

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 6170E
As of October 13, 2021

Subject: Pacific Gas & Electric Company's Proposed Behind-the-Meter Microgrid Tariff Pursuant to Decision 21-01-018

Division Assigned: Energy

Date Filed: 04-21-2021

Date to Calendar: 04-23-2021

Authorizing Documents: D2101018

Disposition:

Signed

Effective Date:

10-07-2021

Resolution Required: Yes

Resolution Number: E-5162

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Kimberly Loo

415-973-4587

PGETariffs@pge.com

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

The Energy Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Energy Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Energy Division staff based on the information contained in the Energy Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Energy Division's Tariff Unit by e-mail to
edtariffunit@cpuc.ca.gov



Erik Jacobson
Director
Regulatory Relations

Pacific Gas and Electric Company
77 Beale St., Mail Code B13U
P.O. Box 770000
San Francisco, CA 94177

Fax: 415-973-3585

April 21, 2021

Advice 6170-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

**Subject: Pacific Gas & Electric Company's Proposed Behind-the-Meter
Microgrid Tariff Pursuant to Decision 21-01-018**

Purpose

Pacific Gas and Electric Company ("PG&E") hereby submits this Tier 3 Advice Letter ("AL") proposing a behind-the-meter ("BTM") microgrid tariff ("Tariff"), in compliance with the California Public Utilities Commission ("CPUC" or "Commission") Decision ("D.") 21-01-018 ("Decision") Ordering Paragraph ("OP") 4.

Background

The Commission initiated Rulemaking ("R.") 19-09-009 to develop a policy framework surrounding the commercialization of microgrids and related resiliency strategies, and to implement Senate Bill (SB) 1339 (Stern, 2018).

On July 3, 2020, the assigned Commissioner issued an amended Scoping Memo and Ruling for Track 2. This amended Scoping Memo and Ruling focused on the continued implementation of SB 1339. SB 1339 requires the Commission to implement microgrid standards, protocols, guidelines, methods, rates, and tariffs as necessary, as well as reduce barriers to microgrid deployment statewide.

Subsequently, the assigned Administrative Law Judge ("ALJ") issued a Ruling on July 23, 2020 (the "Ruling") with a proposal prepared by the Commission's Energy Division, titled, *Facilitating the Commercialization of Microgrids Pursuant to Senate Bill 1339 (Staff Proposal)*.

Within the Staff Proposal, Primary Proposal 3 ("Proposal 3") Staff Proposal offered three options to support the development of a standardized tariff that would enable the installation of an array of component technologies that individually follow Rule 21 interconnection requirements to compromise a microgrid. Later for Proposal 3, five tariff constructs were presented and summarized in the Ruling.

On January 21, 2021, the Commission adopted D.21-01-018, which approves with modification a Staff proposal to form a new behind-the-meter microgrid tariff. D.21-01-018 concludes, “[a]fter careful consideration of the Staff Proposal’s recommendations and the parties’ responses to it, we adopt Proposal 3, Option 4 and Option 5 with modification to form the new microgrid tariff.”¹

As required by OP 4 of D.21-01-018, PG&E submits this advice letter to:

- Create a new microgrid tariff applicable to systems that: (a) meet the definition of a microgrid contained in Senate Bill 1339; (b) involve a single customer establishing a microgrid at a single account; (c) consist of resources that are interconnected under the terms of Electric Rule 21; and (d) consist of resources that are individually eligible for a net energy metering successor schedule that reflects the orders in Decision 16-01-044;
- Without changing or redefining terms, incorporate applicable existing tariffs into the new microgrid tariff by reference, including the tariffs that encompass the investor-owned utility’s Net Energy Metering Multiple Tariffs program;
- Incorporate the new microgrid tariff into the resiliency project engagement guide required by Decision 20-06-017, Ordering Paragraph 9; and
- Incorporate the new microgrid tariff into all other relevant materials, including any websites or portals, where other related tariffs are presented.

Discussion

Proposed Microgrid Tariff

PG&E proposes to create a new microgrid tariff *Schedule E-BTMM – Behind-the-Meter Microgrids* within its electric tariff book.

The E-BTMM tariff introduces several new definitions:

- a) A Behind the Meter Microgrid (BTMM) that, based on the four requirements laid out in OP 4 of D. 21-01-018:
 - “meets the definition of a microgrid contained in Senate Bill 1339” – PG&E references a definition of a microgrid in the E-BTMM tariff, which incorporates verbatim the SB 1339 definition.²
 - “involves a single customer establishing a microgrid at a single account” – PG&E interprets a “*single account*” to mean a microgrid “*behind a single billing meter.*”

¹ D.21-01-018, p. 44.

² *Cal. Pub. Util. Code* § 8370(d).

- “consists of resources that are interconnected under the terms of Electric Rule 21;” and
 - “consists of resources that are individually eligible for a net energy metering successor schedule that reflects the orders in Decision 16-01-044”³ - PG&E includes a footnote in E-BTMM specifically identifying PG&E’s legacy NEM schedule as Schedule NEM and its successor schedule as Schedule NEM2. Although Schedule NEM is not strictly a “successor” tariff, D.14-03-041⁴ referenced in D.16-01-044, did allow Schedule NEM customers to add storage and remain on Schedule NEM. Adding storage is a typically key for element for a microgrid backup/resiliency setup.
- b) Distributed Energy Resources (DER) – adopts the definition in California Public Utilities Code Section 8370(b).
- c) Microgrid – adopts the definition in California Public Utilities Code Section 8370(d).
- d) BTMM Customer - is defined as an eligible customer installing, deploying, and operating a behind-the-meter microgrid under Schedule E-BTMM.

Referencing Applicable Existing Tariffs

Schedule E-BTMM references existing applicable tariffs in E-BTMM without changing or redefining terms. Specifically, E-BTMM cites to:

- 1) Electric Rule 21 – E-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.
- 2) Electric Rule 18 – Schedule E-BTMM also includes references to Electric Rule 18 (Supply to Separate Premises and Resale) and Rule 21 (Generating Facility Interconnections). E-BTMM Customers seeking to establish a BTMM eligible under Rule 18, Section B, that will not operate in parallel with the PG&E’s Electric Grid should 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

³ [D. 16-01-044](#) - *Decision Adopting Successor to Net Energy Metering Tariff*. (Issued February 5, 2016).

⁴ [D. 14-03-041](#) - *Decision Establishing A Transition Period Pursuant to Assembly Bill 327 For Customers Enrolled in Net Energy Metering Tariffs*. (Issued April 4, 2014). See OP 6 and PG&E Advice Letter 4418-E, which as directed added the Schedule NEM language: “Storage: To the extent that eligible energy storage systems are granted interconnection exemptions under Net Energy Metering, they shall be treated in the same way, and subject to the same transition period, as the underlying Renewable Electrical Generation Facility to which they are connected.”

notify PG&E can be found on PG&E's resiliency project engagement guide webpage.⁵

- 3) Miscellaneous Tariffs - These includes schedules, with a brief summary of their applicability as of the time of this advice letter:
- NEM - Net Energy Metering Service
 - NEM2 - Net Energy Metering Service (successor tariff)
 - E-DCG - Departing Customer Generation
 - E-DEPART - Departing Customers
 - S or SB - Standby Service or Standby Electric, respectively.
 - NEMMT - Net Energy Metering Multiple Tariffs (NEMMT) program.⁶
 - Other Tariffs that may be applicable. All rates charged to a BTMM Customer will be in accordance with the BTMM Customer's otherwise applicable rate schedule(s).⁷

Resiliency Project Engagement Guide and Other Relevant Materials

OP 4 of D.21-01-018 requires PG&E to incorporate the new microgrid tariff into the resiliency project engagement guide required by OP 9 of Decision 20-06-017, and all other relevant materials, including any websites or portals, where other related tariffs are presented. PG&E's proposal for a resiliency project engagement guide is outlined in Advice Letter 5881-E, made effective December 11, 2020. Upon disposition of this advice letter, PG&E will incorporate Schedule BTMM into its resiliency project engagement guide.

Additionally, PG&E includes as Attachment 2 an illustrative guidance flowchart that is referenced in the tariff and will be incorporated into PG&E resiliency project engagement guide website. It will also provide links to its related interconnection application portals. The flow chart will be regularly updated as options change.

⁵ <https://www.pge.com/resilience>

⁶ D. 21-01-018, p. 45 (discussing NEMMT). See also Special Condition 4 in both Schedules NEM and NEM2.

⁷ See D. 21-01-018, p. 48.

Protests

*****Due to the COVID-19 pandemic and the shelter at home orders, PG&E is currently unable to receive protests or comments to this advice letter via U.S. mail or fax. Please submit protests or comments to this advice letter to EDTariffUnit@cpuc.ca.gov and PGETariffs@pge.com*****

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than May 11, 2021, which is 20 days after the date of this filing. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

Pursuant to General Order (GO) 96-B, Industry Rule 5.3, and OP 4 of D.21-01-018, this advice letter is submitted with a Tier 3 designation. PG&E requests that this Tier 3 advice submittal become effective upon Commission approval.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for R.19-09-009. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Erik Jacobson
Director, Regulatory Relations

Attachments:

Attachment 1: New Tariff

Attachment 2: Illustrative Guidance Flowchart for Behind-the-Meter Microgrid Options

cc: Service List R.19-09-009



ADVICE LETTER SUMMARY

ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Kimberly Loo

Phone #: (415)973-4587

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: KELM@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas WATER = Water
 PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 6170-E

Tier Designation: 3

Subject of AL: Pacific Gas & Electric Company's Proposed Behind-the-Meter Microgrid Tariff Pursuant to Decision 21-01-018

Keywords (choose from CPUC listing): Compliance, Metering

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.21-01-018

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? Yes No

Requested effective date:

No. of tariff sheets: 6

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See Attachment 1

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
49666-E	ELECTRIC SCHEDULE E-BTMM BEHIND-THE-METER MICROGRIDS Sheet 1	
49667-E	ELECTRIC SCHEDULE E-BTMM BEHIND-THE-METER MICROGRIDS Sheet 2	
49668-E	ELECTRIC SCHEDULE E-BTMM BEHIND-THE-METER MICROGRIDS Sheet 3	
49669-E	ELECTRIC SCHEDULE E-BTMM BEHIND-THE-METER MICROGRIDS Sheet 4	
49670-E	ELECTRIC TABLE OF CONTENTS Sheet 1	49646-E
49671-E	ELECTRIC TABLE OF CONTENTS Sheet 7	49647-E



**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 NEM20).

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)



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Sheet 1

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Advice 6170-E
Decision D.21-01-018

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted _____
Effective _____
Resolution _____
April 21, 2021



ELECTRIC TABLE OF CONTENTS

Sheet 7

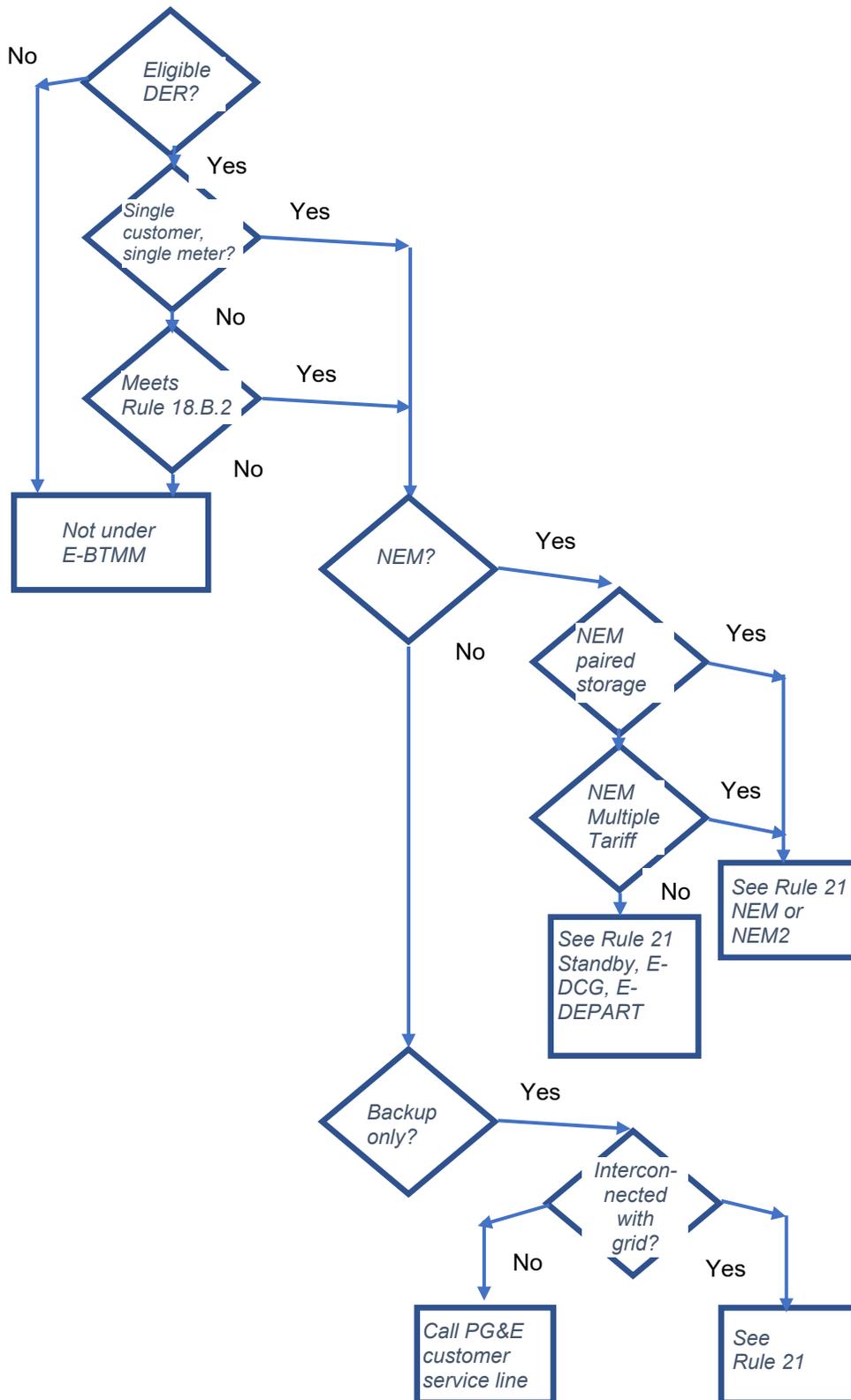
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AG	Time-of-Use Agricultural Power	48519,48912,48913,48914,48915,48916, 48917,48918,48919,48920,48921, 48922, 48923,48924,48925,48926-E
AG-1	Agricultural Power	48927,48928,48929,48930,48931,48932,45793,45794,48933,45796-E
AG-R	Split-Week Time-of-Use Agricultural Power	48971,48972,48973,48974, 48975,48976,48977,45842,45843,45844,46458,48978,46460-E
AG-V	Short-Peak Time-of-Use Agricultural Power.....	48979,48980,48981,48982, 48983,48984,48985,45853,45854,45855,48133,48986,45858-E
AG-4	Time-of-Use Agricultural Power	48934,48935,48936,48937,48938, 48939,48940,48941,48942,48943,48944,48945, 48946,48947-E
AG-5	Large Time-of-Use Agricultural Power	48948,48949,48950,48951,48952,48953, 48954,48955,48956,48957,45824,45825,45826, 45827, 46444,48958,46446,48959-E
AG-F	Flexible Off-Peak Time-of-Use Agricultural Power	46232,48960,48961,48962,48963, 48964,48965,48966,48967,48968,48969,48970-E

(Continued)

Attachment 2

Illustrative Guidance Flowchart for Behind-the-Meter Microgrid Options

**ILLUSTRATIVE GUIDANCE FLOWCHART
SCHEDULE E-BTMM
BEHIND-THE-METER MICROGRIDS**



Note: 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>).

**PG&E Gas and Electric
Advice Submittal List
General Order 96-B, Section IV**

AT&T
Albion Power Company

Alta Power Group, LLC
Anderson & Poole

Atlas ReFuel
BART

Barkovich & Yap, Inc.
California Cotton Ginners & Growers Assn
California Energy Commission

California Hub for Energy Efficiency
Financing

California Alternative Energy and
Advanced Transportation Financing
Authority
California Public Utilities Commission
Calpine

Cameron-Daniel, P.C.
Casner, Steve
Cenergy Power
Center for Biological Diversity

Chevron Pipeline and Power
City of Palo Alto

City of San Jose
Clean Power Research
Coast Economic Consulting
Commercial Energy
Crossborder Energy
Crown Road Energy, LLC
Davis Wright Tremaine LLP
Day Carter Murphy

Dept of General Services
Don Pickett & Associates, Inc.
Douglass & Liddell

East Bay Community Energy Ellison
Schneider & Harris LLP Energy
Management Service
Engineers and Scientists of California

GenOn Energy, Inc.
Goodin, MacBride, Squeri, Schlotz &
Ritchie

Green Power Institute
Hanna & Morton
ICF

IGS Energy
International Power Technology
Intestate Gas Services, Inc.
Kelly Group
Ken Bohn Consulting
Keyes & Fox LLP
Leviton Manufacturing Co., Inc.

Los Angeles County Integrated
Waste Management Task Force
MRW & Associates
Manatt Phelps Phillips
Marin Energy Authority
McKenzie & Associates

Modesto Irrigation District
NLine Energy, Inc.
NRG Solar

Office of Ratepayer Advocates
OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Redwood Coast Energy Authority
Regulatory & Cogeneration Service, Inc.
SCD Energy Solutions
San Diego Gas & Electric Company

SPURR
San Francisco Water Power and Sewer
Sempra Utilities

Sierra Telephone Company, Inc.
Southern California Edison Company
Southern California Gas Company
Spark Energy
Sun Light & Power
Sunshine Design
Tecogen, Inc.
TerraVerde Renewable Partners
Tiger Natural Gas, Inc.

TransCanada
Utility Cost Management
Utility Power Solutions
Water and Energy Consulting Wellhead
Electric Company
Western Manufactured Housing
Communities Association (WMA)
Yep Energy