

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



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 6097E
As of March 18, 2021

Subject: Modifications to Electric Rule 18 Pursuant to Decision 21-01-018

Division Assigned: Energy

Date Filed: 02-22-2021

Date to Calendar: 02-24-2021

Authorizing Documents: D2101018

Disposition:	Accepted
Effective Date:	03-24-2021

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Stuart Rubio

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- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

February 22, 2021

Advice 6097-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Modifications to Electric Rule 18 Pursuant to Decision 21-01-018

I. Purpose

Pacific Gas and Electric Company (“PG&E”) hereby submits this Tier 2 Advice Letter (“AL”) proposing modifications to its Electric Rule 18 - *Supply to Separate Premises and Submetering of Electric Energy* – to support qualifying microgrid projects, in compliance with the California Public Utilities Commission (“CPUC” or “Commission”) Decision (“D.”) 21-01-018 (“Decision”) Ordering Paragraph (“OP”) 2.

II. 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 well as reduce barriers to microgrid deployment statewide.

On January 21, 2021, the Commission adopted D.21-01-018, which approves a Staff proposal to allow public agency microgrids to use energy received from the grid to serve critical customers on adjacent parcels in the event of a grid outage.

This AL demonstrates PG&E’s compliance with OP 2 of D. 21-01-018, which requires:

- *Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company shall each file a Tier 2 advice letter, within 30 days upon the issuance of this decision, implementing Rule 18 and Rule 19 revisions pursuant to Section 3.2.3 of this decision.*

- *In this Tier 2 advice letter, Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company shall each explicitly state that microgrids owned by public agencies or by a third party that primarily serves facilities owned or operated by, or on behalf of, public agencies are permitted to supply electricity to critical facilities owned or operated by or on behalf of a public agency on an adjacent premises.*
- *In this Tier 2 advice letter, Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company shall each also form a pathway for the Rule 18 or Rule 19 microgrid projects to become live, and shall adhere to the subscription limit of 10 microgrid projects for each service territory pursuant to Section 3.2.3 of this decision, including review and approval by Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company of the facilities connected to the microgrid to ensure the microgrid system performs as required under normal and abnormal grid conditions.*

III. **Discussion**

In the advice letter, PG&E only proposes modifications to its Electric Rule 18 as described below. PG&E does not seek to modify Rule 21 - *Generating Facility Interconnections* - but will make minor application processing modifications to accommodate the interconnection of qualifying microgrid projects, as outlined in Section IV below.

Tariff Revisions

In compliance with OP2 of D.21-01-018, PG&E submits the following modifications to its Electric Rule 18 Section B.¹

B. OTHER USES OR PREMISES

A customer shall not furnish or use electricity received from PG&E upon premises, or for purposes, other than those specified in the customer's application for service except:

Where, pursuant to D.21-01-018, microgrids owned by public agencies¹ or third-party that primarily serves a facility operated by, or on behalf of, a public agency are permitted to supply electricity to a critical facility² owned or operated by, or on behalf of, a public agency on an adjacent Premises to conduct emergency and/or critical operations during a grid outage. The public agency, third-party owner of the microgrid, or the customer at the adjoining Premises is required to install a device, subject to

¹ Underlined text denotes new language. Strikethrough text denotes deleted or relocated language.

PG&E's review and approval, that prohibits parallel operations of the service line between the Premises during normal operation. This exception is subject to the limitation of Public Utilities Code Section 218. Additionally, this exception is available until PG&E has reached the cap adopted in D.21-01-018 of ten projects that have completed the interconnection process and received permission to operate in PG&E's service territory.

¹ Public agencies are state, county, local, and tribal agencies.

² For purposes of this exception, a facility is considered a critical facility if it is included in PG&E's existing critical facilities list. The critical facilities list is developed and managed by PG&E in partnership with local governments, and subject to the process adopted by the CPUC in D.19-05-042 and subsequent decisions.

IV. IMPLEMENTATION PLAN

Below is an overview of PG&E's plan for qualifying microgrid projects to implement the modifications to Rule 18, Section B:

1. Qualified customers will apply through PG&E's existing interconnection process under Rule 21 or net energy metering ("NEM").
2. Customer generation and microgrid operation will be studied and tested based on existing Rule 21 or NEM requirements.
3. PG&E will track the number of customers who qualified under the Rule 18, Section B, exception and received permission to operate.
4. PG&E will submit an advice letter with a recommendation to continue or discontinue the Rule 18 exception once the fifth microgrid project in PG&E's service territory has received permission to operate.²

No cost information is required for this advice letter. This advice letter will not increase any rate or charge, cause the withdrawal of service, or conflict with any other schedule or rule.

V. Safety Considerations

PG&E anticipates that qualifying microgrid applications for this Rule 18 exception will involve use of existing systems to complete "over-the-fence"³ connections (to qualified critical loads), or installation of new microgrid systems for this arrangement. In either event, PG&E will process applications per its existing Rule 21 requirements. PG&E will

² See D.21-01-018, OP 3.

³ The "over-the-fence" rule is codified in Sections 218 and 2868 of the California Public Utilities Code and allows generators meeting certain requirements to serve load on adjacent parcels without becoming subject to regulation as a public utility.

modify its Rule 21 technical review process to include review, and field test, of the applicant's method of isolating the generating system and critical load from the grid to ensure there is no backfeed onto the grid.

The applicant will need to include in the application sufficient documentation to show that there is relaying installed to isolate the system and critical load from their respective connections to the grid thereby assuring that the system will not impose safety issues while the grid is down. Note that this Rule 21 review will not assure the safe and reliable operation of the customer's microgrid when it is disconnected from PG&E's grid during outages.

PG&E also has information previously supplied regarding the safe and reliable operation of back-up generators applicable to the critical load service account. PG&E expects that further requirements and communications with the critical load service account might be necessary.

VI. 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 andPGETariffs@pge.com*****

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile, or E-mail, no later than **March 15, 2021**, which is 21⁴ days after the date of this submittal. 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:

⁴ The 20-day protest period concludes on a weekend; therefore, PG&E is moving this date to the following business day.

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).

VII. Effective Date

PG&E requests that this Tier 2 advice submittal become effective on regular notice, **March 24, 2021**, which is 30 calendar days after the date of submittal.

VIII. 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 lists 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 submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Erik Jacobson
Director, Regulatory Relations

cc: Service Lists R.19-09-009

Attachments



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 U 39 G)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Stuart Rubio

Phone #: (415) 973-4587

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: SHR8@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) #: 6097-E

Tier Designation: 2

Subject of AL: Modifications to Electric Rule 18 Pursuant to Decision 21-01-018

Keywords (choose from CPUC listing): Compliance

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: N/A

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: 3/24/21

No. of tariff sheets: 8

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.
48868-E	ELECTRIC RULE NO. 18 SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY Sheet 1	14329-E*
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ELECTRIC RULE NO. 18 Sheet 1
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

A. SEPARATE METERING

Separate premises, even though owned by the same customer, will not be supplied through the same meter, except as may be specifically provided for in the applicable rate schedule.

B. OTHER USES OR PREMISES

A customer shall not furnish or use electricity received from PG&E upon premises, or for purposes, other than those specified in the customer's application for service except: (T)

- 1. For PG&E's Operating Convenience as defined in PG&E's Rule 1, or (N)
- 2. Where, pursuant to D.21-01-018, microgrids owned by public agencies¹ or third-party that primarily serves a facility operated by, or on behalf of, a public agency are permitted to supply electricity to a critical facility² owned or operated by, or on behalf of, a public agency on an adjacent Premises to conduct emergency and/or critical operations during a grid outage. The public agency, third-party owner of the microgrid, or the customer at the adjoining Premises is required to install a device, subject to PG&E's review and approval, that prohibits parallel operations of the service line between the Premises during normal operation. This exception is subject to the limitation of Public Utilities Code Section 218. Additionally, this exception is available until PG&E has reached the cap adopted in D.21-01-018 of ten projects that completed the interconnection process and received permission to operate in PG&E's service territory. (N)

¹ Public agencies for purposes of this exception are defined as state, county, local, and tribal agencies. (N)

² For purposes of this exception, a facility is considered a critical facility if it is included in PG&E's existing critical facilities list. The critical facilities list is developed and managed by PG&E in partnership with local government, and subject to the process adopted by the CPUC in D.19-05-042 and subsequent decisions. (N)

(Continued)



ELECTRIC RULE NO. 18 Sheet 2
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

- C. FURNISHING AND METERING OF ELECTRICITY (L)
 - 1. RESIDENTIAL SERVICE
 - PG&E will furnish and meter electricity to each individual residential dwelling unit, except:
 - a. Where electricity is furnished under a rate schedule that specifically provides for resale service; or
 - b. Where a customer, or his predecessors in interest on the same premises, was a customer on June 13, 1978, receiving electricity through a single meter to an apartment house, mobile home park, or other multifamily accommodation, and the cost of electricity is absorbed in the rental for the individual dwelling unit, there is no separate identifiable charge by such customer to the tenants for electricity, and the rent does not vary with electric consumption; or
 - c. Where a customer or his predecessors in interest on the same premises was a customer on December 14, 1981, and submeters and furnishes electricity to residential tenants at the same rates and charges that would be applicable if the user were purchasing such electricity directly from PG&E; or
 - d. Where a mobile home park or manufactured housing community developer, owner or operator who installs, owns and operates the electric distribution system within the park, submeters and furnishes electricity to residential tenants in each occupancy, charges the same rates that would be applicable if the user were purchasing such electricity directly from PG&E, unless construction of a new mobilehome park, or manufactured housing community commenced after January 1, 1997.
- (L)

(Continued)



ELECTRIC RULE NO. 18 Sheet 3
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

- C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.) (L)
1. RESIDENTIAL SERVICE (Cont'd.)
 - e. Nothing in this section shall prevent PG&E from furnishing separately-metered service to electric equipment used in common by residential tenants or owners.
 2. NONRESIDENTIAL SERVICE

PG&E will furnish and meter electricity to each individual nonresidential premises or space, except:

 - a. Where electricity is furnished under a rate schedule that specifically provides for resale service; or
 - b. Where a customer is receiving electricity through a single meter and the cost of electricity is absorbed in the rental for the individual premises or spaces, there is no separate identifiable charge by such customer to the tenants for electricity, and the rent does not vary with electric consumption; or where all of the following conditions are met:
 - 1) Service is supplied to a high rise building* which is owned or managed by a single entity on a single premises; and
 - 2) Where a master-meter customer installs, owns, and maintains electric submeters on its existing building's distribution system for cost allocation of dynamic pricing and/or conservation incentive purposes the cost of electricity allocated to the commercial building tenants will be billed at the same rate as the master meter billed by PG&E under the CPUC approved rate schedule servicing the master meter.
 - c. Where, in the sole opinion of PG&E, it is impractical for PG&E to meter individually each premises or space. In such a case, PG&E will meter those premises or spaces that it is practical to meter, if any.
 - d. Where the Commission has authorized PG&E to supply electric service through a single meter and to furnish service to nonresidential tenants on the same basis as in 1.c. above.

* See Rule 1 for definition of High Rise Building. (L)

(Continued)



ELECTRIC RULE NO. 18 Sheet 4
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.) (L)

3. MARINAS AND SMALL CRAFT HARBORS

Notwithstanding any other provision of this rule, PG&E will furnish electrical service to the master-meter customer at a privately or publicly owned marina or small craft harbor. The master-meter customer may submeter individual slips or berths at the marina or harbor but may not submeter any land-based facility or tenant.

If the master-meter customer submeters and furnishes electricity to individual slips or berths, the rates and charges to the user must not exceed those that would apply if the user were purchasing such electricity directly from PG&E.

4. COLD-IRONING LOAD

Cold-ironing load is defined as the use of shore-supplied electricity for the lights, heating, cooling, machinery, and other needs of an ocean-going vessel while at berth or otherwise electrically connected, as replacement for the vessel's auxiliary internal electric generation.

- a. A master-metered customer may submeter a ship's cold-ironing load aboard an ocean-going vessel at the Port of San Francisco or the Port of Oakland but may not submeter any other load or land-based facility.
- b. If the master-metered customer submeters cold-ironing load to an ocean-going vessel, the rates and charges to the sub-metered user must not exceed those rates and charges the master-metered customer is billed by PG&E for such services.

5. RECREATIONAL VEHICLE (RV) PARKS

PG&E will provide electric service to all spaces in an RV park through one meter unless the condition under c. below applies. PG&E will not provide individual metering to each RV space.

(L)

(Continued)



ELECTRIC RULE NO. 18

Sheet 5

SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.)

(L)

5. RECREATIONAL VEHICLE (RV) PARKS (Cont'd.)

Under no circumstances shall an RV park owner/operator install submeters and bill the tenants for submetered energy use unless condition a., b., or c. below applies and the provisions of Section D. below are met:

- a. Where the RV park owner/operator installed a submetering system prior to May 15, 1962.
- b. Where the RV park owner/operator rents all of the RV spaces on a prepaid monthly basis to RV units used as permanent residences and qualifies for service under Schedule ESR.
- c. Where a master-metered RV park owner/operator rents RV spaces on a prepaid monthly basis to permanent-residence RV units and on a daily/weekly basis to transient RV units and arranges the electric distribution system in accordance with PG&E's applicable tariffs so that all electricity to the permanent-residence RV spaces is supplied through a separate PG&E meter. In this situation, only the separately metered portion of the RV park where all of the spaces are rented on a prepaid monthly basis to permanent-residence RV units can be submetered and would qualify for service under Schedule ESR.

Where the master-metered RV park owner/operator does not submeter the electric service to the RV spaces, such energy use shall be absorbed in the tenant's rental charge which cannot vary month to month.

Where the master-metered RV park owner/operator installed submeters prior to May 15, 1962 (see condition a. above), the owner/operator may bill the RV park tenants for such energy use, provided the billings are calculated using the same rate schedules PG&E uses for billing its customers.

Where the master-metered RV park owner/operator submeters the electric service to the permanent-residence RV park spaces under Schedule ESR (see conditions b. and c. above), the owner/operator will bill the prepaid monthly tenants for such energy use using the same rate schedules PG&E uses for billing its residential customers.

(L)

(Continued)



ELECTRIC RULE NO. 18 Sheet 6
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.)

(L)

6. ELECTRIC VEHICLES

As provided by Public Utilities Code Section 216(i), a customer who owns, controls, operates or manages a facility that supplies electricity to the public only for use to charge light duty plug-in electric vehicles is not a public utility and therefore may resell electricity without regard to this Rule. As provided by California Public Utilities Commission Decision No. 20-09-025, a customer who owns, controls, operates or manages a facility that supplies electricity to the public only for use to charge medium duty, heavy duty, or off-road plug-in electric vehicles or off-road electrical equipment is not a public utility and therefore may resell electricity without regard to this Rule. Such resale of electricity for electric vehicle charging does not affect the Commission's authority under Public Utilities Code Sections 454, 740.2, or any other applicable statute.

D. TESTING OF SUBMETERS

As a condition of service for submetering, where electric energy is furnished in accordance with Paragraphs C.1., C.2., C.3, and C.4. above, customers using submeters as a basis for charges for electricity shall submit to PG&E certification by a meter testing laboratory, satisfactory to PG&E, as to the accuracy of the submeters upon initial installation of such submeters, or for existing submeters upon request of PG&E. As a further condition of service for submetering, the customer shall agree that he will be governed by PG&E's Rule 17, Meter Tests and Adjustment of Bills for Meter Error, with the exception that the word "subcustomer" be substituted for "customer" and the words "Utility's customer" be substituted for "Company." As a further condition of service for submetering, the customer shall agree that PG&E may inspect and examine customer's billing procedures from time to time to determine that such service is made in accordance with this rule or as otherwise may be authorized by the Commission.

E. In the event such energy is furnished or resold otherwise than as provided for above, PG&E may either discontinue service to the customer or, where feasible, furnish electric energy directly to the subcustomer in accordance with PG&E's tariff on file with the Commission.

(L)



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Advice 6097-E
Decision D. 21-01-018

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted February 22, 2021
Effective _____
Resolution _____



ELECTRIC TABLE OF CONTENTS

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Advice 6097-E
Decision D. 21-01-018

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

February 22, 2021

Advice 6097-E
February 22, 2021

Attachment 2
Redline Tariff Revisions

ELECTRIC RULE NO. 18 Sheet 1
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

A. SEPARATE METERING

Separate premises, even though owned by the same customer, will not be supplied through the same meter, except as may be specifically provided for in the applicable rate schedule.

B. OTHER USES OR PREMISES

A customer shall not furnish or use electricity received from PG&E upon premises, or for purposes, other than those specified in ~~his~~ the customer's application for service except:

1. For PG&E's Operating Convenience as defined in PG&E's Rule 1, or
2. Where, pursuant to D.21-01-018, microgrids owned by public agencies¹ or third-party that primarily serves a facility operated by, or on behalf of, a public agency are permitted to supply electricity to a critical facility² owned or operated by, or on behalf of, a public agency on an adjacent Premises to conduct emergency and/or critical operations during a grid outage. The public agency, third-party owner of the microgrid, or the customer at the adjoining Premises is required to install a device, subject to PG&E's review and approval, that prohibits parallel operations of the service line between the Premises during normal operation. This exception is subject to the limitation of Public Utilities Code Section 218. Additionally, this exception is available until PG&E has reached the cap adopted in D.21-01-018 of ten projects that have completed the interconnection process and received permission to operate in PG&E's service territory.

¹ Public agencies for purposes of this exception are defined as state, county, local, and tribal agencies.

² For purposes of this exception, a facility is considered a critical facility if it is included in PG&E's existing critical facilities list. The critical facilities list is developed and managed by PG&E in partnership with local government, and subject to the process adopted by the CPUC in D.19-05-042 and subsequent decisions.

(Continued)

ELECTRIC RULE NO. 18 Sheet 1
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY

1. RESIDENTIAL SERVICE

PG&E will furnish and meter electricity to each individual residential dwelling unit, except:

- a. Where electricity is furnished under a rate schedule that specifically provides for resale service; or
- b. Where a customer, or his predecessors in interest on the same premises, was a customer on June 13, 1978, receiving electricity through a single meter to an apartment house, mobile home park, or other multifamily accommodation, and the cost of electricity is absorbed in the rental for the individual dwelling unit, there is no separate identifiable charge by such customer to the tenants for electricity, and the rent does not vary with electric consumption; or
- c. Where a customer or his predecessors in interest on the same premises was a customer on December 14, 1981, and submeters and furnishes electricity to residential tenants at the same rates and charges that would be applicable if the user were purchasing such electricity directly from PG&E; or
- d. Where a mobile home park or manufactured housing community developer, owner or operator who installs, owns and operates the electric distribution system within the park, submeters and furnishes electricity to residential tenants in each occupancy, charges the same rates that would be applicable if the user were purchasing such electricity directly from PG&E, unless construction of a new mobilehome park, or manufactured housing community commenced after January 1, 1997.

(Continued)

ELECTRIC RULE NO. 18 Sheet 2
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.)

1. RESIDENTIAL SERVICE (Cont'd.)

- e. Nothing in this section shall prevent PG&E from furnishing separately-metered service to electric equipment used in common by residential tenants or owners.

2. NONRESIDENTIAL SERVICE

PG&E will furnish and meter electricity to each individual nonresidential premises or space, except:

- a. Where electricity is furnished under a rate schedule that specifically provides for resale service; or
- b. Where a customer is receiving electricity through a single meter and the cost of electricity is absorbed in the rental for the individual premises or spaces, there is no separate identifiable charge by such customer to the tenants for electricity, and the rent does not vary with electric consumption; or where all of the following conditions are met:
 - 1) Service is supplied to a high rise building* which is owned or managed by a single entity on a single premises; and
 - 2) Where a master-meter customer installs, owns, and maintains electric submeters on its existing building's distribution system for cost allocation of dynamic pricing and/or conservation incentive purposes the cost of electricity allocated to the commercial building tenants will be billed at the same rate as the master meter billed by PG&E under the CPUC approved rate schedule servicing the master meter.
- c. Where, in the sole opinion of PG&E, it is impractical for PG&E to meter individually each premises or space. In such a case, PG&E will meter those premises or spaces that it is practical to meter, if any.
- d. Where the Commission has authorized PG&E to supply electric service through a single meter and to furnish service to nonresidential tenants on the same basis as in 1.c. above.

* See Rule 1 for definition of High Rise Building.

(Continued)

ELECTRIC RULE NO. 18 Sheet 3
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.)

3. MARINAS AND SMALL CRAFT HARBORS

Notwithstanding any other provision of this rule, PG&E will furnish electrical service to the master-meter customer at a privately or publicly owned marina or small craft harbor. The master-meter customer may submeter individual slips or berths at the marina or harbor but may not submeter any land-based facility or tenant.

If the master-meter customer submeters and furnishes electricity to individual slips or berths, the rates and charges to the user must not exceed those that would apply if the user were purchasing such electricity directly from PG&E.

4. COLD-IRONING LOAD

Cold-ironing load is defined as the use of shore-supplied electricity for the lights, heating, cooling, machinery, and other needs of an ocean-going vessel while at berth or otherwise electrically connected, as replacement for the vessel's auxiliary internal electric generation.

- a. A master-metered customer may submeter a ship's cold-ironing load aboard an ocean-going vessel at the Port of San Francisco or the Port of Oakland but may not submeter any other load or land-based facility.
- b. If the master-metered customer submeters cold-ironing load to an ocean-going vessel, the rates and charges to the sub-metered user must not exceed those rates and charges the master-metered customer is billed by PG&E for such services.

5. RECREATIONAL VEHICLE (RV) PARKS

PG&E will provide electric service to all spaces in an RV park through one meter unless the condition under c. below applies. PG&E will not provide individual metering to each RV space.

(Continued)

Advice 3587-E-A
Decision

Issued by
Jane K. Yura
Vice President
Regulation and Rates

Date Filed March 5, 2010
Effective March 5, 2010
Resolution

ELECTRIC RULE NO. 18 Sheet 4
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.)

5. RECREATIONAL VEHICLE (RV) PARKS (Cont'd.)

Under no circumstances shall an RV park owner/operator install submeters and bill the tenants for submetered energy use unless condition a., b., or c. below applies and the provisions of Section D. below are met:

- a. Where the RV park owner/operator installed a submetering system prior to May 15, 1962.
- b. Where the RV park owner/operator rents all of the RV spaces on a prepaid monthly basis to RV units used as permanent residences and qualifies for service under Schedule ESR.
- c. Where a master-metered RV park owner/operator rents RV spaces on a prepaid monthly basis to permanent-residence RV units and on a daily/weekly basis to transient RV units and arranges the electric distribution system in accordance with PG&E's applicable tariffs so that all electricity to the permanent-residence RV spaces is supplied through a separate PG&E meter. In this situation, only the separately metered portion of the RV park where all of the spaces are rented on a prepaid monthly basis to permanent-residence RV units can be submetered and would qualify for service under Schedule ESR.

Where the master-metered RV park owner/operator does not submeter the electric service to the RV spaces, such energy use shall be absorbed in the tenant's rental charge which cannot vary month to month.

Where the master-metered RV park owner/operator installed submeters prior to May 15, 1962 (see condition a. above), the owner/operator may bill the RV park tenants for such energy use, provided the billings are calculated using the same rate schedules PG&E uses for billing its customers.

Where the master-metered RV park owner/operator submeters the electric service to the permanent-residence RV park spaces under Schedule ESR (see conditions b. and c. above), the owner/operator will bill the prepaid monthly tenants for such energy use using the same rate schedules PG&E uses for billing its residential customers.

(Continued)

Advice 3587-E
Decision

Issued by
Brian K. Cherry
Vice President
Regulatory Relations

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Resolution

ELECTRIC RULE NO. 18 Sheet 5
SUPPLY TO SEPARATE PREMISES AND SUBMETERING OF ELECTRIC ENERGY

C. FURNISHING AND METERING OF ELECTRICITY (Cont'd.)

6. ELECTRIC VEHICLES

As provided by Public Utilities Code Section 216(i), a customer who owns, controls, operates or manages a facility that supplies electricity to the public only for use to charge light duty plug-in electric vehicles is not a public utility and therefore may resell electricity without regard to this Rule. As provided by California Public Utilities Commission Decision No. 20-09-025, a customer who owns, controls, operates or manages a facility that supplies electricity to the public only for use to charge medium duty, heavy duty, or off-road plug-in electric vehicles or off-road electrical equipment is not a public utility and therefore may resell electricity without regard to this Rule. Such resale of electricity for electric vehicle charging does not affect the Commission's authority under Public Utilities Code Sections 454, 740.2, or any other applicable statute.

D. TESTING OF SUBMETERS

As a condition of service for submetering, where electric energy is furnished in accordance with Paragraphs C.1., C.2., C.3, and C.4. above, customers using submeters as a basis for charges for electricity shall submit to PG&E certification by a meter testing laboratory, satisfactory to PG&E, as to the accuracy of the submeters upon initial installation of such submeters, or for existing submeters upon request of PG&E. As a further condition of service for submetering, the customer shall agree that he will be governed by PG&E's Rule 17, Meter Tests and Adjustment of Bills for Meter Error, with the exception that the word "subcustomer" be substituted for "customer" and the words "Utility's customer" be substituted for "Company." As a further condition of service for submetering, the customer shall agree that PG&E may inspect and examine customer's billing procedures from time to time to determine that such service is made in accordance with this rule or as otherwise may be authorized by the Commission.

E. In the event such energy is furnished or resold otherwise than as provided for above, PG&E may either discontinue service to the customer or, where feasible, furnish electric energy directly to the subcustomer in accordance with PG&E's tariff on file with the Commission.

**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