentation provided by the customer to satisfy the performance criteria required by this Special Condition.

Microgrid Customer agrees to the conditions set forth in this application.

Signed: _____

Name: _____

Title: _____

Date: _____