



**ELECTRIC SCHEDULE E-BTMM
BEHIND-THE-METER MICROGRIDS**

Sheet 1

(N)
(N)

APPLICABILITY: Schedule E-BTMM is a tariff reference guide, applicable to a BTMM Customer (as defined below) requesting to set up a Microgrid (as defined below), pursuant to California Public Utilities Commission (CPUC) Decision (D.) 21-01-018.

(N)

TERRITORY: Within the entire territory served by PG&E.

RATES: All rates charged to a BTMM Customer will be in accordance with the BTMM Customer's otherwise applicable rate schedule(s) (OAS). PG&E rates and rate design, including the rates and rate design referenced in this Tariff, are subject to change from time to time. Customers should take this into consideration when making any long-term decisions based on rate structures that are currently in place.

DEFINITIONS: The definitions of the capitalized terms used in this Schedule are either found herein or in Electric Rule 1, the rate schedules and rules referenced in this Schedule, or the BTMM Customer's OAS.

a) Behind-the-Meter Microgrid (BTMM): A Microgrid system that:

- (1) meets the definition of Microgrid (as defined in this Schedule);
- (2) involves a single customer establishing a Microgrid behind a single Utility billing meter;
- (3) consists of resources that are interconnected under the terms of Electric Rule 21; and
- (4) consists of resource is individually eligible for a NEM successor tariff that reflects the orders in D.16-01-044.¹

b) Distributed Energy Resource (DER): As defined under Public Utilities Code Section 8370(b), an electric generation or storage technology that complies 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.

c) Microgrid: As defined under Public Utilities Code Section 8370(d), an interconnected system of loads and energy resources, including, but not limited to, distributed energy resources, energy storage, demand response tools, or other management, forecasting, and analytical tools, appropriately sized to meet customer needs, within a clearly defined electrical boundary that can act as a single, controllable entity, and can connect to, disconnect from, or run in parallel with, larger portions of the electrical grid, or can be managed and isolated to withstand larger disturbances and maintain electrical supply to connected critical infrastructure.

d) BTMM Customer: Defined as a eligible Customer installing, deploying, and operating a Behind-the-Meter Microgrid (BTMM) under Schedule E-BTMM.

¹ PG&E's legacy NEM schedule is Schedule NEM and its successor schedule is Schedule NEM2.

(N)

(Continued)



**ELECTRIC SCHEDULE E-BTMM
BEHIND-THE-METER MICROGRIDS**

Sheet 2

(N)
(N)

EXISTING
TARIFFS THAT
MAY APPLY TO
BTMM
CUSTOMERS:³

1. Electric Rule 21 (Rule 21) – Generating Facility Interconnections

(N)

Rule 21 applies to all BTMM Customers operating a DER in parallel with the PG&E's electric grid and describes the interconnection, operating, and metering requirements for those Generating Facilities to be interconnected with PG&E electric grid.

2. Electric Rule 18 (Rule 18) – Supply to Separate Premises and Submetering of Electric Energy

A BTMM Customer shall not furnish or use electricity received from the Utility upon other Premises for purposes other than those specified in the customer's application for service or in the applicable rate schedule, except for microgrids allowed under Rule 18, Section B.2.⁴

3. Miscellaneous

a) *Schedule NEM: Net Energy Metering Service*

Pursuant to CPUC Section 2827 (PU Code Section 2827), Schedule NEM is applicable "to a customer who uses a Renewable Electrical Generation Facility (REGF) as defined below with a capacity of not more than 1,000 kilowatts that is located on the customer's owned, leased, or rented premises, is interconnected and operates in parallel with PG&E's transmission and distribution systems, including wind energy co-metering customers as defined in California Public Utilities Code Section 2827.8, and is intended primarily to offset part or all of the customer's own electrical requirements (hereinafter "eligible customer-generator" or "customer"). Notwithstanding the definition of "eligible customer-generator" above, eligible customer generator also includes (i) the California Department of Corrections and Rehabilitation (CDCR) pursuant to Special Condition 8 of [the NEM] tariff and (ii) the United States Armed Forces ("Armed Forces") pursuant to Special Condition 9 of [the NEM] tariff. For a NEM REGF paired with storage, see Special Condition 11 [of the NEM tariff]".

b) *Schedule NEM2: Net Energy Metering Service – (Successor Tariff)*

Pursuant to PU Code Section 2827.1, and D. 16-01-044, Schedule NEM2 is applicable to "a customer who takes service on an applicable time-of-use (TOU) rate schedule [see footnotes 1 and 2 in NEM2] and who uses a Renewable Electrical Generation Facility (REGF) as defined [in the NEM2 tariff] that is located on the customer's owned, leased, or rented premises, is interconnected and operates in parallel with PG&E's transmission and distribution systems, and is intended primarily to offset part or all of the customer's own electrical requirements (hereinafter "eligible customer-generator" or "customer"). For a NEM REGF paired with storage, see [the NEM2] Special Condition 9."

³ For illustrative purposes, per each tariff's Applicability at the time the E-BTMM was created, subject to change from time to time.

⁴ As approved in PG&E Advice Letter 6097-E, or subsequently revised.

(N)

(Continued)



**ELECTRIC SCHEDULE E-BTMM
BEHIND-THE-METER MICROGRIDS**

Sheet 3

(N)
(N)

EXISTING
TARIFFS THAT
MAY APPLY TO
BTMM
CUSTOMERS
(Cont'd):

3. Miscellaneous (Cont'd)

(N)

b) Schedule *NEM2: Net Energy Metering Service* – (Successor Tariff) (Cont'd)

Notwithstanding the definition of “eligible customer-generator” above, eligible customer generator also includes (i) the California Department of Corrections and Rehabilitation (CDCR) pursuant to Special Condition 7 of this [the NEM2] tariff.

c) Schedule *E-DCG: Departing Customer Generation*

E-DCG is applicable to “to customers that have Customer Generation Departing Load as defined [in E-DCG], including customers who displace all or a portion of their load with Customer Generation and including new load served by Customer Generation as set forth in Special Condition 6 [in E-DCG].”

Note “Customer Generation Departing Load is exempted or excepted from some or all of the rates described [in Special Condition 2 of E-DCG].”

d) Schedule *E-DEPART: Departing Customers*

Schedule E-DEPART (E-DEPART) is applicable to “customers no longer taking any service from PG&E” and is related to a departing account’s responsibility for Public Purpose Programs charges and Nuclear Decommissioning charges.”

e) Schedules *S: Standby Service* and *SB: Standby Electric*

Schedules S and SB are applicable to a customer to which “PG&E will supply electricity and capacity on a standby basis under the terms of this schedule for customers” falling under the categories listed the tariff sheets for these schedules. Note that “Beginning on March 2021, customers still served on Schedule S will be transitioned to Schedule SB as discussed [in Schedule SB]”.

Also of note, solar customers who are taking service under PG&E’s net metering tariffs or who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E’s power grid are exempt from standby charges. Non solar customers taking service under one of PG&E net metering schedules may be exempt from standby charges pursuant to PU Code 2827.

f) Multiple Tariff Facilities

The terms and conditions applicable to Multiple Tariff Facilities involving Schedule NEM and/or NEM2 are set forth under Special Condition 4 in each tariff.

(N)

(Continued)



**ELECTRIC SCHEDULE E-BTMM
BEHIND-THE-METER MICROGRIDS**

Sheet 4

(N)
(N)

EXISTING
TARIFFS THAT
MAY APPLY TO
BTMM
CUSTOMERS
(Cont'd):

3. Miscellaneous (Cont'd)

g) Other Tariffs

PG&E has included here the most commonly referenced tariffs, however, other tariffs may apply and BTMM Customer must comply with all other applicable tariffs. This includes the "otherwise applicable metered rate schedule" or "otherwise applicable schedule," (OAS), as defined in Schedules NEM and NEM2.

APPLICATION
AND REVIEW
PROCESS
REQUIREMENTS:

1. BTMMs Operating in Parallel with the PG&E electric grid

BTMM Customers seeking to install a BTMM that will operate in parallel with the Utility Distribution System shall submit an Interconnection Request in accordance with the provisions in Rule 21, and any applicable program tariff (such as NEM or NEM2).

2. BTMMs Consisting of Backup Generation that Only Operates During a Grid Outage, (i.e., does not operate in parallel with the PG&E's electric grid)

E-BTMM Customers seeking to establish a BTMM eligible under Electric Rule 18, Section B.2, that will not operate in parallel with the PG&E's Electric Grid and for situations not addressed in Rule 21, must contact PG&E to have their generator noted on the Service Point at their Premise, pursuant to the PG&E's Greenbook and Distribution Interconnection Handbook (DIH) requirements for such generators. The contact information to notify PG&E can be found on PG&E's resiliency project engagement guide [<https://www.pge.com/resilience>].

3. A guidance flow chart, that will be updated regularly, can be found at <https://www.pge.com/resilience>, that when used with this tariff, will inform applicants of their options for a BTMM.

(N)

(N)