



Southern California Edison
Rosemead, California (U 338-E)

Original
Cancelling

Cal. PUC Sheet No. 72326-E
Cal. PUC Sheet No.

Sheet 1

Low Variability Microgrid Standby Customer Application for Suspension of the Capacity Reservation
Charge Component of the Standby Tariff
Form 14-990

(To be inserted by utility)
Advice 4612-E-A
Decision 21 07-011

Issued by
Michael Backstrom
Vice President

(To be inserted by Cal. PUC)
Date Submitted Mar 1, 2023
Effective Jun 9, 2023
Resolution _____



An EDISON INTERNATIONAL Company

**LOW VARIABILITY MICROGRID STANDBY CUSTOMER APPLICATION FOR
SUSPENSION OF THE CAPACITY RESERVATION CHARGE COMPONENT
OF THE STANDBY TARIFF**

<i>Project Name:</i>	<i>Date</i>	<i>Generating Facility ID:</i>

(For SCE Use Only)

Customer Electric Account Information *(Behind which meter and to which electric Service Account will the Microgrid be interconnected with SCE?)*

Name shown on SCE service account	Service Account Number	Meter Number

NOTE: Customer Service account number must match the customer's utility bill account information.

Service Account Street Address	City	State	Zip

Customer Account Contact Information *(Who is the customer contact for progress updates and /or additional information?)*

Contact Person	Company Name

Phone	Fax	E-mail

Mailing Address	City	State	Zip

Project Contact Information *(Who is the project contact for this Microgrid?)*

Project Contact Person	Company Name

Phone	Fax	E-mail

Mailing Address	City	State	Zip

Low Variability Microgrid Standby Customer operates a Microgrid interconnected under Rule 21 and under one of Southern California Edison Company's (SCE) 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 performance and emissions criteria:

1. Performance Standards (must select "yes" for both a and b)

- a. Capacity Factor or Self-Supply Factor as a whole is greater than 85 percent

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

Self-Supply Factor = 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

Is the Capacity Factor or Self-Supply Factor as a whole greater than 85 percent?

Yes _____ No _____

- b. Availability of the Microgrid is greater than 95 percent

Availability = the number of hours a resource is producing electricity or available to produce electricity divided by the total hours in a year.

Is the Availability of the Microgrid greater as a whole greater than 95 percent?

Yes _____ No _____

Note: For demonstrating compliance with the Microgrid performance criteria, SCE accepts independently verified, reputable third-party bench test data over a shorter time period that when extrapolated would meet the performance standards adopted in Decision (D.)21-07-011 or actual, real-time operating performance data from substantially similar equipment meeting the performance standards adopted by D.21-07-011, and 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. Performance standards certification received from Low Variability Microgrid Standby Customer will be submitted by SCE 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 SCE.

2. Emissions Standards

- a. Each non-renewable source 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.

Note: For demonstrating compliance with the emissions criterion in Section 2.a, SCE accepts independently verified, reputable third-party bench test data meeting the emissions standards or certification from CARB. However, SCE prefers a certification from CARB. For demonstrating ongoing compliance with the first emissions criteria [located on p. 45 of D.21-07-011 and stated in Special Condition 26.b.(1) Schedule TOU-8-RTP-S; Special Condition 23.b.(1) for Schedule TOU-8-S; Special Condition 14.b.(1) for Schedule S], the customer shall annually, upon both application and renewal, provide SCE 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 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

Customers designated as Low Variability Microgrid Standby Customers will need to submit the annual documentation. Emission standards reports will be submitted by SCE to the CPUC’s Energy Division via compliance filing (i.e., Energy Division electronic mailbox) by January 31 for the previous calendar year. Failure to submit annual documentation demonstrating ongoing compliance with the first emissions criteria (including in the event that such documentation shows that a microgrid resource is no longer certified, if applicable, or alternatively the CARB Emissions Standards were not met) shall result in immediate termination from the CRC suspension. A Customer terminated as being a Low Variability Microgrid Standby Customer due to failure to submit proper documentation in a timely manner will be eligible to re-apply for suspension of the CRC no earlier than one year from termination by SCE.

Is the resource certified by CARB?

Yes _____ No _____

If not by CARB, is the resource certified by an independent, reputable third party?

Yes _____ No _____

Provide evidence of certification, and if ‘No’ then not qualified for suspension.

- b. Non-renewable resources must 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 at the time of application for the suspension. Non-renewable resources are resources that are not defined as renewable in the latest version of the California Energy Commission's (CEC's) Renewables Portfolio Standard (RPS) Eligibility Guidebook and the Overall Program Guidebook.

Note: For demonstrating compliance with the criterion in Section 2.b, SCE accepts 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.

Does resource operate using at least one renewable fuel?

Yes _____ No _____

- c. Low Variability Microgrid Standby Customer must commit at the time of this application for the suspension to converting to and exclusively utilizing renewable fuels, as reasonably feasible and practicable, by December 31, 2030.

Note: For demonstrating compliance with Section 2.c, Low Variability Microgrid Standby Customer must submit the following information to SCE 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. Customers must submit this report to SCE by January 1, 2025.

Does the Low Variability Microgrid Standby Customer commit to converting to and exclusively utilizing renewable fuels by December 31, 2030?

Yes _____ No _____

Does the Low Variability Microgrid Standby Customer commit to submitting a) and b) above to SCE by January 1, 2025?

Yes _____ No _____

3. Self-Generation Incentive Program

Low Variability Microgrid Standby Customer must not have received, or be expected to receive, an incentive payment through the Self-Generation Incentive Program unless it can demonstrate incremental benefit. The Low Variability Microgrid Standby Customer could demonstrate that the operation of the Microgrid would be functionally different than otherwise operated in absence of the suspension in order to still qualify.

Did the Low Variability Microgrid Standby Customer receive or expect to receive SGIP payment?

Yes _____ No _____

If yes to above, can the Low Variability Standby Customer demonstrate incremental benefit (e.g., the operation of the Microgrid functionally different than otherwise operated in absence of the CRC suspension)?

Yes _____ No _____

4. Demand Assurance Amount

Low Variability Microgrid Standby Customer who qualify for Capacity Reservation Component (CRC) suspension may be subject to Demand Assurance amount when the Microgrid fails or when it cannot serve the load, and it relies on SCE's system. Demand Assurance Amount is twice the amount of the CRC \$/kW established in the Rates section of the applicable SCE Standby tariff.

5. Agreement

By submitting this application, the Low Variability Microgrid Standby Customer agrees to the terms and conditions of the CRC suspension as set forth in SCE's Schedule S, Schedule TOU-8-S, or Schedule TOU-8-RTP-S.

Applicant

Agreed and submitted by:

Applicant's Legal Name: _____

Title: _____

Signature: _____

Date: _____