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

Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 4605G/6476E
As of May 31, 2022

Subject: Clean-Up of Gas and Electric Tariffs

Division Assigned: Energy

Date Filed: 04-29-2022

Date to Calendar: 05-06-2022

Authorizing Documents: None

Disposition:	**Accepted**
Effective Date:	**04-29-2022**

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Kimberly Loo
(415)973-4587
PGETariffs@pge.com

STATE OF CALIFORNIA **GAVIN NEWSOM,** *Governor*

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Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

Pacific Gas and Electric Company®

Sidney Bob Dietz II
Director
Regulatory Relations

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

Fax: 415-973-3582

April 29, 2022

Advice 4605-G/6576-E
(Pacific Gas and Electric Company ID U 39 M)

Public Utilities Commission of the State of California

Subject: **Clean-Up of Gas and Electric Tariffs**

Pacific Gas and Electric Company (PG&E) hereby submits revisions to its gas and electric tariffs. The affected tariff sheets are listed on the enclosed Attachment 1.

Purpose

The purpose of this advice letter is to make minor revisions to various gas and electric tariffs in PG&E's tariff book to consolidate language from approved advice letters, make cosmetic and formatting changes, make minor syntax edits to improve readability and clarity, correct typographical errors, update emails and web addresses that are not up to date, and update language that is consistent with current practices. The revisions are either non-substantial editorial changes to the text of a tariff or revisions in compliance with specific requirements of a statute or Commission order. The submittal will not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

This advice letter to rectify the identified issues is being submitted pursuant to Industry Rule 5.1 of General Order 96-B, that states that PG&E may submit a Tier 1 advice letter in compliance with specific requirements of a statute, or Commission order where the wording of the change follows directly from the statute or Commission order, or to make non-substantive editorial changes to the text of a tariff.

Tariff Revisions

A matrix describing all tariff revisions is included as Appendix A. The affected tariff sheets are listed on the enclosed Attachment 1. In addition, where tariffs have been revised, the redlines of the current tariffs are provided as Attachment 2.

Protests

Anyone wishing to protest this submittal may do so by letter sent electronically via E-mail, no later than May 19, 2022 which is 21 days after the date of this submittal. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
E-mail: EDTariffUnit@cpuc.ca.gov

The protest shall also be electronically sent to PG&E via E-mail at the address shown below on the same date it is electronically delivered to the Commission:

Sidney Bob Dietz II
Director, Regulatory Relations
c/o Megan Lawson
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 and 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, Rule 5.1.1 and 5.1.2, this advice letter is submitted with a Tier 1 designation. PG&E requests that this Tier 1 advice submittal become effective upon date of submittal, which is April 29, 2022.

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. 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/
Sidney Bob Dietz II
Director, Regulatory Relations

Attachments

Appendix A – Clean-Up List of Tariff Modifications
Attachment 1 - Clean Tariffs
Attachment 2 - Redline Tariff Revisions

California Public Utilities Commission

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 U39 M)

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) #: 4605-G/6576-E

Tier Designation: 1

Subject of AL: Clean-Up of Gas and Electric Tariffs

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 #:

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: 4/29/22

No. of tariff sheets: 58

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 proposed[1]: N/A

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

[1]Discuss in AL if more space is needed.

Clear Form

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

California Public Utilities Commission Energy Division Tariff Unit Email: EDTariffUnit@cpuc.ca.gov	Contact Name: Sidney Bob Dietz II, c/o Megan Lawson Title: Director, Regulatory Relations Utility/Entity Name: Pacific Gas and Electric Company Telephone (xxx) xxx-xxxx: Facsimile (xxx) xxx-xxxx: Email: PGETariffs@pge.com	
	Contact Name: Title: Utility/Entity Name: Telephone (xxx) xxx-xxxx: Facsimile (xxx) xxx-xxxx: Email:	

CPUC
Energy Division Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102

Clear Form

Appendix A

Clean-Up List of Tariff Modifications

#	Tariff	Location	Modification/Additional Information
1.	**Gas Rule No. 23-** *Gas Aggregation Service for Core Transport Customers*	Sheet 6	• In section C.3 Customer Complaints, the link for customers to submit complaints to the Commission is being updated to the newest version.
		Sheet 17	• Correcting an incorrect section reference.
2.	**Electric Contracts and Deviations –** *List of Contracts and Deviations*	Sheet 60	• Reinserting advice letter number references that were previously approved in ALs 4154-G/5651-E and 4215-G/5761-E.
3.	**Electric Form 79-1069-02**- *Medium General Demand-Metered TOU Service*	Sheet 1	• Correcting page number in the footer.
4.	**Electric Form 79-1174-02D-** *Rule 21 Generator Interconnection Application - Attachment D*	Sheets 4-5	• On January 7, 2022, PG&E submitted Tier 2 Advice 6286-E-B to make updates to the Form. It was approved on March 3, 2022 with an effective date of August 6, 2021. On January 11, 2022, PG&E submitted Tier 2 Advice 6454-E to make updates to the Form. It was approved on March 14, 2022 with an effective date of February 22, 2022. On January 24, 2022, PG&E submitted Tier 1 Advice 4558-G/6476-E to combine approved changes to the Form. This was made effective the day of submittal and later approved. This advice letter is combining these approved changes.
5.	**Electric Form 79-1174-02E-** *Rule 21 Generator Interconnection Application - Attachment E*	Sheet 4	• On January 7, 2022, PG&E submitted Tier 2 Advice 6286-E-B to make updates to the Form. It was approved on March 3, 2022 with an effective date of August 6, 2021. On January 11, 2022, PG&E submitted Tier 2 Advice 6454-E to make updates to the Form. It was approved on March 14, 2022 with an effective date of February 22, 2022. This advice letter is combining these approved changes.
6.	**Electric Form 79-1174-02F-** *Rule 21 Generator Interconnection Application - Attachment F*	Sheet 5	• On January 7, 2022, PG&E submitted Tier 2 Advice 6286-E-B to make updates to the Form. It was approved on March 3, 2022 with an effective date of August 6, 2021. *(continued on next page)*

#	Tariff	Location	Modification/Additional Information
			On January 11, 2022, PG&E submitted Tier 2 Advice 6454-E to make updates to the Form. It was approved on March 14, 2022 with an effective date of February 22, 2022. This advice letter is combining these approved changes.
7.	**Electric Form 79-1174-02G-** *Rule 21 Generator Interconnection Application - Attachment G*	Sheet 4	• On January 7, 2022, PG&E submitted Tier 2 Advice 6286-E-B to make updates to the Form. It was approved on March 3, 2022 with an effective date of August 6, 2021. On January 11, 2022, PG&E submitted Tier 2 Advice 6454-E to make updates to the Form. It was approved on March 14, 2022 with an effective date of February 22, 2022. This advice letter is combining these approved changes.
8.	**Electric Form 79-1174-02H-** *Rule 21 Generator Interconnection Application - Attachment H*	Sheet 5	• On January 7, 2022, PG&E submitted Tier 2 Advice 6286-E-B to make updates to the Form. It was approved on March 3, 2022 with an effective date of August 6, 2021. On January 11, 2022, PG&E submitted Tier 2 Advice 6454-E to make updates to the Form. It was approved on March 14, 2022 with an effective date of February 22, 2022. This advice letter is combining these approved changes.
9.	**Electric Form 79-1193**- *Agreement and Customer Authorization Net Energy Metering (NEM) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less: with Energy Storage of 10 Kilowatts or Less, or Energy Storage with Power Control System Certification*	Sheet 3	• Correcting a calculation error for “(7) Total Energy Usage calculation to match Form 79-1193-02.
10.	**Electric Form 79-978-02-** *Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities*	Sheet 3	• Correcting an incorrect section reference.

#	Tariff	Location	Modification/Additional Information
	of 1,000 kW or Less, Other Than Facilities of 30 kW or Less		
11.	**Electric Rate Schedule A-10-** *Medium General Demand-Metered Service*	Sheets 4-7	• Removing the term “Meter” that was inadvertently included on the sheets.
12.	**Electric Rate Schedule AG-** *Time-of-Use Agricultural Power*	Sheets 4-5	• Removing the term “Meter” that was inadvertently included on the sheets.
		Sheet 9	• Removing the NEMW reference, since this rate schedule is closed to customers.
		Sheet 10	• On February 26, 2021, PG&E submitted Tier 1 Advice 6090-E-A, which increased each sheet by one sheet starting from Sheet 3 to the final sheet of AG. This advice letter was made effective on March 1, 2021. On August 31, 2020, PG&E submitted Tier 2 Advice 4302-G/5932-E to make updates to Sheet 9. It was approved on October 18, 2021 with an effective date of May 6, 2021. This advice letter is combining these approved changes.
		Sheets 9-16	• The subtopic numbering is being corrected.
13.	**Electric Rate Schedule AG-F-** *Flexible Off-Peak Time-Of-Use Agricultural Power*	Sheets 5-6	• Removing the term “Meter” that was inadvertently included on the sheets.
14.	**Electric Rate Schedule B-10-** *Medium General Demand Metered Service*	Sheets 3-4	• Removing the term “Meter” that was inadvertently included on the sheets.
15.	**Electric Rate Schedule B-19-** *Medium General Demand-Metered TOU Service*	Sheet 4	• Correcting a typographical error.

#	Tariff	Location	Modification/Additional Information
16.	**Electric Rate Schedule B-6**- *Small General Time-of-Use Service*	Sheet 3	• Removing the term "Meter" that was inadvertently included on the sheets.
17.	**Electric Rate Schedule E-20-** *Service to Customers with Maximum Demands of 1000 Kilowatts or More*	Sheets 4-7	• Removing the term "Meter" that was inadvertently included on the sheets.
18.	**Electric Rate Schedule E-6-** *Residential Time-of-Use Service*	Sheet 6	• On August 31, 2020, PG&E submitted Tier 2 Advice 4302-G/5932-E to make updates to Sheet 6. It was approved on October 18, 2021 with an effective date of May 6, 2021. On December 30, 2020, PG&E submitted Tier 1 Advice 6004-E-C to make updates to Sheet 6. This advice letter was made effective on January 1, 2021. On December 30, 2021, PG&E submitted Tier 1 Advice 6408-E-B to show a location change on Sheet 6. This advice letter was made effective on January 1, 2022. This advice letter is combining these approved changes.
19.	**Electric Rate Schedule E-TOU-C-** *Residential Time-of-Use (Peak Pricing 4-9 p.m. Every Day)*	Sheet 6	• On August 31, 2020, PG&E submitted Tier 2 Advice 4302-G/5932-E to make updates to Sheet 6. It was approved on October 18, 2021 with an effective date of May 6, 2021. On June 18, 2021, PG&E submitted Tier 1 Advice 6230-E to make updates to Sheet 6. This advice letter was made effective on October 1, 2021. On January 13, 2022, PG&E submitted Tier 1 Advice 6459-E to make updates to Sheet 6. This advice letter was made effective on January 13, 2022. This advice letter is combining these approved changes.
20.	**Electric Rate Schedule NEM2**- *Net Energy Metering Service*	Sheets 13 & 14	• Updating form references to current and effective form numbers.
		Sheet 25	• Correcting capitalization error.
21.	**Electric Rate Schedule RES-BCT** - *Schedule For Local*	Sheet 11	• Updating form references to current and effective form numbers. *(continued on next page)*

#	Tariff	Location	Modification/Additional Information
	Government Renewable Energy Self-Generation Bill Credit Transfer		• Removing other references to retired forms.
22.	**Electric Rule 14**- *Shortage of Supply and Interruption of Delivery*	Sheet 3	• Correcting a typographical error.
23.	**Electric Rule No. 19**- *Medical Baseline Quantities*	Sheet 3	• Removing duplicate paragraph.
24.	**Electric Rule No. 21-** *Generating Facility Interconnections*	Sheet 30	• Removing two duplicate paragraphs.

Attachment 1
Advice 4605-G

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
37864-G	GAS RULE NO. 23 GAS AGGREGATION SERVICE FOR CORE TRANSPORT CUSTOMERS Sheet 6	34098-G
37865-G	GAS RULE NO. 23 GAS AGGREGATION SERVICE FOR CORE TRANSPORT CUSTOMERS Sheet 17	34656-G
37866-G	GAS TABLE OF CONTENTS Sheet 1	37634-G
37867-G	GAS TABLE OF CONTENTS Sheet 7	37631-G

C. CUSTOMER PROTECTION (Cont'd)

2. VERIFICATION OF ENROLLMENT (Cont'd)

h. A core transport agent shall keep a record of the confirmation of a change pursuant to Sections C.2.c, C.2.d, C.2.e, or C.2.f for three (3) years from the date of that confirmation, and shall make those records available, upon request, to the customer and to the CPUC in the course of a CPUC investigation of a customer complaint or an investigation pursuant to Public Utilities Code Section 983(c).

i. Public agencies are exempt from this rule adopted pursuant to Public Utilities Code Section 985(c) to the extent they are serving customers within their jurisdiction.

j. Notwithstanding Sections C.2.e and C.2.f above, the CPUC may require third-party verification for all residential changes to CTAs if it finds that the application of Sections C.2.e and C.2.f results in the unauthorized changing of a customer's gas service provider.

k. PG&E is exempt from this rule for customers that default to the natural gas service of PG&E.

l. Consistent with Public Utilities Code Section 985(c), CTAs and PG&E may charge for a change in gas commodity service provider in the event of early termination of service, provided that any fee or penalty changed by the supplier associated with the early termination of service, shall be disclosed in the contract of the CTA or in the applicable tariff of PG&E.

3. Customer Complaints

Pursuant to Decision (D.) 14-08-043, D.18-02-002, and Public Utilities Code Section 983, the California Public Utilities Commission (CPUC) shall accept, compile and attempt to informally resolve consumer complaints regarding CTAs; https://www.cpuc.ca.gov/consumer-support/file-a-complaint/utility-complaint. (T)

D. CUSTOMER SIGN-UP PROCESS

1. The CTA shall transmit notice of Customer Authorizations to PG&E for enrollment into the CTA's aggregation group or for switching a Customer from one CTA to another CTA using the electronic format acceptable to PG&E, a Direct Access Service Request (DASR).

(Continued)

F. ESTABLISHMENT OF CREDIT (Cont'd.)

4. REDUCING CREDITWORTHINESS REQUIREMENTS (Cont'd.)

b. CONSOLIDATED PG&E BILLING COLLATERAL

For a CTA that has reduced creditworthiness requirements by utilizing the full eighty (80) percent guarantee specified in F.4.a. above, the CTA can further reduce CWR1 if they also utilize Consolidated PG&E Billing specified in G.1.c. below. (T)

If this is the case, then:

CWR1 = (Percent of Load not billed utilizing Consolidated PG&E Billing x 18 days x DCQ x Core WACOG x 150 percent). Note that this can reduce CWR1 to zero if all of the CTA's customers are utilizing PG&E Consolidated Billing. The CTA must adhere to all of the following conditions in order to have their Rule 23 creditworthiness requirement be calculated in this manner.

1) Continue to meet the eighty (80) percent condition above;

2) Have zero Schedule G-BAL negative CTA cashout charges within the last year (requires the CTA to have at least twelve months of history with PG&E); and

3) Execute Attachment L of the CTA Agreement including the provision that allows PG&E to withhold payments if the CTA does not meet all of these conditions.

If all conditions are not met, PG&E has the authority to stop paying the CTA for payments received from customers and/or immediately terminate the CTA Agreement. If PG&E has not terminated the CTA Agreement and the conditions that led to stopping payment to CTA have been satisfied, including payment of all Schedule G-ESP (Consolidated PG&E Billing Services to Core Transport Agents) consolidated billing charges and fees, PG&E will pay the CTA for all withheld payments.

(Continued)

GAS TABLE OF CONTENTS

Sheet 1

(Continued)

GAS TABLE OF CONTENTS Sheet 7

Maps, Contracts and Deviations

(Continued)

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
52944-E	LIST OF CONTRACTS AND DEVIATIONS (Continued) Sheet 60	49261-E
52945-E	Electric Sample Form No. 79-1069-02 Generating Facility Interconnection Agreement (Multiple Tariff NEM2MT) Sheet 1	51228-E
52946-E	Electric Sample Form No. 79-1174-02D Rule 21 Generator Interconnection Application - Attachment D Sheet 1	52489-E
52947-E	Electric Sample Form No. 79-1174-02E Rule 21 Generator Interconnection Application - Attachment E Sheet 1	52490-E
52948-E	Electric Sample Form No. 79-1174-02F Rule 21 Generator Interconnection Application - Attachment F Sheet 1	52491-E
52949-E	Electric Sample Form No. 79-1174-02G Rule 21 Generator Interconnection Application - Attachment G Sheet 1	52492-E
52950-E	Electric Sample Form No. 79-1174-02H Rule 21 Generator Interconnection Application - Attachment H Sheet 1	52493-E
52951-E	Electric Sample Form No. 79-1193 Agreement and Customer Authorization Net Energy Metering (NEM) Interconnection For Solar And/Or Wind Electric Generating Facilities Of 30 Kilowatts Or Less Paired with Energy Storage of 10 Kilowatts Or Less or Energy Storage with Power Control System Certification Sheet 1	52522-E
52952-E	Electric Sample Form No. 79-978-02 Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities of 1,000 Kilowatts or Less, Other than Facilities of 30 Kilowatts or Less Sheet 1	51238-E
52953-E	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 4	52574-E
52954-E	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 5	52575-E
52955-E	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 6	52576-E

Cal P.U.C. Sheet No.	**Title of Sheet**	**Cancelling Cal P.U.C. Sheet No.**
52956-E	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 7	52577-E
52957-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 4	52586-E
52958-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 5	52587-E
52959-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 9	48919-E
52960-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 10	48920-E
52961-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 11	52589-E
52962-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 12	48922-E
52963-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 13	48923-E
52964-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 14	51526-E
52965-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 15	51527-E
52966-E	ELECTRIC SCHEDULE AG TIME-OF-USE AGRICULTURAL POWER Sheet 16	51528-E
52967-E	ELECTRIC SCHEDULE AG-F FLEXIBLE OFF-PEAK TIME-OF-USE AGRICULTURAL POWER Sheet 5	52605-E
52968-E	ELECTRIC SCHEDULE AG-F FLEXIBLE OFF-PEAK TIME-OF-USE AGRICULTURAL POWER Sheet 6	52606-E
52969-E	ELECTRIC SCHEDULE B-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 3	52621-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
52970-E	ELECTRIC SCHEDULE B-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 4	52622-E
52971-E	ELECTRIC SCHEDULE B-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 4	52624-E
52972-E	ELECTRIC SCHEDULE B-6 SMALL GENERAL TIME-OF-USE SERVICE Sheet 3	52644-E
52973-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 4	52670-E
52974-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 5	52671-E
52975-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 6	52672-E
52976-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 7	52673-E
52977-E	ELECTRIC SCHEDULE E-6 RESIDENTIAL TIME-OF-USE SERVICE Sheet 6	52390-E
52978-E	ELECTRIC SCHEDULE E-TOU-C RESIDENTIAL TIME-OF-USE (PEAK PRICING 4 - 9 p.m. EVERY DAY) Sheet 6	52499-E
52979-E	ELECTRIC SCHEDULE NEM2 NET ENERGY METERING SERVICE Sheet 13	45725-E
52980-E	ELECTRIC SCHEDULE NEM2 NET ENERGY METERING SERVICE Sheet 14	47360-E
52981-E	ELECTRIC SCHEDULE NEM2 NET ENERGY METERING SERVICE Sheet 25	37819-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
52982-E	ELECTRIC RATE SCHEDULE RES-BCT SCHEDULE FOR LOCAL GOVERNMENT RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER Sheet 11	52178-E
52983-E	ELECTRIC RULE NO. 14 SHORTAGE OF SUPPLY AND INTERRUPTION OF DELIVERY Sheet 3	35394-E
52984-E	ELECTRIC RULE NO. 19 MEDICAL BASELINE QUANTITIES Sheet 3	49740-E
52985-E	ELECTRIC RULE NO. 21 GENERATING FACILITY INTERCONNECTIONS Sheet 30	42327-E
52986-E	ELECTRIC TABLE OF CONTENTS Sheet 1	52892-E
52987-E	ELECTRIC TABLE OF CONTENTS Sheet 2	52763-E
52988-E	ELECTRIC TABLE OF CONTENTS Sheet 3	52764-E
52989-E	ELECTRIC TABLE OF CONTENTS Sheet 4	52765-E
52990-E	ELECTRIC TABLE OF CONTENTS Sheet 6	52767-E
52991-E	ELECTRIC TABLE OF CONTENTS Sheet 7	52768-E
52992-E	ELECTRIC TABLE OF CONTENTS Sheet 19	51557-E
52993-E	ELECTRIC TABLE OF CONTENTS Sheet 20	51987-E*
52994-E	ELECTRIC TABLE OF CONTENTS Sheet 21	52872-E
52995-E	ELECTRIC TABLE OF CONTENTS Sheet 25	52495-E
52996-E	ELECTRIC TABLE OF CONTENTS Sheet 28	52291-E
52997-E	ELECTRIC TABLE OF CONTENTS Sheet 29	52532-E

LIST OF CONTRACTS AND DEVIATIONS
(Continued)

Sheet 60

Name and Location of Customer / PG&E Installation Reference No.	Type or Class of Service	Execution and Expiration Dates	Commission Authorization Number and Date	Most Comparable Regular Tariff: Schedule or Rule No.	Most Comparable Regular Tariff: Contract Difference	
CORPORATE CENTER						
Federal Agencies						
Dept. of Transportation Federal Aviation Admin.	Coml	3-12-79 5 Years*1	---	Rule 15	Cost of Ownership Charge	
General Services Administration	Res/Coml/Ind	12-10-14 10 Years	G.O.96-B Section 8.2.3	---	Areawide Agreement	
Dept. of Energy DOE Laboratories and Western Area Power Administration	Coml/Ind	3-17-99 10 Years	G.O.96-A,X.B.	---	Power Delivery Service	
State Agencies						
State of California Dept. of Transportation	Street and traffic operations	4-24-00	G.O. 96-A,X.B	LS-3, TC-1	Applicability Deviation and Addendum	
California High-Speed Rail Authority	Rail Operation	04-25-14	Ref. Advice Letter 3484-G/4443-E, 3484-G-A/4443-E-A, 3484-G-B/4443-E-B, 3794-G/4986-E, 4154-G/5651-E, And 4215-G/5761-E	Rules 15 and 16	Facility Relocation and Disconnection Procedures	(T) | (T)
California High-Speed Rail Authority (HSR 10-10, HSR14-37 and HSR 16-56)	Rail Operation	Between 12-12-12 to 01-09-17	Ref. Advice Letter 5046-E And 6125-E	Rule 15 and 16	Special State Contract and Payment Process	
U.S. Armed Forces	General Service	11-1-15	G.O. 96-B Section 8.2.3 Ref. Advice Letter 4717-E	Form 79-978	Deviations in Customer Generation Agreement for the U.S. Armed Forces to Implement SB 83 (2015)	
California Department of Corrections and Rehabilitation	General Service	10-16-15	G.O. 96-B Section 8.2.3 Ref. Advice Letter 4724-E, 5545-E-A	Forms 79-978 and 79-992	Deviations in Customer Generation Agreements for the California Department of Corrections and Rehabilitation	
Supplemental Power						
N62474-67-0101 U.S. Navy: Vallejo, Stockton, Dixon, Lemoore and Moffett Field	Supplemental	10-1-66 9-30-76	G.O.96-A,X.B. 11-28-67	---	Special Rate	
DWR-855503 State of California Dept. of Water Resources State Water Project	Trans. & Exchange	11-18-66	G.O.96-A,X.B. 12-18-68	---	Special Rate Transmission, Exchange and Substation Service	
Developers/Subdividers						
Various Developers, Lot-sale Subdivisions: 24 Cash Advances 35 Performance Bonds 53 Letters of Credit	Domestic Service	Various	Res. E-1316 3-21-72	Rule 15	Annual Charge for Excess Facilities	

*1 to *4 See last page of Electric Contracts and Deviations Section for explanation of footnotes.

(Continued)

Electric Sample Form No. 79-1069-02 Sheet 1

Generating Facility Interconnection Agreement (Multiple Tariff NEM2MT)

Please Refer to Attached
Sample Form

GENERATING FACILITY INTERCONNECTION AGREEMENT (MULTIPLE TARIFF NEM2MT)

This *Generating Facility Interconnection Agreement (Multiple Tariff NEM2MT)* (Agreement) is entered into by and between ______________________________ (Producer), and Pacific Gas and Electric Company (PG&E) a California Corporation. Producer and PG&E are sometimes also referred to in this Agreement jointly as "Parties" or individually as "Party." In consideration of the mutual promises and obligations stated in this Agreement and its attachments, the Parties agree as follows:

1. SCOPE AND PURPOSE

This Agreement provides for Producer to interconnect and operate a Generating Facility in parallel with PG&E's Electric System to serve the electrical loads at the location identified in Section 2.4 (or for the qualifying energy where permitted under Section 218 of the California Public Utilities Code (PUC). The Generating Facility must be a combination of generators, but must include at least one NEM2 "Eligible customer-generator." (as defined in PG&E's Schedule NEM2). "Eligible customer-generator" may also include other eligible customer-generators such as NEM2 Renewable Electrical Generation Facility(ies), Renewable Electrical Generation Facility(ies) (as defined in PG&E's Schedule NEM) or Eligible Fuel Cell Electrical Generating Facility(ies) (as defined in PG&E's Schedule NEMFC), as allowed under Special Condition 4 of Schedule NEM2.

1.1. This Agreement provides for Producer to operate the Eligible Generator(s) pursuant to the provisions of Section 2827.1 et seq. of the PU Code and the applicable PG&E tariffs for net energy metering. This Agreement also provides for Producer to operate its Non-Eligible Generator(s). This Agreement does not provide for retail electrical service by PG&E to Producer. Such arrangements must be made separately between PG&E and Producer.

1.2. This Agreement does not address Producer's account billing and payment for energy consumption. For the Generating Facility as specified in Section 2 of this Agreement, please refer to the applicable PG&E net-energy-metered (NEM and/or NEM2) tariff schedules for billing and payment protocol.

2. SUMMARY AND DESCRIPTION OF PRODUCER'S GENERATING FACILITY

2.1 A description of the Generating Facility, including a summary of its significant components and a single-line diagram showing the general arrangement of how Producer's Generating Facility and loads are interconnected with PG&E's Electric System, are attached to and made a part of this Agreement. (Supplied by Producer as Appendix A).

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

2.2 Generating Facility identification number: _________________ (Assigned by PG&E).

2.3 Producer's electric service agreement ID number: ______________ (Assigned by PG&E).

2.4 Name and address used by PG&E to locate the electric service account used to interconnect the Generating Facility with PG&E's Electric System:

Name: _____________________________

Address: ___________________________

City/Zip Code: ______________________

2.5 The Gross Nameplate Rating of the Generating Facility is:

2.5.1 Eligible Generator(s):

biomass	________kW	digester gas	________kW
solar thermal	________kW	municipal solid waste	________kW
photovoltaic	________kW	landfill gas	________kW
wind	________kW	ocean wave	________kW
geothermal	________kW	ocean thermal	________kW
fuel cell	________kW	tidal current	________kW
small hydroelectric generation	________kW	Storage/Batteries (NEM eligible only) ________amp hours ________ inverter kW	

2.5.2 Non-Eligible Generator(s): _______ kW

2.5.3 **Total Gross** Nameplate Rating of the Generating Facility: _______ kW

2.6 The Net Nameplate Rating of the Generating Facility is:

2.6.1 Eligible Renewable Electrical Generation Facility Generator(s):

biomass ________kW	digester gas ________kW
solar thermal ________kW	municipal solid waste ________kW
photovoltaic ________kW	landfill gas ________kW
wind ________kW	ocean wave ________kW
geothermal ________kW	ocean thermal ________kW
fuel cell ________kW	tidal current ________kW
small hydroelectric generation ________kW	Storage/Batteries (NEM eligible only) ________amp hours ________ inverter kW

2.6.2 Non-Eligible Generator(s): _______ kW

2.6.3 **Total Net** Nameplate Rating of the Generating Facility: _______ kW

2.7 The maximum level of power that may be exported by the Generating Facility to PG&E's Electric System is expected to be:

2.7.1 Eligible Generator(s):

biomass ________kW	digester gas ________kW
solar thermal ________kW	municipal solid waste ________kW
photovoltaic ________kW	landfill gas ________kW
wind ________kW	ocean wave ________kW
geothermal ________kW	ocean thermal ________kW
fuel cell ________kW	tidal current ________kW
small hydroelectric generation ________kW	Storage/Batteries (NEM eligible only) ________amp hours ________ inverter kW

2.7.2 Non-Eligible Generator(s): ________ kW

2.7.3 **Total maximum level of power** that may be exported by the Generating Facility: ________ kW

2.8 the purpose of securing the Competition Transition Charge exemption available under Section 372 of the California Public Utilities Code (PUC), Producer hereby declares that the portion of the Generating Facility that is generating in a combined heat and power mode
☐ does / ☐ does not meet the requirements for Cogeneration as such term is used in Section 216.6 of the California Public Utilities Code.

2.9 The Generating Facility's expected date of Initial Operation is ________________________. The expected date of Initial Operation shall be within two years of the date of this Agreement.

2.10 For the purpose of securing certain tariff charge exemptions available under the PU Code, Producer hereby declares the following for each Generator technology of the Generating Facility:

Requirements for Distributed Energy Resource Generation as such term is used in Section 353.1 of the PU Code.

biomass	are met ☐ are not met ☐	digester gas	are met ☐ are not met ☐
solar thermal	are met ☐ are not met ☐	municipal solid waste	are met ☐ are not met ☐
photovoltaic	are met ☐ are not met ☐	landfill gas	are met ☐ are not met ☐
wind	are met ☐ are not met ☐	ocean wave	are met ☐ are not met ☐
geothermal	are met ☐ are not met ☐	ocean thermal	are met ☐ are not met ☐
fuel cell	are met ☐ are not met ☐	tidal current	are met ☐ are not met ☐
small hydroelectric generation	are met ☐ are not met ☐	biogas digester (under NEMBIO)	are met ☐ are not met ☐
fuel cell (under NEMFC)	are met ☐ are not met ☐	other technology	are met ☐ are not met ☐

2.11 Customer-Generator's otherwise-applicable-rate schedule as of the execution of this Agreement is: ____________

3. DOCUMENTS INCLUDED; DEFINED TERMS

3.1 This Agreement includes the following exhibits which are specifically incorporated herein and made a part of this Agreement.

Appendix A - Description of Generating Facility and Single-Line Diagram (Supplied by Producer).

Appendix B - Web-site references to Rules 2 and 21 and other selected rules and tariffs of PG&E (Supplied by PG&E).

Appendix C - A Copy of *PG&E's Agreement for Installation or Allocation of Special Facilities for Parallel Operation of Nonutility-Owned Generation and/or Electrical Standby Service* (Form 79-280) (Special Facility Agreement), if applicable, (Formed by the Parties).

Appendix D - Producer's warranty that the Generating Facility meets the requirements for a Cogeneration facility pursuant to Section 216.6 of the PU Code (when applicable).

Appendix E - Producer's warranty that the Generating Facility meets the requirements for Distributed Energy Resources Generation as defined in Section 353.1 of the PU Code (when applicable).

Appendix F - NEM2 Load Aggregation Customer-Generator Declaration Warranting NEM2 Aggregation Is Located On Same or Adjacent or Contiguous Property to Generator Parcel

Appendix G - Producer's warranty that it meets the requirements for an Eligible Biogas Digester Electrical Generating Facility, (applicable Generator(s) only) as defined in Section 2827.9 of the PU Code (when applicable).

Appendix H - Schedule NEM and/or NEM2 Customer-Generator Warranty that it Meets the Requirements for an Eligible Customer-Generator and is an Eligible Renewable Electrical Generation Facility Pursuant to Section 2827.1 of the California Public Utilities Code.

Appendix I -Operating Requirements for Energy Storage Device(s) (when applicable).

Appendix J - NEMFC Customer Agreement Starting January 1, 2017 Until California Air Resources Board Emission Standard is Established.

3.2 When initially capitalized, whether in the singular or in the plural, the terms used herein shall have the meanings assigned to them either in this Agreement or in PG&E's Rule 21 Section C.

4. TERM AND TERMINATION

4.1 This Agreement shall become effective as of the last date entered in Section 16, below. The Agreement shall continue in full force and effect until the earliest date that one of the following events occurs:

(a) The Parties agree in writing to terminate the Agreement, or

(b) Unless otherwise agreed in writing by the Parties, at 12:01 A.M. on the day following the date the electric service account through which Producer's Generating Facility is interconnected to PG&E's Electric System is closed or terminated, or

(c) At 12:01 A.M. on the 61st day after Producer or PG&E provides written Notice pursuant to Section 9 below to the other Party of Producer's or PG&E's intent to terminate this Agreement.

4.2 Producer may elect to terminate this Agreement pursuant to the terms of Section 4.1(c) for any reason. PG&E may elect to terminate this Agreement pursuant to the terms of Section 4.1(c) for one or more of the following reasons:

(a) A change in applicable rules, tariffs, and regulations, as approved or directed by the California Public Utilities Commission "Commission," or a change in any local, state or federal law, statute or regulation, either of which materially alters or otherwise affects PG&E's ability or obligation to perform PG&E's duties under this Agreement; or,

(b) Unless otherwise agreed to in writing by the Parties, Producer fails to take all corrective actions specified in PG&E's Notice that Producer's Generating Facility is out of compliance with the terms of this Agreement within the time frame set forth in such Notice; or,

(c) Producer fails to interconnect and operate the Generating Facility per the terms of this Agreement prior to 120 days after the date set forth in Section 2.9, above, as the Generating Facility's expected date of Initial Operation; or,

(d) Producer abandons the Generating Facility. PG&E shall deem the Generating Facility to be abandoned if PG&E determines, in its reasonable opinion, the Generating Facility is non-operational and Producer does not provide a substantive response to PG&E Notice of its intent to terminate this Agreement as a result of Producer's apparent abandonment of the Generating Facility affirming Producer's intent and ability to continue to operate the Generating Facility.

(e) Producer makes a change to the physical configuration of the Generating Facility, as declared in Section 2 and Appendix A of this Agreement.

4.3 Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application to terminate this Agreement.

4.4 Any agreements attached to and incorporated into this Agreement shall terminate concurrently with this Agreement unless the Parties have agreed otherwise in writing.

5. GENERATING FACILITY AND OPERATING REQUIREMENTS

5.1 Except for that energy delivered to PG&E's Electric System, electric energy produced by Producer's Generating Facility shall be used solely to serve electrical loads connected to the electric service account that PG&E uses to interconnect Producer's Generating Facility (or, where permitted under Section 218 of the PUC, the electric loads of an on-site or neighboring party lawfully connected to Producer's Generating Facility through Producer's circuits). Producer shall not use the Generating Facility to serve electrical loads that will cause Producer to be considered an "electrical corporation" as such term is used in Section 218 of the California Public Utilities Code.

5.2 Unless otherwise agreed upon in writing by the Parties, this Agreement does not provide for, nor otherwise require PG&E to purchase, transmit, distribute, or store the electrical energy produced by Producer's Generating Facility.

5.3 Producer is responsible for operating the Generating Facility in compliance with all of PG&E's tariffs, including but not limited to PG&E's Rule 21 and applicable NEM-2 tariff schedules, and applicable safety and performance standards established by the National Electric Code, Institute of Electrical and Electronic Engineers, accredited testing laboratories such as Underwriters Laboratories, rules of the Commission regarding safety and reliability, and any other regulations and laws governing the Interconnection of the Generating Facility.

5.4 Producer shall: (a) maintain the Generating Facility and Interconnection Facilities in a safe and prudent manner and in conformance with all applicable laws and regulations including, but not limited to, Section 5.3, and (b) obtain any governmental authorizations and permits required for the construction and operation of the Generating Facility and Interconnection Facilities. Producer shall reimburse PG&E for any and all losses, damages, claims, penalties, or liability it incurs as a result of Producer's failure to obtain or maintain any governmental authorizations and permits required for construction and operation of Producer's Generating Facility.

5.5 Producer shall not commence parallel operation of the Generating Facility until PG&E has provided express written approval. Such approval shall normally be provided per the timelines established by the applicable PUC 2827 section, or by Rule 21. Such approval will be provided after PG&E's receipt of: (1) a completed Generating Facility Interconnection Application (Form 79-1174-02), including all supporting documents and payments as described in the Application; (2) any required NEM supplemental application forms; (3) a signed and completed Generating Facility Interconnection Agreement (Multiple Tariff NEM2MT) (Form 79-1069-02); (4) a copy of the Producer's final inspection clearance from the governmental authority having jurisdiction over the Generating Facility; and (5) submission of all applicable payments for reviews, studies, Interconnection Facilities, and Electric System Modifications. Such approval will not be unreasonably withheld. PG&E shall have the right to have representatives present at the Commissioning Test as defined in Rule 21. Producer shall notify PG&E at least five (5) business days prior to the initial testing.

5.6 In no event shall the delivery of the maximum electric power to PG&E's Electric System exceed the amount or other limitations specified in Section 2 and Appendix A of this Agreement. If Producer does not regulate its Generating Facility in compliance with the limitations set forth in this Agreement, PG&E may require Producer to disconnect its Generating Facility from PG&E's Electric System until Producer demonstrates to PG&E's reasonable satisfaction that Producer has taken adequate measures to regulate the output of its Generating Facility and control its deliveries of electric power to PG&E. Further, should PG&E determine that Producer's operation of the Generating Facility is causing an unsafe condition or is adversely affecting PG&E's ability to utilize its Electric System in any manner, even if Producer's deliveries of electric power to PG&E's Electric System are within the limitations specified in this Agreement, PG&E may require Producer to temporarily or permanently reduce or cease deliveries of electric power to PG&E's Electric System. Alternatively, the Parties may agree to other corrective measures so as to mitigate the effect of electric power flowing from the Generating Facility to PG&E's Electric System. Producer's failure to comply with the terms of this Section shall constitute a material breach of this Agreement and PG&E may initiate termination in accordance with the terms of Section 4.2(b).

5.7 Producer shall not deliver reactive power to PG&E's Electric System unless the Parties have agreed otherwise in writing.

5.8 The Generating Facility shall be operated with all of Producer's Protective Functions in service whenever the Generating Facility is operated in parallel with PG&E's Electric System. Any deviation from these requirements may occur only when the Parties have agreed to such deviations in writing.

5.9 If Producer declares that its Generating Facility meets the requirements for Cogeneration as such term is used in Section 216.6 of the PUC (or any successor definition of Cogeneration (Cogeneration Requirements), Producer warrants that, beginning on the date of Initial Operation and continuing throughout the term of this Agreement, its Generating Facility shall continue to meet such Cogeneration Requirements, per Appendix D of this Agreement.

5.10 In order to promote the safety and reliability of the customer Generating Facility, the applicant certifies that as a part of each interconnection request for a NEM and/or NEM2 Generating Facility, that all major solar system components (if any) are on the verified equipment list maintained by the California Energy Commission and certifies that other equipment, as determined by PG&E, has safety certification from a nationally recognized testing laboratory.

5.11 Producer certifies as a part of each interconnection request for a NEM and/or NEM2 Eligible Generating Facility that

(i) a warranty of at least 10 years has been provided on all equipment and on its installation, or

(ii) a 10-year service warranty or executed "agreement" has been provided ensuring proper maintenance and continued system performance.

5.12 Producer rs on this tariff must pay for the interconnection of their NEM2 Generation Facilities as provided in Electric Rule 21, pursuant to Decision 16-01-044.

5.13 If Producer's Generating Facility includes any energy storage device(s), Distribution Provider may provide requirements that must be met by the Producer prior to initiating Parallel Operation with PG&E's Distribution System and throughout the term of this Agreement, including but not limited to the requirements set forth in Appendix I of this Agreement.

5.14 Smart Inverters

For Producer applications received on or after September 9, 2017, the Producer certifies that their inverter-based Generating Facilities fully comply with Section Hh of Rule 21, including configuration of protective settings and default settings, in accordance with the specifications therein.

Distribution Provider may require a field verification of the Producer's inverter. Producer further agrees to cooperate fully with any such request and make their inverter available to the Distribution Provider for such verification. Producer understands that in the event the inverter is not set in accordance with Section Hh of Rule 21, Producer will need to cease operation of generating facility until verification is confirmed by Distribution Provider.

(Solar inverter models and firmware versions that comply with Rule 21 Section Hh can be found at:

https://www.energy.ca.gov/programs-and-topics/topics/renewable-energy/solar-equipment-lists.)

Verification of compliance with such requirements shall be provided by the Producer upon request by PG&E in accordance with PG&E's Electric Rule 21.

An "existing inverter" is defined as an inverter that is a component of an existing Generating Facility that meets one or more of the following conditions:

(a) it is already approved by PG&E for interconnection prior to September 9, 2017

(b) the Producer has submitted the interconnection application prior to September 9, 2017,

(c) the Producer provides evidence of having applied for an electrical permit for the Generating Facility installation that is dated prior to September 9, 2017 and submitted a complete interconnection application1[1] no later than March 31, 2018, or

(d) the Producer provides evidence of a final inspection clearance from the governmental authority having jurisdiction over the Generating Facility prior to September 9, 2017.

All "existing inverters" are not required to be Smart Inverters and are only subject to Section H of Rule 21. Producer replacing an "existing inverter" certifies it is being replaced with either:

(i) inverter equipment that complies with Section Hh of Rule 21, (encouraged); or

(ii) a conventional inverter that is of the same size and equivalent ability to that of the inverter being replaced, as allowed in Rule 21 Section H.3.d.ii.

6. INTERCONNECTION FACILITIES

6.1 Producer and/or PG&E, as appropriate, shall provide Interconnection Facilities that adequately protect PG&E's Electric System, personnel, and other persons from damage or injury, which may be caused by the operation of Producer's Generating Facility.

6.2 Producer shall be solely responsible for the costs, design, purchase, construction, operation, and maintenance of the Interconnection Facilities that Producer owns.

6.3 If the provisions of PG&E's Rule 21, or any other tariff or rule approved by the Commission, requires PG&E to own and operate a portion of the Interconnection Facilities, Producer and PG&E shall promptly execute an Special Facilities Agreement that establishes and allocates responsibility for the design, installation, operation, maintenance, and ownership of the

[1] A complete application consists all of the following without deficiencies:

1. A completed Interconnection Application including all supporting documents and required payments,
2. A completed signed Interconnection Agreement,
3. Evidence of the Producer final inspection clearance from the governmental authority having jurisdiction over the generating system.

Interconnection Facilities. This Special Facilities Agreement shall be attached to and made a part of this Agreement as Appendix C.

6.4 The Interconnection Facilities may include Net Generation Output Metering for determination of standby charges and applicable non-bypassable charges, and/or other meters required for PG&E's administration and billing pursuant to PG&E's tariffs for net energy metering.

7. LIMITATION OF LIABILITY

Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, consequential, or punitive damages of any kind whatsoever.

8. INSURANCE

8.1 In connection with Producer's performance of its duties and obligations under this Agreement, Producer shall maintain, during the term of this Agreement, general liability insurance with a combined single limit of not less than:

(a) Two million dollars ($2,000,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is greater than one hundred (100) kW;

(b) One million dollars ($1,000,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is greater than twenty (20) kW and less than or equal to one hundred (100) kW; and

(c) Five hundred thousand dollars ($500,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is twenty (20) kW or less.

(d) Two hundred thousand dollars ($200,000) for each occurrence if the Gross Nameplate Rating of Producer's Generating Facility is ten (10) kW or less and Producer's Generating Facility is connected to an account receiving residential service from PG&E.

Such general liability insurance shall include coverage for "Premises-Operations, Owners and Contractors Protective, Products/Completed Operations Hazard, Explosion, Collapse, Underground, Contractual Liability, and Broad Form Property Damage including Completed Operations."

8.2 The general liability insurance required in Section 8.1 shall, by endorsement to the policy or policies, (a) include PG&E as an additional insured; (b) contain a severability of interest clause or cross-liability clause; (c) provide that PG&E shall not by reason of its inclusion as an additional insured incur liability to the insurance carrier for payment of premium for such insurance; and (d) provide for thirty (30) calendar days' written notice to PG&E prior to cancellation, termination, alteration, or material change of such insurance.

8.3 If Producer's Generating Facility employs solely of Renewable Electrical Generation Facilities the requirements of Section 8.1 shall be waived. However, to the extent that Producer has currently in force Commercial General Liability or Personal (Homeowner's) Liability insurance, Producer agrees that it will maintain such insurance in force for the duration of this Agreement in no less than amounts currently in effect. PG&E shall have the right to inspect or obtain a copy of the original policy or policies of insurance prior to commencing operations. Such insurance shall provide for thirty (30) calendar days written notice to PG&E prior to cancellation, termination, alteration, or material change of such insurance.

8.4 Evidence of the insurance required in Section 8.2 shall state that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by PG&E.

8.5 Producer agrees to furnish the required certificates and endorsements to PG&E prior to Initial Operation. PG&E shall have the right to inspect or obtain a copy of the original policy or policies of insurance.

8.6 If Producer is self-insured with an established record of self-insurance, Producer may comply with the following in lieu of Sections 8.1 through 8.4:

(a) Producer shall provide to, PG&E, at least thirty (30) calendar days prior to the date of Initial Operation, evidence of an acceptable plan to self-insure to a level of coverage equivalent to that required under Section 8.1.

(b) If Producer ceases to self-insure to the level required hereunder, or if Producer are unable to provide continuing evidence of Producer's ability to self-insure, Producer agrees to immediately obtain the coverage required under Section 8.1.

8.7 All insurance certificates, statements of self-insurance, endorsements, cancellations, terminations, alterations, and material changes of such insurance shall be issued and submitted via email to the following:

Pacific Gas and Electric Company
Attention: Electric Grid Interconnection - Contract Management
P.O. Box 770000
Mail Code N7L
San Francisco, CA 94177
Email: EGIContractMgmt@pge.com

9. NOTICES

9.1 Any written notice, demand, or request required or authorized in connection with this Agreement (Notice) shall be deemed properly given if delivered in person or sent by first class mail, postage prepaid, to the address specified below:

If to PG&E: Pacific Gas and Electric Company
Attention: Electric Grid Interconnection - Contract Management
P.O. Box 770000
Mail Code N7L
San Francisco, CA 94177
Email: EGIContractMgmt@pge.com

If to Producer:
Customer-Generator Name: ______________________________
Address: ____
City: ____
Phone: (_____) ____
FAX: (_____) ____

9.2 A Party may change its address for Notices at any time by providing the other Party Notice of the change in accordance with Section 9.1.

9.3 The Parties may also designate operating representatives to conduct the daily communications, which may be necessary or convenient for the administration of this Agreement. Such designations, including names, addresses, and phone numbers may be communicated or revised by one Party's Notice to the other.

10. REVIEW OF RECORDS AND DATA

10.1 PG&E shall have the right to review and obtain copies of Producer's operations and maintenance records, logs, or other information such as, unit availability, maintenance outages, circuit breaker operation requiring manual reset, relay targets and unusual events pertaining to Producer's Generating Facility or its interconnection with PG&E's Electric System.

10.2 Producer authorizes to release to the California Energy Commission (CEC) information regarding Producer's facility, including customer name, location, size, and operational characteristics of the unit, as requested from time to time pursuant to the CEC's rules and regulations.

10.3 As a condition of interconnection, pursuant to California Public Utilities Commission (CPUC) Decisions 14-11-001, 20-08-001, and 21-06-026, PG&E is required to provide certain data, including but not limited to confidential customer information, to the CPUC and its contractors, the California

Department of Consumer Affairs Contractors State License Board, and the California Department of Financial Protection & Innovation (the "State Entities"). Producer authorizes PG&E to release any and all information contained in its application, and addendum if applicable for interconnection to the State Entities identified in this Section 10.3 without further notification or consent.

11. ASSIGNMENT

Producer shall not voluntarily assign its rights nor delegate its duties under this Agreement without PG&E's written consent. Any assignment or delegation Producer makes without PG&E's written consent shall not be valid. PG&E shall not unreasonably withhold its consent to Producer's assignment of this Agreement.

12. NON-WAIVER

None of the provisions of this Agreement shall be considered waived by a Party unless such waiver is given in writing. The failure of a Party to insist in any one or more instances upon strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishment of any such rights for the future, but the same shall continue and remain in full force and effect.

13. GOVERNING LAW, JURISDICTION OF COMMISSION, INCLUSION OF PG&E's TARIFF SCHEDULES AND RULES

13.1 This Agreement shall be interpreted, governed, and construed under the laws of the State of California as if executed and to be performed wholly within the State of California without giving effect to choice of law provisions that might apply to the law of a different jurisdiction.

13.2 This Agreement shall, at all times, be subject to such changes or modifications by the Commission as it may from time to time direct in the exercise of its jurisdiction.

13.3 The interconnection and services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the Tariff Schedules and Rules applicable to the electric service provided by, PG&E, which Tariff Schedules and Rules are hereby incorporated into this Agreement by this reference.

13.4 Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application for change in rates, charges, classification, service, tariff or rule or any agreement relating thereto.

14. AMENDMENT AND MODIFICATION

This Agreement can only be amended or modified in writing, signed by both Parties.

15. ENTIRE AGREEMENT

This Agreement, including any incorporated Tariff Schedules and rules, contains the entire agreement and understanding between the Parties, their agents, and employees as to the subject matter of this Agreement. Each party also represents that in entering into this Agreement, it has not relied on any promise, inducement, representation, warranty, agreement or other statement not set forth in this Agreement or in the incorporated tariff schedules and rules.

16. SIGNATURES

IN WITNESS WHEREOF, the Parties hereto have caused two originals of this Agreement to be executed by their duly authorized representatives. This Agreement is effective as of the last date set forth below.

______________________	**PACIFIC GAS AND ELECTRIC COMPANY**
(Company Name)	
______________________	______________________
(Signature)	*(Signature)*
______________________	______________________
(Print Name)	*(Print Name)*
______________________	______________________
(Title)	*(Title)*
______________________	______________________
(Date)	*(Date)*

APPENDIX A

DESCRIPTION OF GENERATING FACILITY AND SINGLE-LINE DIAGRAM (Provided by Producer)

(Note: The Description of the Generating Facility should include, but not limited to, for each of the technology types of generation: spatial configuration, net and gross nameplate ratings, manufacturer, if the generators are certified under Rule 21, protection equipment, and intended mode of operation [i.e. non-export: export up to 2 seconds; inadvertent export: export between 2 seconds and 60 seconds; and continuous export: export greater than 60 seconds]. Additionally points of interconnection with PG&E, as well as locations and type of protection equipment and disconnect switches should be identified.)

APPENDIX B

RULES “2” AND “21”

(Note: PG&E’s electric Rules “2” and “21” may be subject to such changes or modifications by the Commission as the Commission may, from time to time, direct in the exercise of its jurisdiction. PG&E’s tariffs, including Rules “2” and “21” can be accessed via the PG&E website at **www.pge.com/tariffs**. Upon request, PG&E can provide copies to Producer of Rules “2” and “21.”)

APPENDIX C (If Applicable)

RULE 21 "SPECIAL FACILITIES" AGREEMENT
(Formed between the Parties)

APPENDIX D (When applicable)

PRODUCER'S WARRANTY THAT THE GENERATING FACILITY IS A "COGENERATION FACILITY" PURSUANT TO SECTION 216.6 OF THE CALIFORNIA PUBLIC UTILITIES CODE

For the purpose of securing the Competition Transition Charge exemption available under Section 372 of the PU Code, Producer hereby declares that the Generating Facility meets the requirements for Cogeneration as such term is used in Section 216.6 of the PU Code (Cogeneration Requirements).

Producer warrants that, beginning on the date of Initial Operation and continuing throughout the term of this Agreement, the Generating Facility shall continue to meet the Cogeneration Requirements. If Producer becomes aware that its Generating Facility has ceased to meet the Cogeneration Requirements, Producer shall promptly provide PG&E with Notice of such change pursuant to Section 9.1 of the Agreement. If at any time during the term of this Agreement PG&E determines in its reasonable discretion that Producer's Generating Facility may no longer meet the Cogeneration Requirements, PG&E may require Producer to provide evidence that the Generating Facility continues to meet the Cogeneration Requirements within 15 business days of PG&E's request for such evidence. Additionally, PG&E may periodically (typically, once per year) inspect Producer's Generating Facility and/or require documentation from Producer to monitor the Generating Facility's compliance with the Cogeneration Requirements. If PG&E determines in its reasonable judgment that Producer either failed to provide evidence in a timely manner or that it provided insufficient evidence that its Generating Facility continues to meet the Cogeneration Requirements, then the Cogeneration status of the Generating Facility shall be deemed ineffective until such time as Producer again demonstrates to PG&E's reasonable satisfaction that the Generating Facility meets the requirements for a Cogeneration facility (the Cogeneration Status Change).

PG&E shall revise its records and the administration of this Agreement to reflect the Cogeneration Status Change and provide Notice to Producer of the Cogeneration Status Change pursuant to Section 9.1 of this Agreement. Such Notice shall specify the effective date of the Cogeneration Status Change. This date shall be the first day of the calendar year for which PG&E determines in its reasonable discretion that the Generating Facility first ceased to meet the Cogeneration Requirements. PG&E shall invoice the Producer's electric service account through which the Generating Facility is Interconnected with PG&E's Electric System for Competition Transition Charges (CTCs) that were not previously billed during the period between the effective date of the Status Change and the date of the Notice in reliance upon Producer's representations that the Generating Facility complied with the Cogeneration Requirements and therefore was eligible for the exemption from CTCs available under Section 372 of the PU Code.

Any amounts to be paid or refunded by Producer, as may be invoiced by PG&E pursuant to the terms of this warranty, shall be paid to PG&E within 30 days of Producer's receipt of such invoice.

APPENDIX E (When applicable)

PRODUCER'S WARRANTY THAT THE GENERATING FACILITY IS A "DISTRIBUTED ENERGY RESOURCES GENERATION" FACILITY PURSUANT TO SECTION 353.1 OF THE CALIFORNIA PUBLIC UTILITIES CODE

For the purpose of securing the tariff charge exemption available under Section 353.3 of the PU Code, Producer hereby declares that the Generating Facility meets the requirements for Distributed Energy Resources Generation as such term is used in Section 353.1 of the PU Code (DERG Requirements).

Producer warrants that, beginning on the date of Initial Operation and continuing throughout the term of this Agreement, its Generating Facility shall continue to meet the DERG Requirements. If Producer becomes aware that the Generating Facility has ceased to meet the DERG Requirements, Producer shall promptly provide PG&E with Notice of such change pursuant to Section 9.1 of the Agreement. If at any time during the term of this Agreement PG&E determines in its reasonable discretion that Producer's Generating Facility may no longer meet the DERG Requirements, PG&E may require Producer to provide evidence that the Generating Facility continues to meet the DERG Requirements within 15 business days of PG&E's request for such evidence. Additionally, PG&E may periodically (typically, once per year) inspect Producer's Generating Facility and/or require documentation from Producer to monitor the Generating Facility's compliance with the DERG Requirements. If PG&E determines in its reasonable judgment that Producer either failed to provide evidence in a timely manner or that it provided insufficient evidence that its Generating Facility continues to meet the DERG Requirements, then the Distributed Energy Resources Generation status of the Generating Facility shall be deemed ineffective until such time as Producer again demonstrates to PG&E's reasonable satisfaction that the Generating Facility meets the requirements for a Distributed Energy Resources Generation facility (the DERG Status Change).

PG&E shall revise its records and the administration of this Agreement to reflect the DERG Status Change and provide Notice to Producer of the DERG Status Change pursuant to Section 9.1 of this Agreement. Such Notice shall specify the effective date of the DERG Status Change. This date shall be the first day of the calendar year for which PG&E determines in its reasonable discretion that the Generating Facility first ceased to meet the DERG Requirements. PG&E shall invoice the Producer electric service account through which the Generating Facility is Interconnected with PG&E's Electric System for any tariff charges that were not previously billed during the period between the effective date of the DERG Status Change and the date of the Notice in reliance upon Producer's representations that the Generating Facility complied with the DERG Requirements and therefore was eligible for the exemption from tariff charges available under Section 353.3 of the PU Code.

Any amounts to be paid or refunded by Producer, as may be invoiced by PG&E pursuant to the terms of this warranty, shall be paid to PG&E within 30 days of Producer's receipt of such invoice.

APPENDIX F (When applicable)

NEM2 LOAD AGGREGATION APPENDIX (If Applicable)
CUSTOMER-GENERATOR DECLARATION WARRANTING NEM2 AGGREGATION IS LOCATED ON SAME OR ADJACENT OR CONTIGUOUS PROPERTY TO GENERATOR PARCEL

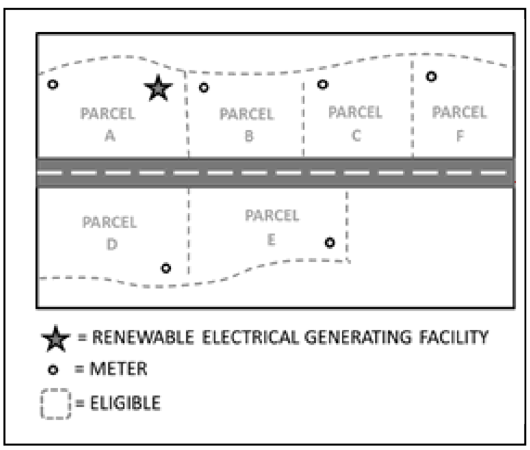
In accordance with Schedule NEM2, I, Customer-Generator represent and warrant under penalty of perjury that:

1) The total annual output in kWh of the generator is less than or equal to 110% (for solar and/or wind systems equal to or less than 30 kW) or 100% (for all other technologies and solar and/or wind systems greater than 30 kW) of the annual aggregated electrical load in kWh of the meters associated with the generator account, including the load on the generating account itself (before being offset by the generator); and

2) Each of the aggregated account meters associated with this NEM2 generator account are located either:

(i) on the property where the renewable electrical generation facility is located, or

(ii) are located within an unbroken chain of contiguous parcels that are all solely owned, leased or rented by the customer-generator. For purposes of Load Aggregation, parcels that are divided by a street, highway, or public thoroughfare are considered contiguous, provided they are within an unbroken chain of otherwise contiguous parcels that are all solely owned leased or rented by the customer-generator.



For example, assume there are five parcels (A, B, C, D, E, and F) that form a cluster of contiguous parcels and D and E are separated from A, B, C and F by a street, highway, or public thoroughfare. For the purposes of participating in Load Aggregation, all five parcels are considered contiguous, provided they are otherwise contiguous and all are solely owned, leased or rented by the customer-generator. Refer to the diagram at left (for illustrative purposes only.)

3) PG&E reserves the right to request a parcel map to confirm the property meets the requirements of 2) above; and

4) Customer-Generator agrees to notify PG&E if there is any change of status that makes any of the participating meters ineligible for meter aggregation to ensure that only eligible meters are participating; PG&E will require an updated Appendix and Declaration form; and

5) Upon request by PG&E, I agree to provide documentation that all aggregated meters meet the requirements of Rate Schedule NEM2 Special Condition 6 including but not limited to parcel maps and ownership records.

Customer Generator's Name	*Signature*
Date	*Type/Print Name*
	Title

APPENDIX G (When applicable)

PRODUCER'S WARRANTY THAT THE GENERATING FACILITY IS AN ELIGIBLE BIOGAS ELECTRICAL GENERATING FACILITY PURSUANT TO SECTION 2827.9 OF THE CALIFORNIA PUBLIC UTILITIES CODE

Producer has declared that the Generating Facility meets the requirements for an Eligible Biogas Electrical Generating Facility, as defined in Section 2827.9 of the California Public Utilities Code (Eligibility Requirements).

Producer warrants that, beginning on the date of Initial Operation and continuing throughout the term of this Agreement, its Generating Facility shall continue to meet the Eligibility Requirements. If Producer becomes aware that the Generating Facility has ceased to meet the Eligibility Requirements, Producer shall promptly provide PG&E with Notice of such change pursuant to Section 9.1 of the Agreement. If at any time during the term of this Agreement PG&E determines in its reasonable discretion that Producer's Generating Facility may no longer meet the Eligibility Requirements, PG&E may require Producer to provide evidence that the Generating Facility continues to meet the Eligibility Requirements within 15 business days of PG&E's request for such evidence. Additionally, PG&E may periodically (typically, once per year) inspect Producer's Generating Facility and/or require documentation from Producer to monitor the Generating Facility's compliance with the Eligibility Requirements. If PG&E determines in its reasonable judgment that Producer either failed to provide evidence in a timely manner or that it provided insufficient evidence that its Generating Facility continues to meet the Eligibility Requirements, then the Distributed Energy Resources Generation status of the Generating Facility shall be deemed ineffective until such time as Producer again demonstrates to PG&E's reasonable satisfaction that the Generating Facility meets the requirements for a Distributed Energy Resources Generation facility (the Eligibility Status Change).

PG&E shall revise its records and the administration of this Agreement to reflect the Eligibility Status Change and provide Notice to Producer of the Eligibility Status Change pursuant to Section 9.1 of this Agreement. Such Notice shall specify the effective date of the Eligibility Status Change. This date shall be the first day of the calendar year for which PG&E determines in its reasonable discretion that the Generating Facility first ceased to meet the Eligibility Requirements. PG&E shall invoice the Producer for any tariff charges that were not previously billed during the period between the effective date of the Eligibility Status Change and the date of the Notice in reliance upon Producer's representations that the Generating Facility complied with the Eligibility Requirements and therefore was eligible for the rate treatment available under the Net Energy Metering provisions of PG&E's Schedule NEM-BIO, Experimental Biogas Net Energy Metering.

Any amounts to be paid or refunded by Producer, as may be invoiced by PG&E pursuant to the terms of this warranty, shall be paid to PG&E within 30 days of Producer's receipt of such invoice.

Appendix H

SCHEDULE NEM2 CUSTOMER-GENERATOR WARRANTY THAT IT MEETS THE REQUIREMENTS FOR AN ELIGIBLE CUSTOMER-GENERATOR AND IS AN ELIGIBLE RENEWABLE ELECTRICAL GENERATION FACILITY PURSUANT TO SECTION 2827.1 OF THE CALIFORNIA PUBLIC UTILITIES CODE

(This Affidavit needs to be completed and submitted to PG&E by the Customer-Generator every time a new NEM2 interconnection agreement for a Renewable Electrical Generation Facility is executed or whenever there is a change in ownership of the Generating Facility).

Check Type of Renewable Electrical Generation Facility:

☐ biomass	☐ geothermal	☐ municipal solid waste
☐ solar thermal	☐ fuel cell	☐ landfill gas
☐ small hydroelectric generation	☐ ocean wave	☐ digester gas
☐ ocean thermal	☐ tidal current	☐ Storage/Batteries ________ amp hours ________ inverter kWh

NEM2 Customer-Generator (Customer) declares that

(1) it meets the requirements to be an “Eligible Customer-Generator” and its Generating Facility.

(2) (a) meets the requirements of an “Renewable Electrical Generation Facility”, as defined in Section 2827(b)(5) of the California Public Utilities Code and (b) satisfies the definitions of the renewable resource for the Renewable Electrical Generation Facility in the latest version of the California Energy Commission’s (CEC’s) Renewables Portfolio Standard (RPS) Eligibility Guidebook and the Overall Program Guidebook. [2] (Eligibility Requirements).

[2] The RPS Guidebooks can be found at: https://www.energy.ca.gov/programs-and-topics/programs/renewables-portfolio-standard

Included in these eligibility requirements (check as applicable) pursuant to Public Utilities Code section 2827(b)(5) and Public Resource Code Section 25741 paragraph 1(a):

- ☐ If the Renewable Electrical Generation Facility is a fuel cell, or otherwise uses renewable biogas or otherwise, Eligible Customer-Generator warrants that the fuel cell is powered solely with renewable fuel.

- ☐ If the Renewable Electrical Generation Facility is a Small hydroelectric generating facility, customer warrants that it will not cause an adverse impact on instream beneficial uses, nor cause a change in the volume or timing of streamflow).

If the Customer uses biogas or a renewable fuel as the fuel for their Renewable Electrical Generation Facility:

- ☐ Eligible Customer-Generator warrants that the Renewable Electrical Generation Facility is powered solely with renewable fuel.

Eligible Customer-Generator warrants that, beginning on the date of Initial Operation and continuing throughout the term of this Agreement, Eligible Customer-Generator and the Generating Facility shall continue to meet the Eligibility Requirements. If Eligible Customer-Generator or the Generating Facility ceases to meet the Eligibility Requirements, Eligible Customer-Generator shall promptly provide PG&E with Notice of such change pursuant to Section 11 of this Agreement. If at any time during the term of this Agreement PG&E determines, at its reasonable discretion, that Eligible Customer-Generator or Generating Facility may no longer meet the Eligibility Requirements, PG&E may require Eligible Customer-Generator to provide evidence, that Eligible Customer-Generator and/or Generating Facility continues to meet the Eligibility Requirements, within 20 business days of PG&E's request for such evidence. Additionally, PG&E may periodically (typically, once per year) inspect Producer's Generating Facility and/or require documentation from Eligible Customer-Generator to monitor the Generating Facility's compliance with the Eligibility Requirements – PG&E will provide a minimum of 10 business days notice to the Eligible Customer-Generator should PG&E decide an inspection is required. If PG&E determines in its reasonable judgment that Eligible Customer-Generator either failed to provide evidence in a timely manner or that it provided insufficient evidence that its Generating Facility continues to meet the Eligibility Requirements, then the Eligibility Status shall be deemed ineffective until such time as Eligible Customer-Generator again demonstrates to PG&E's reasonable satisfaction that Eligible Customer-Generator meets the requirements for an Eligible Customer–Generator and/or the Generating Facility meets the requirements for a Eligible electrical generating facility (the Eligibility Status Change).

PG&E shall revise its records and the administration of this Agreement to reflect the Eligibility Status Change and provide Notice to Eligible Customer-Generator of the Eligibility Status Change pursuant to Section 11 of this Agreement. Such Notice shall specify the effective date of the Eligibility Status Change. This date shall be the first day of the calendar year for which PG&E determines in its reasonable discretion that the Eligible Customer-Generator and/or Generating Facility first ceased to meet the Eligibility Requirements. PG&E shall invoice the Eligible Customer-Generator for any tariff charges that were not previously billed during the period between the effective date of the Eligibility Status Change and the date of the Notice in reliance upon Eligible Customer-Generator's representations that Eligible Customer-Generator and/or Generating Facility complied with the Eligibility Requirements and therefore was eligible for the rate treatment available under the Net Energy Metering provisions of PG&E's Schedule NEM2 Net Energy Metering Service for Eligible Customer-Generators.

Any amounts to be paid or refunded by Eligible Customer-Generator, as may be invoiced by PG&E pursuant to the terms of this warranty, shall be paid to PG&E within 30 days of Eligible Customer-Generator's receipt of such invoice.

Unless otherwise ordered by the CPUC, this Agreement at all times shall be subject to such modifications as the CPUC may direct from time to time in the exercise of its jurisdiction.

I certify the above is true and correct,

Customer-Generator Signature: ______________________________

Name: ____

Title: ____

Date: ____

APPENDIX I

(If Applicable)

OPERATING REQUIREMENTS FOR ENERGY STORAGE DEVICE(S)

The following Operating Requirement(s) apply to the charging functions of the Generating Facility:

- ☐ Producer's storage device(s) will not consume power from Distribution Provider's Distribution System at any time.
- ☐ Producer's storage device(s) will not cause the Host Load to exceed its normal peak demand. Normal peak demand is defined as the highest amount of power required from the Distribution System by Producer's complete facilities without the influence or use of the energy storage device(s).
- ☐ To avoid upgrades or other technical mitigation items identified in the interconnection process, Producer has chosen the following Generating Facility operating constraint(s):

  For the annual period between _____________ [Month/Day] and _____________ [Month/Day]

  And during the hours of _____________________________

  The storage device(s) will consume no more than a total of ___ kW from the Distribution System.

  This operating constraint voids the need for the following specific mitigation scope:

No other charging function limitation is required for this Generating Facility except the requirements above. Producer will be responsible for the costs of the corresponding upgrades or other technical mitigations if at any time the Producer elects to forego or violates the operating requirement.

Consistent with current load service Rules, Distribution Provider is not required to reserve capacity for load. Producer is responsible to contact the utility for any modification to its equipment or change in operations that may result in increased load demand per Electric Rule 3.C.

If any operating requirement is specified above, Distribution Provider reserves the right to ask for data at the 15-minute interval level at any time to verify that the operating requirement is being met. Distribution Provider will make such request via a written notice no more than once per calendar quarter. Producer must provide such data within 30

Calendar Days of the written request.

If the Generating Facility fails to adhere to the operating requirements at any time, it will be disconnected immediately in accordance with Rule 21 Section D.9 and not reconnected until an approved mitigation (e.g., supervising controls) is in place as determined by Distribution Provider.

NEMFC Customer Agreement Starting January 1, 2017 Until California Air Resources Board Emission Standard is Established and Approved by the CPUC as Needed.

Starting January 1, 2017, Customer applying for Schedule NEMFC, as revised pursuant to Assembly Bill 1637 (2016), agree as follows:

That their Eligible Fuel Cell Electrical Generating Facility must meet the reduction in greenhouse gas emissions standard to be established as required by the California Public Utilities (PU) Code Section 2827.10.

Since the applicable standards are not yet released by the California Air Resources Board (ARB) and/or approved as may be needed by the California Public Utilities Commission (CPUC), Customer agrees and understands that their approval for participation in NEMFC is contingent on their system meeting the new standard within three months of when the new standard becomes available. Specifically, I, Customer, understand and agree that if my fuel cell generator does not meet the ARB emission standard I will not be eligible for NEMFC.

Specifically, I will be responsible for the following:

1. Payment of all interconnection costs, including fees, studies, system upgrades, and any other pertinent interconnection costs.
2. Payment of the following nonbypassable charges on all departed load served by the fuel cell installed at my premises including but not limited to,
   a. Public Purpose Program Charges;
   b. Nuclear Decommissioning;
   c. Department of Water Resources Bond Charges; and
   d. Competition Transition Charge;
   e. Other charges that the CPUC determines are to be charged on departed load and for which there is no exception for fuel cells pursuant to Schedule E-DCG.
3. I understand that I may be required to take service on standby tariff pursuant to Schedule S or Schedule SB and pursuant to PU Code Section 2827.10(f)(2)(A).
4. I further understand that I will not be eligible for Rate Schedule NEMFC and will no longer receive any credit for any exports to the grid.

____
(Company Name)

______________________________ ______________________________
(Signature) *(Title)*

______________________________ ______________________________
(Print Name) *(Date)*

Electric Sample Form No. 79-1174-02D Sheet 1

Rule 21 Generator Interconnection Application - Attachment D

Please Refer to Attached
Sample Form

(Continued)

INTERCONNECTION APPLICATION (Form 79-1174-02)
ATTACHMENT D

SOLAR (PV) TECHNOLOGY

Part I - Describing the Generating Facility and Host Customer's Electrical Facilities

Please complete the following table for the specific generator technology indicated.

Instructions				
Inverter	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Please indicate the number of each "**type" and quantity** of Generator being installed Be sure all Generators classified as one "type" are identical in all respects. If only one type of Generator is to be used, only one column needs to be completed.				
A - Generator/Inverter Manufacturer Enter the brand name of the Generator.				
B - Generator/Inverter Model Enter the model name or number assigned by the manufacturer of the Generator.				
C - Generator/Inverter Software Version If this Generator's control and or protective functions are dependent on a software program supplied by the manufacturer of the equipment, please provide the version or release number for the software that will be used.				
D - Is the Generator/Inverter certified? Applicant has verified that all major solar system components are on the verified equipment list maintained by the California Energy Commission and other equipment, as determined by PG&E, has been verified by the customer as having safety certification from a nationally recognized testing laboratory. See PG&E's Rule 21, Section L for additional information regarding Generator certification.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No

SOLAR (PV) TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
E - Modules.	____________ Manufacturer ____________ Model #. ____________ Quantity	____________ Manufacturer ____________ Model #. ____________ Quantity	____________ Manufacturer ____________ Model #. ____________ Quantity	____________ Manufacturer ____________ Model #. ____________ Quantity
F - Gross Nameplate Rating (kVA) This is the capacity value normally supplied by the manufacturer and stamped on the Generator's nameplate. This value is not required where the manufacturer provides only a kW rating. However, where both kVA and kW values are available, please indicate both.				
G - Operating Voltage This value should be the voltage rating designated by the manufacturer and used in this Generating Facility. Please indicate phase-to-phase voltages for 3-phase installations. See PG&E's Rule 21, Section H.2.b. and Table H.1., for additional information.				
H - Power Factor Rating This value should be the nominal power factor rating designated by the manufacturer for the Generator. See PG&E's Rule 21, Section H.2.i. for additional information.				
I - PF Adjustment Range Where the power factor of the Generator is adjustable, please indicate the maximum and minimum operating values. See PG&E's Rule 21, Section H.2.i.				
J - Wiring Configuration Please indicate whether the Generator is a single-phase or three-phase device. See PG&E's Rule 21, Section H.3.				

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
K - AC Disconnect For systems requiring an AC Disconnect only, please include the requested information about the AC Disconnect. See PG&E's Rule 21, Section H.1.d Located within 10 feet of the PG&E meter?	____ Manufacturer ____ Model # ____ Rating (amps) ____ Yes ____ No	____ Manufacturer ____ Model # ____ Rating (amps) ____ Yes ____ No	____ Manufacturer ____ Model # ____ Rating (amps) ____ Yes ____ No	____ Manufacturer ____ Model # ____ Rating (amps) ____ Yes ____ No
L - Lineside Tap Where is the point of interconnection in relation to the main breaker? PG&E has special requirements for a lineside tap. Contact PG&E at: Rule21Gen@PGE.com for more information.	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side
N - Warranty or Service Agreement Applicant has verified that (i) a warranty of at least 10 years has been provided on all equipment and on its installation, or (ii) have a 10-year service warranty or executed "agreement" ensuring proper maintenance and continued system performance.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
O - Solar Ready Electric Panel Is the Generating Facility connecting to a circuit breaker on the supply side of the main breaker?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
P - Green Meter Adapter (GMA) Will a GMA be installed?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
Q - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
R - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No

INTERCONNECTION APPLICATION (Form 79-1174-02)
ATTACHMENT D
SOLAR (PV) TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
S - Basic Single Line Diagram (SLD) If the interconnection is eligible to use a Basic SLD, please include the requested information.	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ PV Breaker Size (Amps)	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ PV Breaker Size (Amps)	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ PV Breaker Size (Amps)	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ PV Breaker Size (Amps)
T - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate the control device that will be used.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
U - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
V – Telemetry Will the Generating Facility Gross Nameplate Rating exceed 1 MW? If yes, please select a Telemetry Option. If one of the Customer-owned Telemetry options is selected, please identify the preferred Site Metering Arrangement.	____ Yes ____ No _____ Customer-owned Telemetry - Gateway _____ Customer-owned Telemetry - Aggregator _____ Mini RTU ______Customer-side net load metering ______Replace PG&E meter with a Mark V meter and terminal block ______Add terminal block to existing PG&E Mark V meter ______Replace meter socket with dual-socket meter cabinet for installation of customer-owned meter ______Install customer-owned meter in existing dual socket meter cabinet.			

Part II Solar Statistics Data Fields

Per Appendix A of CPUC D. 14-11-001, the following data fields must all be completed, in their entirety, in order to initiate PG&E's interconnection review of the proposed Generating Facility. *Only complete Part II if the solar generating facility is serving as part of a Net Energy Metering (NEM2) arrangement..*

A. Customer Sector (Check one)

- ❑ Residential
- ❑ Educational
- ❑ Industrial
- ❑ Commercial
- ❑ Military
- ❑ Non-Profit
- ❑ Other Government

B. Are Performance Monitoring and Reporting Services (PMRS) being utilized?

❑ Yes ❑ No

If yes, please indicate who is receiving the data? (check all that apply)

❑ Customer

❑ 3rd Party (list name) ____

C. Are there electric vehicles charging on site at the above generating facility address?

❑ Yes ❑ No

If yes, please indicate how many electric vehicles _________________

D. System Ownership and Financing

i. System Owner (check one):

❑ PG&E Customer Owned

If PG&E Customer Owned, please answer the following:

Indicate the System Cost paid by Customer: $____________________

Property Assessed Clean Energy (PACE) Financed?

❑ Yes ❑ No

If Yes, PACE financed by which entity? _________________________________

If you have non-PACE financing or a lease, please fill in the information below

____

Financial Institution/Lessor Name

____

Financial Institution/Lessor Address City State Zip

❑ Third Party Owned

If Third Party Owned, please answer the following:

Claimed Federal Investment Tax Credit (ITC) Cost Basis: $_________________________

Name of Developer at the time of sale:

____

Contract Type: ❑ PPA ❑ Lease ❑ Pre-Paid Lease ❑ Other ____________

ii. Rebate Information:

Did you participate in a California rebate program? ❑ Yes ❑ No

Please indicate the rebate program that you participated in: __________________________________

Rebate Amount: $___________________

If you are participating in the Single-family Affordable Solar Home (SASH) program, please provide SASH project number: ________________________

E. Additional Generating Facility Information (Solar PV Only)

i. Mounting Method: ❑ Rooftop ❑ Ground ❑ Mixed

ii. Tracking Type: ❑ Fixed ❑ Single-Axis ❑ Dual-Axis ❑ Mixed

If fixed, please indicate: Tilt: ________________degrees Azimuth: _______________degrees

F. Installer's/Vendor's California State Contractor License Number: _________________________

G. CPUC Consumer Protection Requirements Pursuant to Decision 21-06-026

a. Home Improvement Salesperson (HIS) Registration Number

Was a Home Improvement Salesperson (HIS) involved in the development of your project?

❒ Yes ❒ No

California Public Utilities Commission (CPUC) Decision 21-02-026 requires "*the Home Improvement Salesperson (HIS) registration number of solar providers who are required to have a HIS registration number, while enabling solar providers who are not required to have a HIS registration number to indicate they are exempt and to instead provide the applicable contractor's license.*"

If you checked "Yes" above:

Please provide the Home Improvement Salesperson (HIS) registration number below.

Home Improvement Salesperson (HIS) registration number:

____

Electric Sample Form No. 79-1174-02E Sheet 1
Rule 21 Generator Interconnection Application - Attachment E

Please Refer to Attached
Sample Form

(Continued)

INTERCONNECTION APPLICATION (Form 79-1174-02)
ATTACHMENT E
WIND TURBINE TECHNOLOGY

Please complete the following table for the specific generator technology indicated.

Instructions				
Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Please indicate the number of each "**type" and quantity** of Generator being installed Be sure all Generators classified as one "type" are identical in all respects. If only one type of Generator is to be used, only one column needs to be completed.	Type: _______ Qty.: ________	Type: ________ Qty.: ________	Type: _______ Qty.: _______	Type: _______ Qty.: ________
A - Generator/Inverter Manufacturer Enter the brand name of the Generator.				
B - Generator/Inverter Model Enter the model name or number assigned by the manufacturer of the Generator.				
C - Generator/Inverter Software Version If this Generator's control and or protective functions are dependent on a software program supplied by the manufacturer of the equipment, please provide the version or release number for the software that will be used.				
D - Is the Inverter certified? Applicant has verified that all major solar system components are on the verified equipment list maintained by the California Energy Commission and other equipment, as determined by PG&E, has been verified by the customer as having safety certification from a nationally recognized testing laboratory. See PG&E's Rule 21, Section L for additional information regarding Generator certification.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____Yes ____ No
E - Generator Design Please indicate the design of each Generator. Designate "Inverter" anytime an inverter is used as the interface between the Generator and the electric system regardless of the primary power production/storage device used.	____ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter

WIND TURBINE TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
F - Gross Nameplate Rating (kVA) This is the capacity value normally supplied by the manufacturer and stamped on the Generator's nameplate. This value is not required where the manufacturer provides only a kW rating. However, where both kVA and kW values are available, please indicate both.				
G - Operating Voltage This value should be the voltage rating designated by the manufacturer and used in this Generating Facility. Please indicate phase-to-phase voltages for 3-phase installations. See PG&E's Rule 21, Section H.2.b. and Table H.1., for additional information.				
H - Power Factor Rating This value should be the nominal power factor rating designated by the manufacturer for the Generator. See PG&E's Rule 21, Section H.2.i. for additional information.				
I - PF Adjustment Range Where the power factor of the Generator is adjustable, please indicate the maximum and minimum operating values. See PG&E's Rule 21, Section H.2.i.				
J - Wiring Configuration Please indicate whether the Generator is a single-phase or three-phase device. See PG&E's Rule 21, Section H.3.				
K - (MP) 3-Phase Winding Configuration (Choose One) For three-phase generating units, please indicate the configuration of the Generator's windings or inverter systems.	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
L - (MP) Neutral Grounding System Used (Choose One) Wye connected generating units are often grounded – either through a resistor or directly, depending upon the nature of the electrical system to which the Generator is connected. If the grounding method used at this facility is not listed, please attach additional descriptive information.	___ Ungrounded ___ Solidly Grounded ___ Ground Resistor ___ Ohms	___ Ungrounded ___ Solidly Grounded ___ Ground Resistor ___ Ohms	___ Ungrounded ___ Solidly Grounded ___ Ground Resistor ___ Ohms	___ Ungrounded ___ Solidly Grounded ___ Ground Resistor ___ Ohms
M - *Induction Generators Only:* Locked Rotor Current: ***Stator Resistance:*** Stator Leakage Reactance: Rotor Resistance: Rotor Leakage Reactance: If the Generator is of an induction design, please provide the "locked rotor current" value supplied by the manufacturer. If this value is not available, the stator resistance, stator leakage reactance, rotor resistance, rotor leakage reactance values supplied by the manufacturer may be used to determine the locked rotor current. If the Generator's Gross Nameplate Capacity is 10 MW or greater, PG&E may request additional data to better model the nature and behavior of the Generator with relation to its Electric System.	________ (Amps) ________(%) ________(%) ________(%) ________(%)	________ (Amps) ________(%) ________(%) ________(%) ________(%)	________ (Amps) ________(%) ________(%) ________(%) ________(%)	________ (Amps) ________(%) ________(%) ________(%) ________(%)
N - Short Circuit Current Produced by Generator:	________ (Amps)	________ (Amps)	________ (Amps)	________ (Amps)
O - AC Disconnect For systems requiring an AC Disconnect only, please include the requested information about the AC Disconnect. See PG&E's Rule 21, Section H.1.d Located within 10 feet of the PG&E meter?	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No
P - Lineside Tap Where is the point of interconnection in relation to the main breaker? PG&E has special requirements for a lineside tap. Contact PG&E at: Rule21Gen@PGE.com for more information.	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side

WIND TURBINE TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Q – Warranty or Service Agreement Applicant has verified that (i) a warranty of at least 10 years has been provided on all equipment and on its installation, or (ii) have a 10-year service warranty or executed “agreement” ensuring proper maintenance and continued system performance.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
R - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
S - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
T - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate control device.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
U - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS - Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
V - Telemetry Will the Generating Facility Gross Nameplate Rating exceed 1 MW?	____ Yes ____ No			
If yes, please select a Telemetry Option.	_____ Customer-owned Telemetry - Gateway _____ Customer-owned Telemetry - Aggregator _____ Mini RTU			
If one of the Customer-owned Telemetry options is selected, please identify the preferred Site Metering Arrangement.	______Customer-side net load metering ______Replace PG&E meter with a Mark V meter and terminal block ______Add terminal block to existing PG&E Mark V meter ______Replace meter socket with dual-socket meter cabinet for installation of customer-owned meter ______Install customer-owned meter in existing dual socket meter cabinet.			

Electric Sample Form No. 79-1174-02F Sheet 1
Rule 21 Generator Interconnection Application - Attachment F

Please Refer to Attached
Sample Form

(Continued)

INTERCONNECTION APPLICATION (Form 79-1174-02)
ATTACHMENT F

MACHINE-BASED TECHNOLOGY

Please complete the following table for the specific generator technology indicated.

Instructions				
Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Please indicate the number of each "**type" and quantity** of Generator being installed. Be sure all Generators classified as one "type" are identical in all respects. If only one type of Generator is to be used, only one column needs to be completed.				
A - Generator/Inverter Manufacturer Enter the brand name of the Generator.				
B - Generator/Inverter Model Enter the model name or number assigned by the manufacturer of the Generator.				
C - Generator/Inverter Software Version If this Generator's control and or protective functions are dependent on a software program supplied by the manufacturer of the equipment, please provide the version or release number for the software that will be used.				
D - Is the Generator/Inverter certified? Applicant has verified that all major solar system components are on the verified equipment list maintained by the California Energy Commission and other equipment, as determined by PG&E, has been verified by the customer as having safety certification from a nationally recognized testing laboratory. See PG&E's Rule 21, Section L for additional information regarding Generator certification.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
F - Gross Nameplate Rating (kVA) This is the capacity value normally supplied by the manufacturer and stamped on the Generator's nameplate. This value is not required where the manufacturer provides only a kW rating. However, where both kVA and kW values are available, please indicate both.				

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
G - Operating Voltage This value should be the voltage rating designated by the manufacturer and used in this Generating Facility. Please indicate phase-to-phase voltages for 3-phase installations. See PG&E's Rule 21, Section H.2.b. and Table H.1., for additional information.				
H - Power Factor Rating This value should be the nominal power factor rating designated by the manufacturer for the Generator. See PG&E's Rule 21, Section H.2.i. for additional information.				
I - PF Adjustment Range Where the power factor of the Generator is adjustable, please indicate the maximum and minimum operating values. See PG&E's Rule 21, Section H.2.i.				
J - Wiring Configuration Please indicate whether the Generator is a single-phase or three-phase device. See PG&E's Rule 21, Section H.3.				
K - (MP) 3-Phase Winding Configuration (Choose One) For three-phase generating units, please indicate the configuration of the Generator's windings or inverter systems.	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye
L - (MP) Neutral Grounding System Used (Choose One) Wye connected generating units are often grounded – either through a resistor or directly, depending upon the nature of the electrical system to which the Generator is connected. If the grounding method used at this facility is not listed, please attach additional descriptive information.	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
M – *Synchronous Generators Only:* If the Generator is of a synchronous design, please provide the synchronous reactance, transient reactance, and subtransient reactance values supplied by the manufacturer. This information is necessary to determine the short circuit contribution of the Generator and as data in load flow and short circuit computer models of PG&E's Electric System. If the Generator's Gross Nameplate Capacity is 10 MW or greater, PG&E may request additional data to better model the nature and behavior of the Generator with relation to its Electric System.				
Synchronous Reactance:	_______ (Xd %)	_______ (Xd %)	_______ (Xd %)	_______ (Xd %)
Transient Reactance:	_______ (Xd %)	_______ (Xd %)	_______ (Xd %)	_______ (Xd %)
Subtransient Reactance:	_______ (Xd %)	_______ (Xd %)	_______ (Xd %)	_______ (Xd %)
N - *Induction Generators Only:*				
Locked Rotor Current:	_______ (Amps)	_______ (Amps)	_______ (Amps)	_______ (Amps)
Stator Resistance:	_________(%)	_________(%)	_________(%)	_________(%)
Stator Leakage Reactance:	_________(%)	_________(%)	_________(%)	_________(%)
Rotor Resistance:	_________(%)	_________(%)	_________(%)	_________(%)
Rotor Leakage Reactance:	_________(%)	_________(%)	_________(%)	_________(%)
If the Generator is of an induction design, please provide the "locked rotor current" value supplied by the manufacturer. If this value is not available, the stator resistance, stator leakage reactance, rotor resistance, rotor leakage reactance values supplied by the manufacturer may be used to determine the locked rotor current. If the Generator's Gross Nameplate Capacity is 10 MW or greater, PG&E may request additional data to better model the nature and behavior of the Generator with relation to its Electric System.				
O - Short Circuit Current Produced by Generator	_______ (Amps)	_______ (Amps)	_______ (Amps)	_______ (Amps)

INTERCONNECTION APPLICATION (Form 79-1174-02)
ATTACHMENT F
MACHINE-BASED TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
P – *For Generators that are Started as a "Motor" Only:* This information is needed only for Generators that are started by "motoring" the generator. See PG&E's Rule 21, Sections L.3.d. and L.7.b. for significance and additional information. If this question was answered in Part IV, question C of this Application, it need not be answered here. 1. In-Rush Current: 2. Host Customer's Service Entrance Panel (Main Panel) Continuous Current Rating:	________ (Amps) ________ (Amps)	________ (Amps) ________ (Amps)	________ (Amps) ________ (Amps)	________ (Amps) ________ (Amps)
Q – Prime Mover Type Please indicate the type and fuel used as the prime mover or source of energy for the Generator. 1 = Natural Gas 2 = Diesel Fueled 3 = Other Fuel	1 2 3	1 2 3	1 2 3	1 2 3
R - AC Disconnect For systems requiring an AC Disconnect only, please include the requested information about the AC Disconnect. See PG&E's Rule 21, Section H.1.d Located within 10 feet of the PG&E meter?	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No
S - Lineside Tap Where is the point of interconnection in relation to the main breaker? PG&E has special requirements for a lineside tap. Contact PG&E at: Rule21Gen@PGE.com for more information.	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side
T – Warranty or Service Agreement Applicant has verified that (i) a warranty of at least 10 years has been provided on all equipment and on its installation, or (ii) have a 10-year service warranty or executed	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
"agreement" ensuring proper maintenance and continued system performance.				
U - Cogeneration Please indicate whether this Generating Facility meets the definition of cogeneration in PUC 216.6 (5% useful thermal and 42.5% efficient):	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
V - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
W - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
X - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate control device.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes __ __ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
Y - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

MACHINE-BASED TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Z - Telemetry Will the Generating Facility Gross Nameplate Rating exceed 1 MW?	____ Yes ____ No			
If yes, please select a Telemetry Option.	_____ Customer-owned Telemetry - Gateway _____ Customer-owned Telemetry - Aggregator _____ Mini RTU			
If one of the Customer-owned Telemetry options is selected, please identify the preferred Site Metering Arrangement.	______Customer-side net load metering ______Replace PG&E meter with a Mark V meter and terminal block ______Add terminal block to existing PG&E Mark V meter ______Replace meter socket with dual-socket meter cabinet for installation of customer-owned meter ______Install customer-owned meter in existing dual socket meter cabinet.			

Electric Sample Form No. 79-1174-02G Sheet 1

Rule 21 Generator Interconnection Application - Attachment G

Please Refer to Attached
Sample Form

(Continued)

INTERCONNECTION APPLICATION (Form 79-1174-02)
ATTACHMENT G
FUEL CELL TECHNOLOGY

Please complete the following table for the specific generator technology indicated.

Instructions				
Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Please indicate the number of each “**type” and quantity** of Generator being installed. Be sure all Generators classified as one “type” are identical in all respects. If only one type of Generator is to be used, only one column needs to be completed.				
A - Generator/Inverter Manufacturer Enter the brand name of the Generator.				
B - Generator/Inverter Model Enter the model name or number assigned by the manufacturer of the Generator.				
C - Generator/Inverter Software Version If this Generator’s control and or protective functions are dependent on a software program supplied by the manufacturer of the equipment, please provide the version or release number for the software that will be used.				
D - Is the Generator/Inverter certified? Applicant has verified that all major solar system components are on the verified equipment list maintained by the California Energy Commission and other equipment, as determined by PG&E, has been verified by the customer as having safety certification from a nationally recognized testing laboratory. See PG&E’s Rule 21, Section L for additional information regarding Generator certification.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No

FUEL CELL TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
E - Generator Design Please indicate the design of each Generator. Designate “Inverter” anytime an inverter is used as the interface between the Generator and the electric system regardless of the primary power production/storage device used.	____ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter
F - Gross Nameplate Rating (kVA) This is the capacity value normally supplied by the manufacturer and stamped on the Generator’s nameplate. This value is not required where the manufacturer provides only a kW rating. However, where both kVA and kW values are available, please indicate both.				
G - Operating Voltage This value should be the voltage rating designated by the manufacturer and used in this Generating Facility. Please indicate phase-to-phase voltages for 3-phase installations. See PG&E’s Rule 21, Section H.2.b. and Table H.1., for additional information.				
H - Power Factor Rating This value should be the nominal power factor rating designated by the manufacturer for the Generator. See PG&E’s Rule 21, Section H.2.i. for additional information.				
I - PF Adjustment Range Where the power factor of the Generator is adjustable, please indicate the maximum and minimum operating values. See PG&E’s Rule 21, Section H.2.i.				
J - Wiring Configuration Please indicate whether the Generator is a single-phase or three-phase device. See PG&E’s Rule 21, Section H.3.				
K - (MP) 3-Phase Winding Configuration (Choose One) For three-phase generating units, please indicate the configuration of the Generator’s windings or inverter systems.	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye

FUEL CELL TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
L - (MP) Neutral Grounding System Used (Choose One) Wye connected generating units are often grounded – either through a resistor or directly, depending upon the nature of the electrical system to which the Generator is connected. If the grounding method used at this facility is not listed, please attach additional descriptive information.	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms
M - Short Circuit Current Produced by Generator	______ (Amps)	______ (Amps)	______ (Amps)	______ (Amps)
N – Prime Mover Type Please indicate the type and fuel used as the prime mover or source of energy for the Generator. 1 = Natural Gas 2 = Diesel Fueled 3 = Other Fuel	1 2 3	1 2 3	1 2 3	1 2 3
O - AC Disconnect For systems requiring an AC Disconnect only, please include the requested information about the AC Disconnect. See PG&E's Rule 21, Section H.1.d Located within 10 feet of the PG&E meter?	______ Manufacturer ______ Model # ______ Rating (amps) ____ Yes ____ No	______ Manufacturer ______ Model # ______ Rating (amps) ____ Yes ____ No	______ Manufacturer ______ Model # ______ Rating (amps) ____ Yes ____ No	______ Manufacturer ______ Model # ______ Rating (amps) ____ Yes ____ No
P - Lineside Tap Where is the point of interconnection in relation to the main breaker? PG&E has special requirements for a lineside tap. Contact PG&E at: Rule21Gen@PGE.com for more information.	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side
Q – Warranty or Service Agreement Applicant has verified that (i) a warranty of at least 10 years has been provided on all equipment and on its installation, or (ii) have a 10-year service warranty or executed "agreement" ensuring proper maintenance and continued system performance.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No

FUEL CELL TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
R - Cogeneration Please indicate whether this Generating Facility meets the definition of cogeneration in PUC 216.6 (5% useful thermal and 42.5% efficient):	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
S - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
T - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
U - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate control device.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
V - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

<table>
<tr><th>Generator Information</th><th>Existing Generator type 1</th><th>Existing Generator type 2</th><th>New Generator type 1</th><th>New Generator type 2</th></tr>
<tr><td>W - Telemetry

Will the Generating Facility Gross Nameplate Rating exceed 1 MW?

If yes, please select a Telemetry Option.

If one of the Customer-owned Telemetry options is selected, please identify the preferred Site Metering Arrangement.</td><td colspan="4">____ Yes
____ No

_____ Customer-owned Telemetry - Gateway
_____ Customer-owned Telemetry - Aggregator
_____ Mini RTU

______Customer-side net load metering
______Replace PG&E meter with a Mark V meter and terminal block
______Add terminal block to existing PG&E Mark V meter
______Replace meter socket with dual-socket meter cabinet for installation of customer-owned meter
______Install customer-owned meter in existing dual socket meter cabinet.</td></tr>
</table>

Electric Sample Form No. 79-1174-02H Sheet 1
Rule 21 Generator Interconnection Application - Attachment H

**Please Refer to Attached
Sample Form**

(Continued)

INTERCONNECTION APPLICATION (Form 79-1174-02)
ATTACHMENT H

ENERGY STORAGE TECHNOLOGY

Please complete the following table for the specific generator technology indicated.

Instructions				
Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Please indicate the number of each "**type" and quantity** of Generator being installed. Be sure all Generators classified as one "type" are identical in all respects. If only one type of Generator is to be used, only one column needs to be completed.				
A - Generator/Inverter Manufacturer Enter the brand name of the Generator.				
B - Generator/Inverter Model Enter the model name or number assigned by the manufacturer of the Generator.				
C - Generator/Inverter Software Version If this Generator's control and or protective functions are dependent on a software program supplied by the manufacturer of the equipment, please provide the version or release number for the software that will be used.				
D - Is the Generator/Inverter certified? Applicant has verified that all major solar system components are on the verified equipment list maintained by the California Energy Commission and other equipment, as determined by PG&E, has been verified by the customer as having safety certification from a nationally recognized testing laboratory. See PG&E's Rule 21, Section L for additional information regarding Generator certification.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
E - Generator Design Please indicate the design of each Generator. Designate "Inverter" anytime an inverter is used as the interface between the Generator and the electric system regardless of the primary power production/storage device used.	____ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter	__ Synch ____ Induct. ____ Inverter	____ Synch ____ Induct. ____ Inverter

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
F - Gross Nameplate Rating (kVA) This is the capacity value normally supplied by the manufacturer and stamped on the Generator's nameplate. This value is not required where the manufacturer provides only a kW rating. However, where both kVA and kW values are available, please indicate both.				
G - Energy Storage Electrical Source Function (in addition, please complete section: "Additional Information Required for Energy Storage")	Max kWh Capacity: ________ Rated kW Discharge: ________	Max kWh Capacity: ________ Rated kW Discharge: ________	Max kWh Capacity: ________ Rated kW Discharge: ________	Max kWh Capacity: ________ Rated kW Discharge: ________
H - Operating Voltage This value should be the voltage rating designated by the manufacturer and used in this Generating Facility. Please indicate phase-to-phase voltages for 3-phase installations. See PG&E's Rule 21, Section H.2.b. and Table H.1., for additional information.				
I - Power Factor Rating This value should be the nominal power factor rating designated by the manufacturer for the Generator. See PG&E's Rule 21, Section H.2.i. for additional information.				
J - PF Adjustment Range Where the power factor of the Generator is adjustable, please indicate the maximum and minimum operating values. See PG&E's Rule 21, Section H.2.i.				
K - Wiring Configuration Please indicate whether the Generator is a single-phase or three-phase device. See PG&E's Rule 21, Section H.3.				

ENERGY STORAGE TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
L - (MP) 3-Phase Winding Configuration (Choose One) For three-phase generating units, please indicate the configuration of the Generator's windings or inverter systems.	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye	__3 Wire Delta __3 Wire Wye __4 Wire Wye
M - (MP) Neutral Grounding System Used (Choose One) Wye connected generating units are often grounded – either through a resistor or directly, depending upon the nature of the electrical system to which the Generator is connected. If the grounding method used at this facility is not listed, please attach additional descriptive information.	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms	__ Ungrounded __ Solidly Grounded __ Ground Resistor __ Ohms
N - Short Circuit Current Produced by Generator:	________ (Amps)	________ (Amps)	________ (Amps)	________ (Amps)
O – Prime Mover Type Please indicate the type and fuel used as the prime mover or source of energy for the Generator. 1 = Natural Gas 2 = Diesel Fueled 3 = Other Fuel	1 2 3	1 2 3	1 2 3	1 2 3
P - AC Disconnect For systems requiring an AC Disconnect only, please include the requested information about the AC Disconnect. See PG&E's Rule 21, Section H.1.d Located within 10 feet of the PG&E meter?	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No	________ Manufacturer ________ Model # ________ Rating (amps) ____ Yes ____ No

ENERGY STORAGE TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Q - Energy Storage (ES) System (For important sizing information related to DC-Couple configurations, see sizing note below).	____________ Manufacturer ____________ Model # ____________ Quantity of Units	____________ Manufacturer ____________ Model # ____________ Quantity of Units	____________ Manufacturer ____________ Model # ____________ Quantity of Units	____________ Manufacturer ____________ Model # ____________ Quantity of Units
R - Lineside Tap Where is the point of interconnection in relation to the main breaker? PG&E has special requirements for a lineside tap. Contact PG&E at: Rule21Gen@PGE.com for more information.	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side	____ Customer side ____ PG&E side
S – Warranty or Service Agreement Applicant has verified that (i) a warranty of at least 10 years has been provided on all equipment and on its installation, or (ii) have a 10-year service warranty or executed “agreement” ensuring proper maintenance and continued system performance.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
T - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
U - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No

ENERGY STORAGE TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
V - Basic Single Line Diagram (SLD) If the interconnection is eligible to use a Basic SLD, please include the requested information.	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ Storage Breaker Size (Amps)	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ Storage Breaker Size (Amps)	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ Storage Breaker Size (Amps)	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ Storage Breaker Size (Amps)
Can this system be used as a back-up generator?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
If so, please include the requested information for the back-up controller or other device.	________ Manufacturer ________ Make ________ Model No.	________ Manufacturer ________ Make ________ Model No.	________ Manufacturer ________ Make ________ Model No.	________ Manufacturer ________ Make ________ Model No.
W - Back-up Generator Operation Will the generator be operated as a back-up?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
If yes, please indicate control device.	☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
X - Limited Export Will the generator export be limited?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
If yes, please indicate how export will be limited.	☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Y - Telemetry Will the Generating Facility Gross Nameplate Rating exceed 1 MW?	____ Yes ____ No			
If yes, please select a Telemetry Option.	_____ Customer-owned Telemetry - Gateway _____ Customer-owned Telemetry - Aggregator _____ Mini RTU			
If one of the Customer-owned Telemetry options is selected, please identify the preferred Site Metering Arrangement.	______Customer-side net load metering ______Replace PG&E meter with a Mark V meter and terminal block ______Add terminal block to existing PG&E Mark V meter ______Replace meter socket with dual-socket meter cabinet for installation of customer-owned meter ______Install customer-owned meter in existing dual socket meter cabinet.			

ENERGY STORAGE TECHNOLOGY

Energy Storage Charging Function:

Rated Charge Demand (Load): ____________ kW

Estimated annual Net Energy Usage* of the energy storage device(s): ____ ____ kWh

*Net Energy usage = (kWh input, including charging, storage device auxiliary loads and losses) – (kWh output including discharging)

Will the Distribution Grid be used to charge the storage device: ☐ Yes ☐ No

If no: Provide technical description of control systems including (e.g. Nationally-certified piece of equipment, Relays/metering):

Source of energy for Charging: ____

Mechanism to prevent charging from the Distribution System: ________________________________

If Yes: Will charging the storage device(s) increase the host facility's existing peak load demand:

☐ Yes ☐ No

If Yes: Provide the following loading information:

Amount of added peak demand: ____ kW

If no: Provide technical description of controls systems including:

Charging periods: ____

Mechanism to prevent charging from the Distribution System during host facility peak:

____

Expedited Interconnection Process Selection for Non-Export Energy Storage:

☐ This project meets the requirements identified in Rule 21 Section N and this process is being selected for expedited interconnection.

Note on Sizing (DC-Coupled Configurations)

The size of the storage system in DC-coupled NEM-eligible generator plus storage systems is the lesser of the shared inverter's (or inverters') nameplate capacity (capacities summed) and the storage device's (devices') maximum continuous discharge capacity (capacities summed) listed on the device's (devices') technical specifications sheets. A storage device's maximum continuous discharge capacity may be listed on technical specification sheets using different terminology. Note: PG&E will use common sense to determine whether a device's technical specification sheet includes the appropriate metric for purposes of determining system size, regardless of the terminology used. If that metric is not included, PG&E may rely on the inverter's nameplate rating.

For example:

- What is the maximum continuous discharge capability for each storage unit?
  ____________ +____________ +____________ +____________ + ____________ =. total_________
- What is each inverter's nameplate rating?
  ____________ +____________ +____________ +____________ + ____________ =. total_________

Electric Sample Form No. 79-1193 Sheet 1

Agreement and Customer Authorization Net Energy Metering (NEM) Interconnection For Solar And/Or Wind Electric Generating Facilities Of 30 Kilowatts Or Less Paired with Energy Storage of 10 Kilowatts Or Less or Energy Storage with Power Control System Certification

Please Refer to Attached Sample Form

(Continued)

AGREEMENT AND CUSTOMER AUTHORIZATION
Net Energy Metering (NEM) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less: with Energy Storage of 10 Kilowatts or Less, or Energy Storage with Power Control System Certification

IMPORTANT NOTES:

- Customers may not operate their Generating Facility while interconnected to the PG&E system until they receive written permission from PG&E.
- City and County of San Francisco ("CCSF") owned generating facilities seeking Schedule NEMCCSF and participants in the Demand Response Programs below are not eligible to participate in NEM.
  - Scheduled Load Reduction Program (SLRP)
  - SmartRate
- Customers who participate in Direct Access and Community Choice Aggregation must contact their Energy Service Provider directly regarding their NEM program.

Part I – Generating Facility Information and Responsible Parties

A. Customer and Generating Facility Information (*as it appears on the PG&E bill):

NEM 30 kilowatts or Less Paired with Energy Storage: ❑ Single Account ❑ Multiple Aggregated Accounts

Note: Net Energy Metering Aggregation (NEMA) is a program that allows customers with multiple meters to use the renewable energy generated at one meter (up to 1MW) to be credited against other meters that are located on parcel(s) that is/are contiguous or adjacent to the parcel that has the renewable generator. Energy Storage system must be 10 kilowatts or less.

Customer Sector (check only one):

❑ Residential
❑ Commercial
❑ Industrial
❑ Non-Profit
❑ Educational
❑ Military
❑ Other Government

______________________ Account Holder Name* (Individual or Company)

______________________ Electric Service Agreement ID *

______________________ Meter Number*

______________________ Service Address*

______________________ City*

CA State

______________________ Zip*

______________________ Customer Phone Number

______________________ Email (if blank, Permission to Operate (PTO) letter will be mailed to mailing address on record)

B. Meter Access Issues (if applicable, check all that apply and provide contact information to request access):

❑ Meter in building or behind locked gate
❑ Unrestrained animal at meter or AC Disconnect Switch
❑ Other: ______________________

______________________ Contact Name to Request Access (if access issues exist)

______________________ Contact Phone

C. Authorized Contact Information (required if Customer is authorizing a third party to act on Customer's behalf):

Company Name ____________________ Contact Person ____________________

Contact Phone Number ____________________ Email ____________________

☐ **By checking this box and signing this Agreement, I (Customer) authorize PG&E to release my PG&E Electric Account information to the Company above limited to kilowatt hour (kWh) usage, operational characteristics, and other information related to my Generating Facility application. Company is also authorized to submit an Interconnection Request and act on my behalf with regard to the interconnection and receive copies of this executed Interconnection Agreement and the Permission to Operate Letter when issued.**

Part II – NEM Generator System Size

A. Interconnection Study and Requirements

This Agreement covers the installed Generating Facility nameplate listed in the associated Interconnection Request.

The interconnection study will use the nameplate to determine if Interconnection Facilities or Distribution or Network Upgrades are required and the responsible party for the associated costs. If upgrades are required, this will increase the time it will take for PG&E to approve your interconnection.

In order for PG&E to approve your system, you will need to provide (1) this signed Agreement, (2) a valid Interconnection Request, and (3) a copy of the final signed jurisdiction approval (building permit) for your project.

NEM systems should be sized with an estimated annual production no larger than 100% of the Customer's total previous 12 months of usage (annual usage) and projected future increase. For customers on a Time-of-Use rate, sizing your system to offset 80%-85% of your average electricity usage could be an effective way to minimize your electricity bill. For customer who are not on a Time-of-Use rate, you might want to size your system larger (90-95% of your annual load), in order to minimize your electricity bill. Of course, individual circumstances may vary. Customers can obtain their usage data by following the instructions on www.pge.com on the page titled "Access, download, or share usage data." System sizing eligibility will be reviewed using the criteria below.

B. Generator System Sizing

Please complete this section only if installing a new Solar or Wind system or modifying an existing Solar or Wind system. This section is not applicable if only adding energy storage to an existing previously interconnected Solar or Wind system.

The individual Solar CEC-AC KW and/or the Wind Turbine and/or Storage rating(s) calculated on the application cannot exceed 5% of the listed value(s) on this Agreement and Authorization.

Generator System Type: ☐ Solar ☐ Wind ☐ Both

Estimated Annual Production:

	(1) Solar CEC-AC rating[A]	______ (kW) X 1,500[B]	=	______ (kWh)
AND/OR	(2) Wind Nameplate rating	______ (kW) X 2,190[C]	=	______ (kWh)
	(3) Total Energy Production	______ (1) + (2)	=	______ (kWh)

Estimated Annual Energy Usage:

	(4) Recent annual usage	______ (kWh) X 1.0	=	______ (kWh)
OR (If 12 months usage not available)	(5) Building size	______ (sq ft) X 3.00[D]	=	______ (kWh)
AND	(6) I plan to increase my annual usage (kWh) by			______ (kWh)
	(7) Total Energy Usage	(4 or 5) + (6)	=	______ (kWh)

Net Generation:

	(8) Production - Usage	(3) – (7)	=	______ (kWh)*

*Positive number indicates that the system is estimated to generate more than the estimated usage. Please refer to Part IV, Section J to read the provisions around Net Surplus Compensation (NSC).

A Non-NEM Eligible Energy Storage System or an Energy Storage System with a Certified Power Control System (see Section R):

Energy Storage System Rating ______________________ kW

Does the energy storage system share an inverter with the NEM system? ☐ Yes ☐ No

If not, please provide:

Energy Storage Inverter Rating ______________________ kW

[A] CEC-AC (kW) = California Energy Commission Alternating Current, refers to the inverter efficiency rating (Quantity of PV Modules x PTC Rating of PV Modules x CEC Inverter Efficiency Rating)/1000

[B] 8,760 hrs/yr x 0.17123 solar capacity factor = 1,500

[C] 8,760 hrs/yr x 0.25 wind capacity factor = 2,190

[D] 2 watts/ sq ft x 1/1,000 watts x 8,760 hrs/yr x 0.17123 solar capacity factor = 3.00

AGREEMENT AND CUSTOMER AUTHORIZATION Net Energy Metering (NEM) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less: with Energy Storage of 10 Kilowatts or Less, or Energy Storage with Power Control System Certification

Part III – Rate Selection

A. Current Rate: Please identify your existing rate by reviewing your PG&E energy statement or by calling the phone number listed below.

Otherwise Applicable Rate Schedule (OAS) for NEM Account: Select one rate from the category applicable to you. Visit www.pge.com/rateoptions or call (800)-PGE-5000 for rate information.

- ☐ Stay on existing rate
- ☐ Requested new rate _______________

If your current rate is a closed rate, as identified in Footnote F, and you are now opting to move to a non-closed rate per the Otherwise Applicable Rate Schedule (OAS) for NEM Account, please check the box below acknowledging that you are leaving the closed rate and will not be able to select the closed rate in the future.

- ☐ I acknowledge and consent to leaving my current rate that is a closed rate.

Part IV – Interconnection Agreement Provisions

A. Purpose

The purpose of this Net Energy Metering (NEM) Application and Interconnection Agreement for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less (Agreement) is to allow Customer to interconnect with Pacific Gas and Electric Company's (PG&E) Distribution System, subject to the provisions of this Agreement and PG&E's Electric Schedule Net Energy Metering (NEM). Customer has elected to interconnect and operate its solar and/or wind electric Generating Facility in parallel with PG&E's Distribution System to offset part or all of the Customer's own electrical requirements at this service point. Customer shall comply at all times with this Agreement as well as with all applicable laws, tariffs and requirements of the California Public Utilities Commission (CPUC).

B. Applicability

This Agreement applies to Electric Schedule NEM Customer-Generators (Customer) who interconnect a solar and/or wind turbine electrical Generating Facility, or a hybrid system of both, with an aggregate capacity of 30 kilowatts or less that is located on Customer's premises and that operates in parallel with PG&E's Distribution System.

C. NEM Transition

Customers receiving service on the current NEM tariff prior to the date that PG&E reaches its NEM Cap or July 1, 2017, whichever is earlier, are subject to the NEM Transition Provisions outlined in Rate Schedule NEM. Please see Rate Schedule NEM at https://www.pge.com/tariffs/assets/pdf/tariffbook/ELEC_SCHEDS_NEM.pdf for more details.

D. Permission to Operate

Customer may not operate their generator while interconnected to the PG&E system until receiving written permission from PG&E. Unauthorized Parallel Operation could result in injury to persons and/or damage to equipment and/or property for which the Customer may be liable.

E. Safety

Customer shall meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, accredited testing laboratories such as Underwriters Laboratories and, where applicable, PG&E's Electric Rule 21, and other rules approved by the CPUC regarding safety and reliability. A Customer with a solar or wind-turbine electrical generating system, or a hybrid system of both, that meets those standards and rules shall not be required to install additional controls, perform or pay for additional tests, or purchase additional liability insurance.

F. Safe Operation of your Generating Facility

Notwithstanding any other provision of this Agreement, if at any time PG&E determines that the Customer's Facility, or its operation, may endanger (a) the public, (b) PG&E personnel, or (c) the safe and reliable operation of PG&E's electrical system, PG&E shall have the right to disconnect the Facility from PG&E's system. Customer's Facility shall remain disconnected until such time as PG&E is satisfied that the unsafe condition(s) have been corrected.

G. AC Disconnect Switch

PG&E recommends that a customer installing an inverter-based generator consider also installing an AC Disconnect Switch to facilitate maintenance of the Customer's equipment (i.e. inverter, PV arrays, etc.). If an AC Disconnect Switch is not installed, the revenue meter may be temporarily removed by PG&E due to an emergency or maintenance on PG&E's system to isolate the Customer's generator from the electric distribution system. Removal of the revenue meter will result in loss of electrical service to the Customer's facility or residence. AC Disconnect Switch requirements are available in PG&E's Greenbook www.pge.com/greenbook.

H. Rate

Customer has confirmed their otherwise applicable rate schedule (OAS), establishing how Customer's monthly usage or net generation will be charged/credited when submitting this Agreement. Further Customer-initiated rate changes are governed in accordance with PG&E's Electric Rule 12.

I. NEM Billing

PG&E installs a "net meter" on a customer's property that measures the net energy, defined as the difference between the amount of electricity supplied by the energy service provider and the amount of electricity exported to the grid over the course of a month. The Customer's account is enrolled in the NEM program and put on an annual (12- billing months) true-up cycle.

The meter is read monthly and an amount is calculated based on the net energy recorded in kilowatt hours (kWh). If a customer exported more electricity than they drew from PG&E in a given billing cycle, the amount is deemed a surplus. If a customer received more electricity from PG&E than they exported, the amount is deemed a charge. The rate at which the charge or surplus is calculated is based on the customer's OAS which is requested by the Customer in this Agreement.

After 12 billing cycles, the corresponding charges and surpluses are reconciled in the annual true-up bill. Any remaining charges must be paid and any excess surpluses are typically zeroed out. More information about NEM billing is available at www.pge.com/nembilling.

J. Net Surplus Compensation (NSC)

NSC payments are made to NEM customers who produce more electricity than they use during the Relevant Period. The payment rate is based on a rolling 12-month average of spot market prices and may fluctuate on a monthly basis. The historical range of the NSC rate at the time of this Advice Filing is approximately $0.03 to $0.04. A history of NSC rates is available at www.pge.com/nembilling. If a customer would like to opt out from receiving this payment, please visit www.pge.com/nsc and complete the Request to Opt-Out (Form 79-1130). Participants in NEMA, please see provisions in Form 79-1153.

K. Limitation of Liability

PG&E's and Customer's (Individually Party or together Parties) liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, consequential, or punitive damages of any kind whatsoever.

L. Governing Law

This Agreement shall be interpreted, governed, and construed under the laws of the State of California as if executed and to be performed wholly within the State of California.

M. Governing Authority

This Agreement shall at all times be subject to such changes or modification by the CPUC as said Commission may, from time to time, direct in the exercise of its jurisdiction.

N. Term of Agreement

This Agreement shall become effective as of the date of PG&E's issuance of the permission to operate letter after receipt of all applicable fees, required documents, and this completed Agreement. This Agreement shall continue in full force and effect until terminated by either Party providing 30-days prior written notice to the other Party, or when a new Customer takes service with PG&E operating this approved generating facility. This new Customer will be interconnected subject to the terms and conditions as set forth in Schedule NEM.

O. Meter Access

The electric meter must be installed in a safe location easily accessible upon PG&E request.

P. Stale Agreements

If this agreement is still pending one year from the date it is received by PG&E and Customer has not met all of the requirements, PG&E will close this application and Customer will be required to submit a new Agreement and Application should Customer wish to take service on Schedule NEM.

Q. Smart Inverters

For Customer applications received on or after September 9, 2017, the Customer certifies that their inverter-based Generating Facilities fully comply with Section Hh of Rule 21, including configuration of protective settings and default settings, in accordance with the specifications therein.

Distribution Provider may require a field verification of the Customer's inverter. Customer further agrees to cooperate fully with any such request and make their inverter available to the Distribution Provider for such verification. Customer understands that in the event the inverter is not set in accordance with Section Hh of Rule 21, Customer will need to cease operation of generating facility until verification is confirmed by Distribution Provider.

Solar inverter models and firmware versions that comply with Rule 21 Section Hh can be found at https://www.energy.ca.gov/programs-and-topics/topics/renewable-energy/solar-equipment-lists.

Verification of compliance with such requirements shall be provided by the Customer upon request by PG&E in accordance with PG&E's Electric Rule 21.

An "existing inverter" is defined as an inverter that is a component of an existing Generating Facility that meets one or more of the following conditions:

(a) it is already approved by PG&E for interconnection prior to September 9, 2017
(b) the Customer has submitted the interconnection application prior to September 9, 2017,
(c) the Customer provides evidence of having applied for an electrical permit for the Generating Facility installation that is dated prior to September 9, 2017 and submitted a complete interconnection application[E] no later than March 31, 2018, or
(d) the Customer provides evidence of a final inspection clearance from the governmental authority having jurisdiction over the Generating Facility prior to September 9, 2017.

All "existing inverters" are not required to be Smart Inverters and are only subject to Section H of Rule 21. Customer replacing an "existing inverter" certifies it is being replaced with either:

(i) inverter equipment that complies with Section Hh of Rule 21, (encouraged); or
(ii) a conventional inverter that is of the same size and equivalent ability to that of the inverter being replaced, as allowed in Rule 21 Section H.3.d.ii.

R. Power Control System Certification

By signing below, customer confirms that Energy Storage over 10 kW has received UL 1741 CRD for Power Control Systems (PCS) certification that will comply with either No Grid Charge or No Storage Export as defined in Schedule NEM2.

[E] A complete application consists all of the following without deficiencies:
1. A completed Interconnection Application including all supporting documents and required payments
2. A completed signed Interconnection Agreement
3. Evidence of the Customer final inspection clearance from the governmental authority having jurisdiction over the generating system.

AGREEMENT AND CUSTOMER AUTHORIZATION
Net Energy Metering (NEM) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less: with Energy Storage of 10 Kilowatts or Less, or Energy Storage with Power Control System Certification

Pacific Gas and Electric Company

Part V – Signature

IMPORTANT INFORMATION FOR CUSTOMERS – BE SURE TO READ THIS ENTIRE DOCUMENT BEFORE SIGNING – THIS IS A LEGALLY BINDING CONTRACT – READ IT CAREFULLY.

THIS FORM MUST BE SIGNED BY AN EXISTING PG&E CUSTOMER.

Under Pacific Gas and Electric Company's (PG&E's) privacy policies, which can be found at [www.pge.com/about/company/privacy/customer], PG&E generally does not sell or disclose personal information about you, such as your name, address, phone number, or electric account and billing information, to third parties unless you expressly authorize us to do so. The purpose of this form is to allow you, the customer, to exercise your right to choose whether to disclose your personal electricity usage data and other personal information to a third party. Once you authorize a third party to access personal information about you, you are responsible for ensuring that the third party safeguards the personal information from further disclosure without your consent.

As a condition of interconnection, pursuant to CPUC Decisions 14-11-001, 20-08-001, and 21-06-026, PG&E is required to provide certain data, including but not limited to confidential customer information, to the CPUC and its contractors, the California Department of Consumer Affairs Contractors State License Board, and the California Department of Financial Protection & Innovation (the "State Entities").

By signing below, I declare under penalty of perjury under the laws of the State of California that:

1) **The information provided in this Agreement is true and correct.**
2) **By completing the fields and checking the box in Part I Section C, I authorize the identified third party (Company) to receive my information and act on my behalf, which includes submitting or revising my Interconnection Application.**
3) **I authorize PG&E to release any and all information contained in this application, and addendum if applicable, for interconnection to the State Entities identified in this Part V without further notification or consent.**
4) **I have completed and reviewed Part II to determine if my system is sized to meet no more than my projected energy usage.**
5) **I have read in its entirety and agree to all the terms and conditions in this Interconnection Agreement and agree to comply with PG&E's Electric Rule 21.**

____
(Print Customer Name as it appears on the PG&E Bill)

____
(Signature)

____
(Print name and title of signee, applicable if customer is a Company)
(e.g. John Doe, Manager)

____
(Date)

AGREEMENT AND CUSTOMER AUTHORIZATION
Net Energy Metering (NEM) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less: with Energy Storage of 10 Kilowatts or Less, or Energy Storage with Power Control System Certification

Note: PG&E will accept electronic signatures that are verified by qualified Third Parties such as, Adobe EchoSign, e-SignLive, and DocuSign for this Agreement if the Agreement is completed in its entirety before signing.

To confirm project approval, the Customer should retain a copy of this signed agreement and a copy of the Permission to Operate (PTO) letter from PG&E authorizing the Customer to operate the Generating Facility after PG&E deems satisfactory compliance with all NEM requirements.

Electric Sample Form No. 79-978-02 Sheet 1

Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities of 1,000 Kilowatts or Less, Other than Facilities of 30 Kilowatts or Less

Please Refer to Attached Sample Form

INTERCONNECTION AGREEMENT FOR NET ENERGY METERING (NEM2) OF SOLAR OR WIND ELECTRIC GENERATING FACILITIES OF 1,000 kW OR LESS, OTHER THAN FACILITIES OF 30 kW OR LESS

This *Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities of 1,000 kW or Less, Other Than Facilities of 30 kW or Less* (Agreement)[1] is entered into by and between ____ (Customer-Generator), and Pacific Gas and Electric Company (PG&E), a California Corporation. Customer-Generator and PG&E are sometimes also referred to in this Agreement jointly as "Parties" or individually as "Party." In consideration of the mutual promises and obligations stated in this Agreement and its attachments, the Parties agree as follows:

1. SCOPE AND PURPOSE

This Agreement provides for Customer-Generator to interconnect and operate a Generating Facility in parallel with PG&E's Electric System to serve the electrical loads connected to the electric service agreement ID number that PG&E uses to interconnect Customer-Generator's Generating Facility. Customer-Generator's Generating Facility is intended primarily to offset part or all of the Customer-Generator's own electrical requirements. Consistent with, and in order to effectuate, the provisions of Sections 2827, 2827.7 and 2827.8 of the California Public Utilities Code and PG&E's electric rate Schedule NEM2 (NEM2), Parties enter into this Agreement. This Agreement applies to the Customer-Generator's Generating Facilities identified below with the specified characteristics and generating capacity, and does not allow interconnection or operation of facilities different than those described.

2. SUMMARY AND DESCRIPTION OF CUSTOMER-GENERATOR'S GENERATING FACILITY AND DESIGNATION OF OTHERWISE-APPLICABLE RATE SCHEDULE

2.1 A description of the Generating Facility, including a summary of its significant components and a single-line diagram showing the general arrangement of how Customer-Generator's Generating Facility and loads are interconnected with PG&E's Electric System, is attached to and made a part of this Agreement. (This description is supplied by Customer-Generator as Appendix A).

2.2 Generating Facility identification number: ________________ (Assigned by PG&E).

2.3 Customer-Generator's electric service agreement ID number: ______________ (Assigned by PG&E).

2.4 Name and address used by PG&E to locate the electric service agreement ID number used to interconnect the Generating Facility with PG&E's Electric System:

Name: ____________________________

Address: __________________________

City/Zip Code: ______________________

[1] Additional forms are available on PG&E's website at http://www.pge.com/gen).

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

Automated Document, Preliminary Statement Part

2.5 The Gross Nameplate Rating of the Generating Facility is: ______ kW.

2.6 The Net Nameplate Rating of the Generating Facility is ______ kW.

2.7 Customer-Generator's otherwise-applicable rate schedule as of the execution of this Agreement __________________.

2.8 The Generating Facility's expected date of Initial Operation is _________________. The expected date of Initial Operation shall be within two years of the date of this Agreement.

2.9 Smart Inverters - For Customer-Generator applications received on or after September 9, 2017, the Customer-Generator certifies that their inverter-based Generating Facilities fully comply with Section Hh of Rule 21, including configuration of protective settings **and default settings**, in accordance with the specifications therein.

Distribution Provider may require a field verification of the Customer-Generator's inverter. Customer-Generator further agrees to cooperate fully with any such request and make their inverter available to the Distribution Provider for such verification. Customer-Generator understands that in the event the inverter is not set in accordance with Section Hh of Rule 21, Customer-Generator will need to cease operation of generating facility until verification is confirmed by Distribution Provider.

(Solar Inverter models and firmware versions that comply with Rule 21 Section Hh can be found at https://www.energy.ca.gov/programs-and-topics/topics/renewable-energy/solar-equipment-lists.)

Verification of compliance with such requirements shall be provided by the Customer-Generator upon request by PG&E in accordance with PG&E's Electric Rule 21.

An "existing inverter" is defined as an inverter that is a component of an existing Generating Facility that meets one or more of the following conditions:

(a) it is already approved by PG&E for interconnection prior to September 9, 2017

(b) the Customer-Generator has submitted the interconnection application prior to September 9, 2017,

(c) the Customer-Generator provides evidence of having applied for an electrical permit for the Generating Facility installation that is dated prior to September 9, 2017 and submitted a complete interconnection application[2] no later than March 31, 2018, or

[2] A complete application consists all of the following without deficiencies:

1. A completed Interconnection Application including all supporting documents and required payments,
2. A completed signed Interconnection Agreement,
3. Evidence of the Customer-Generator final inspection clearance from the governmental authority having jurisdiction over the generating system.

(d) the Customer-Generator provides evidence of a final inspection clearance from the governmental authority having jurisdiction over the Generating Facility prior to September 9, 2017.

<u>All "existing inverters" are not required to be Smart Inverters and are only subject to Section H of Rule 21.</u> Customer-Generator replacing an "existing inverter" certifies it is being replaced with either:

(i) inverter equipment that complies with Section Hh of Rule 21, (encouraged); or

(ii) a conventional inverter that is of the same size and equivalent ability to that of the inverter being replaced, as allowed in Rule 21 Section H.3.d.ii.

3. DOCUMENTS INCLUDED AND DEFINED TERMS

3.1 This Agreement includes the following exhibits that are specifically incorporated herein and made a part of this Agreement.

Appendix A Description of Generating Facility and Single-Line Diagram (Supplied by Customer-Generator).

Appendix B A Copy of *PG&E's Agreement for Installation or Allocation of Special Facilities* (Forms 79-255, 79-280, 79-702) or *Agreements to Perform Any Tariff Related Work (62-4527*), if applicable (Formed by the Parties).

Appendix C NEM2 Load Aggregation Customer-Generator Declaration Warranting NEM2 Aggregation Is Located On Same or Adjacent or Contiguous Property to Generator Parcel

In addition, PG&E Electric Tariff Rules and Rates, including but not limited to Electric Rules 2, 14, 15, 16, and 21, Schedule NEM2, and Customer-Generator's otherwise-applicable rate schedule, available at PG&E's website at www.pge.com or by request, are specifically incorporated herein and made part of this Agreement.

3.2 When initially capitalized, whether in the singular or in the plural, the terms used herein shall have the meanings assigned to them either in this Agreement or in PG&E's Electric Rule 21, Section C.

4. CUSTOMER BILLING AND PAYMENT

Customer-Generator initially selects Pacific Gas and Electric Company's electric rate schedule referenced in Section 2.7 of this Agreement as its otherwise-applicable rate schedule. Customer-Generator understands that they will be billed according to the otherwise-applicable rate schedule and Schedule NEM2.

5. TERM AND TERMINATION

5.1 This Agreement shall become effective as of the last date entered in Section 18 below. The Agreement shall continue in full force and effect until the earliest date that one of the following events occurs:

(a) The Parties agree in writing to terminate the Agreement.

(b) Unless otherwise agreed in writing by the Parties, at 12:01 A.M. on the day following the date the electric service agreement ID number through which Customer-Generator's Generating Facility is interconnected to PG&E is closed or terminated.

(c) At 12:01 A.M. on the 61st day after Customer-Generator or PG&E provides written Notice pursuant to Section 11 below to the other Party of Customer-Generator's or PG&E's intent to terminate this Agreement.

5.2 Customer-Generator may elect to terminate this Agreement pursuant to the terms of Section 5.1(c) for any reason. PG&E may elect to terminate this Agreement pursuant to the terms of Section 5.1(c) for one or more of the following reasons:

(a) A change in applicable rules, tariffs, or regulations, as approved or directed by the Commission, or a change in any local, state or federal law, statute or regulation, either of which materially alters or otherwise affects PG&E's ability or obligation to perform PG&E's duties under this Agreement; or,

(b) Customer-Generator fails to take all corrective actions specified in PG&E's Notice that Customer-Generator's Generating Facility is out of compliance with the terms of this Agreement within the time frame set forth in such Notice; or,

(c) Customer-Generator abandons the Generating Facility. PG&E shall deem the Generating Facility to be abandoned if PG&E determines, in its sole opinion, the Generating Facility is nonoperational and Customer-Generator does not provide a substantive response to PG&E Notice of its intent to terminate this Agreement as a result of Customer-Generator's apparent abandonment of the Generating Facility affirming Customer-Generator's intent and ability to continue to operate the Generating Facility; or,

(d) Customer-Generator's Generating Facility ceases to meet all applicable safety and performance standards set out in Section 6.

5.3 Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application to terminate this Agreement.

5.4 Any agreements attached to and incorporated into this Agreement shall terminate concurrently with this Agreement unless the Parties have agreed otherwise in writing.

6. GENERATING FACILITY REQUIREMENTS

6.1 Customer-Generator's Generating Facility must meet all applicable safety and performance standards established by the National Electrical Code, the Institute of Electrical and Electronics Engineers, and accredited testing laboratories such as Underwriters Laboratories and, where applicable, rules of the Commission regarding safety and reliability including Rule 21.

6.2 Customer-Generator shall: (a) maintain the Generating Facility and Interconnection Facilities in a safe and prudent manner and in conformance with all applicable laws and regulations including, but not limited to, Section 6.1, and (b) obtain any governmental authorizations and permits required for the construction and operation of the Generating Facility and Interconnection Facilities. Customer-Generator shall reimburse PG&E for any and all losses, damages, claims, penalties, or liability it incurs as a result of Customer-Generator's failure to obtain or maintain any governmental authorizations and permits required for construction and operation of Customer-Generator's Generating Facility.

6.3 Customer-Generator shall not commence parallel operation of the Generating Facility until PG&E has provided express written approval. Such approval shall normally be provided no later than thirty (30) business days following PG&E's receipt of: (1) a completed *Generating Facility Interconnection Application for Non-Export or Certain Net Energy Metered Generating Facilities* (Form 79-974-02), including all supporting documents and payments as described in the Application; (2) a signed and completed *Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities, Other Than Facilities of 30 KW or Less* (Form 79-978-02); and (3) a copy of the Customer-Generator's final inspection clearance from the governmental authority having jurisdiction over the Generating Facility. Such approval shall not be unreasonably withheld. PG&E shall have the right to have representatives present at the Commissioning Test as defined in Rule 21. Customer-Generator shall notify PG&E at least five (5) business days prior to the initial testing.

6.4 In order to promote the safety and reliability of the customer Generating Facility, the Customer-Generator certifies that as a part of this interconnection request for NEM2, that all major solar system components are on the verified equipment list maintained by the California Energy Commission and certifies that other equipment, as determined by PG&E, has safety certification from a nationally recognized testing laboratory.

6.5 Customer-Generator certifies as a part of this interconnection request for NEM2 that

(i) a warranty of at least 10 years has been provided on all equipment and on its installation, or

(ii) a 10-year service warranty or executed "agreement" has been provided ensuring proper maintenance and continued system performance.

6.6 Customers on this tariff must pay for the interconnection of their Generation Facilities as provided in Electric Rule 21, pursuant to Decision 16-01-044.

7. INTERCONNECTION FACILITIES

7.1 Customer-Generator and/or PG&E, as appropriate, shall provide Interconnection Facilities that adequately protect PG&E's Electric System, personnel, and other persons from damage or injury, which may be caused by the operation of Customer-Generator's Generating Facility.

7.2 Customer-Generator shall be solely responsible for the costs, design, purchase, construction, permitting, operation, and maintenance of the Interconnection Facilities that Customer-Generator owns.

7.3 If the provisions of PG&E's Electric Rule 21, or any other tariff or rule approved by the Commission, require PG&E to own and operate a portion of the Interconnection Facilities, Customer-Generator and PG&E shall promptly execute an Special Facilities Agreement that establishes and allocates responsibility for the design, installation, operation, maintenance, and ownership of the Interconnection Facilities. This Special Facilities Agreement shall be attached to and made a part of this Agreement as Appendix B.

8. LIMITATION OF LIABILITY

Each Party's liability to the other Party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omission in its performance of this agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either Party be liable to the other Party for any indirect, special, consequential, or punitive damages of any kind whatsoever.

9. INSURANCE

Customer-Generator Facility is required to comply with standards and rules set forth in Section 6 and provide the following for insurance policies in place.

Customer-Generator shall furnish the required certificates and all endorsements to PG&E prior to Parallel Operation.

The certificate shall provide thirty (30) calendar days' written notice to PG&E prior to cancellation, termination, alteration, or material change of such insurance.

PG&E shall have the right to inspect or obtain a copy of the original policy or policies of insurance.

9.1 If at any time during this agreement the Customer-Generator fails to meet the requirements in Section 6 and is not self-insured under Section 9.3, the following insurance shall apply:

Customer-Generator shall procure and maintain a commercial general liability insurance policy at least as broad as the Insurance Services Office (ISO) commercial general liability coverage "occurrence" form; or, if Customer-Generator is an individual, then liability coverage with respect to premises and use at least as broad as the ISO homeowners' or personal liability Insurance occurrence policy form, or substitute, providing equivalent coverage no less than the following limits, based on generator size:

(a) Two million dollars ($2,000,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is greater than one hundred (100) kW; or

(b) One million dollars ($1,000,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is greater than twenty (20) kW and less than or equal to one hundred (100) kW; or

(c) Five hundred thousand dollars ($500,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is twenty (20) kW or less;

(d) Two hundred thousand dollars ($200,000) for each occurrence if the Gross Nameplate Rating of the Generating Facility is ten (10) kW or less and the Generating Facility is connected to an account receiving residential service from PG&E.

The insurance shall, by endorsement:

(a) Add PG&E as an additional insured;

(b) State that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by PG&E.

(c) Contain a severability of interest clause or cross-liability clause.

9.2 If Customer-Generator's Generating Facility is connected to an account receiving residential service from PG&E and the requirement of Section 9.1 prevents Customer-Generator from obtaining the insurance required in this Section, then upon Customer-Generator's written Notice to PG&E in accordance with Section 11.1, the requirements of Section 9.1 may be waived.

9.3 Customer-Generator may self-insure with approval from PG&E. Evidence of an acceptable plan to self-insure, at least thirty (30) calendar days' prior to operations shall be submitted. Customer-Generators such as state agencies that self-insure under this section are exempt from Section 10.1.

If Customer-Generator ceases to self-insure to the level required hereunder, or if Customer-Generator is unable to provide continuing evidence of Customer-Generator's ability to self-insure, Customer-Generator agrees to immediately obtain the coverage required under agreement.

9.4 All required certificates, endorsements or letters of self-insurance shall be issued and submitted via email to the following:

Pacific Gas and Electric Company
Attention: Electric Grid Interconnection – Contract Management
P.O. Box 770000
Mail Code N7L
San Francisco, CA 94177
Email: EGIContractMgmt@pge.com

10. INDEMNITY FOR FAILURE TO COMPLY WITH INSURANCE PROVISIONS

10.1 If Customer-Generator fails to comply with the insurance provisions of this Agreement, Customer-Generator shall, at its own cost, defend, save harmless and indemnify PG&E, its directors, officers, employees, agents, assignees, and successors in interest from and against any and all loss, liability, damage, claim, cost, charge, demand, or expense of any kind or nature (including attorney's fees and other costs of litigation) resulting from the death or injury to any person or damage to any property, including the personnel and property of the utility, to the extent that the utility would have been protected had Customer-Generator complied with all such insurance provisions. The inclusion of this Section 10.1 is not intended to create any expressed or implied right in Customer-Generator to elect not to provide any such required insurance.

10.2 The provisions of this Section 10 shall not be construed to relieve any insurer of its obligations to pay any insurance claims in accordance with the provisions of any valid insurance policy.

11. NOTICES

11.1 Any written notice, demand, or request required or authorized in connection with this Agreement (Notice) shall be deemed properly given if delivered in person or sent by first class mail, postage prepaid, to the person specified below:

If to PG&E: Pacific Gas and Electric Company
Attention: Electric Grid Interconnection – Contract Management
P.O. Box 770000
Mail Code N7L
San Francisco, CA 94177
Email: EGIContractMgmt@pge.com

If to Customer-Generator:

Customer-Generator Name: ______________________________

Address: ______________________________

City: ______________________________

Phone: (_____) ______________________________

FAX: (_____) ______________________________

11.2 A Party may change its address for Notices at any time by providing the other Party notice of the change in accordance with Section 11.1.

11.3 The Parties may also designate operating representatives to conduct the daily communications, which may be necessary or convenient for the administration of this Agreement. Such designations, including names, addresses, and phone numbers may be communicated or revised by one Party's Notice to the other.

12. REVIEW OF RECORDS AND DATA

12.1 PG&E shall have the right to review and obtain copies of Customer-Generator's operations and maintenance records, logs, or other information such as Generating Facility availability, maintenance outages, circuit breaker operation requiring manual reset, relay targets and unusual events pertaining to Customer-Generator's Generating Facility or its interconnection to PG&E.

12.2 Customer-Generator authorizes to release to the California Energy Commission (CEC) information regarding Customer-Generator's facility, including customer name and Generating Facility location, size, and operational characteristics, as requested from time to time pursuant to the CEC's rules and regulations.

12.3 As a condition of interconnection, pursuant to California Public Utilities Commission (CPUC) Decisions 14-11-001, 20-08-001, and 21-06-026, PG&E is required to provide certain data, including but not limited to confidential customer information, to the CPUC and its contractors, the California Department of Consumer Affairs Contractors State License Board, and the California Department of Financial Protection & Innovation (the "State Entities"). Customer-Generator authorizes PG&E to release any and all information contained in this application, and addendum if applicable, for interconnection to the State Entities without further notification or consent.

13. ASSIGNMENT

Customer-Generator shall not voluntarily assign its rights nor delegate its duties under this Agreement without PG&E's written consent. Any assignment or delegation Customer-Generator makes without PG&E's written consent shall not be valid. PG&E shall not unreasonably withhold its consent to Customer-Generator's assignment of this Agreement.

14. NON-WAIVER

None of the provisions of this Agreement shall be considered waived by a Party unless such waiver is given in writing. The failure of a Party to insist in any one or more instances upon strict performance of any of the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishment of any such rights for the future, but the same shall continue and remain in full force and effect.

15. GOVERNING LAW, JURISDICTION OF COMMISSION, INCLUSION OF PG&E's TARIFF SCHEDULES AND RULES

15.1 This Agreement shall be interpreted, governed, and construed under the laws of the State of California as if executed and to be performed wholly within the State of California without giving effect to choice of law provisions that might apply to the law of a different jurisdiction.

15.2 This Agreement shall, at all times, be subject to such changes or modifications by the Commission as it may from time to time direct in the exercise of its jurisdiction.

15.3 The interconnection and services provided under this Agreement shall at all times be subject to the terms and conditions set forth in the Tariff Schedules and Rules applicable to the electric service provided by PG&E, which Tariff Schedules and Rules are hereby incorporated into this Agreement by this reference.

15.4 Notwithstanding any other provisions of this Agreement, PG&E shall have the right to unilaterally file with the Commission, pursuant to the Commission's rules and regulations, an application for change in rates, charges, classification, service, tariff or rule or any agreement relating thereto.

16. AMENDMENT AND MODIFICATION

This Agreement can only be amended or modified by a writing signed by both Parties.

17. ENTIRE AGREEMENT

This Agreement, including any incorporated Tariff Schedules and Rules, contains the entire Agreement and understanding between the Parties, their agents, and employees as to the subject matter of this Agreement. Each party also represents that in entering into this Agreement, it has not relied on any promise, inducement, representation, warranty, agreement or other statement not set forth in this Agreement or in the incorporated Tariff Schedules and Rules.

18. SIGNATURES

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives. This Agreement is effective as of the last date set forth below.

______________________	**PACIFIC GAS AND ELECTRIC COMPANY**
(Customer Generator's Name)	
______________________	______________________
(Signature)	*(Signature)*
______________________	______________________
(Print Name)	*(Print Name)*
______________________	______________________
(Title)	*(Title)*
______________________	______________________
(Date)	*(Date)*

APPENDIX A

DESCRIPTION OF GENERATING FACILITY AND SINGLE-LINE DIAGRAM

(Provided by Customer-Generator)

APPENDIX B (If Applicable)

Any Rule 2 or Rule 21 Agreements for the Installation or Allocation of Special Facilities (Forms 79-255, 79-280, 79-702) or Agreements to Perform Any Tariff Related Work (62-4527)
(Formed between the Parties)

Appendix C

NEM LOAD AGGREGATION APPENDIX

(If Applicable)

Customer-Generator Declaration Warranting NEM2 Aggregation Is Located On Same or Adjacent or Contiguous Property to Generator Parcel

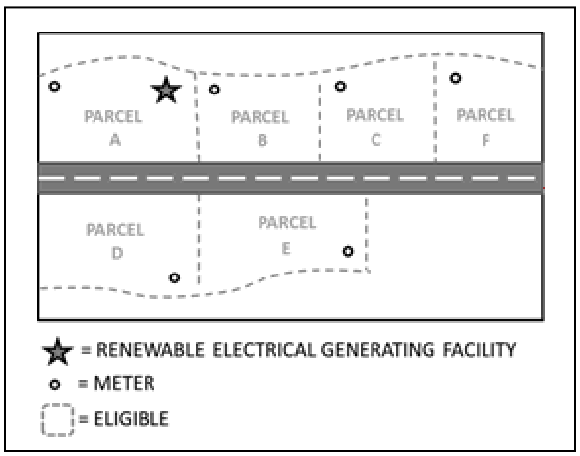
In accordance with Schedule NEM2, I, Customer-Generator represent and warrant under penalty of perjury that:

1) The total annual output in kWh of the generator is less than or equal to 100% of the annual aggregated electrical load in kWh of the meters within the arrangement, including the load on the generating account itself (before being offset by the generator), and including any estimated future additional load; and

2) Each of the aggregated account meters associated with this NEM2 generator account are located either:

(i) on the property where the renewable electrical generation facility is located, or

(ii) are located within an unbroken chain of contiguous parcels that are all solely owned, leased or rented by the customer-generator. For purposes of Load Aggregation, parcels that are divided by a street, highway, or public thoroughfare are considered contiguous, provided they are within an unbroken chain of otherwise contiguous parcels that are all solely owned leased or rented by the customer-generator.



For example, assume there are five parcels (A, B, C, D, E, and F) that form a cluster of contiguous parcels and D and E are separated from A, B, C and F by a street, highway, or public thoroughfare. For the purposes of participating in Load Aggregation, all five parcels are considered contiguous, provided they are otherwise contiguous and all are solely owned, leased or rented by the customer-generator. Refer to the diagram at left (for illustrative purposes only.)

3) PG&E reserves the right to request a parcel map to confirm the property meets the requirements of 2) above; and

4) Customer-Generator agrees to notify PG&E if there is any change of status that makes any of the participating meters ineligible for meter aggregation to ensure that only eligible meters are participating; PG&E will require an updated Appendix and Declaration form; and

5) Upon request by PG&E, I agree to provide documentation that all aggregated meters meet the requirements of Rate Schedule NEM2 Special Condition 6 including but not limited to parcel maps and ownership records.

_______________________	_______________________
Customer Generator's Name	*Signature*
_______________________	_______________________
Date	*Type/Print Name*
	_______________________
	Title

ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

APPLICABILITY (CONT'D):

RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

All customers taking non TOU service under this rate schedule shall be subject to the rates set forth in Table A. All customers taking TOU service under this rate schedule shall be subject to the rates set forth in Table B.

RATES: Standard Non-Time-of-Use Rate

Table A

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage	
Total Customer Charge Rates				(T)
Customer Charge ($ per meter per day)	$5.91042	$5.91042	$5.91042	
Total Demand Rates ($ per kW)				
Summer	$18.45	$18.14	$12.98	
Winter	$18.45	$18.14	$12.98	
Total Energy Rates ($ per kWh)				
Summer	$0.23368	$0.21700	$0.16265	
Winter	$0.19607	$0.18178	$0.14553	

(Continued)

ELECTRIC SCHEDULE A-10 Sheet 5
MEDIUM GENERAL DEMAND-METERED SERVICE

RATES: Standard Non-Time-of-Use Rates

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

Table A (Cont'd.)

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component. (T)

Demand Rate by Components ($ per kW)	Secondary Voltage	Primary Voltage	Transmission Voltage
Generation:			
Summer	$0.00	$0.00	$0.00
Winter	$0.00	$0.00	$0.00
Distribution:**			
Summer	$7.39	$7.08	$1.92
Winter	$7.39	$7.08	$1.92
Transmission Maximum Demand*	$11.03	$11.03	$11.03
Reliability Services Maximum Demand*	$0.03	$0.03	$0.03
Energy Rate by Components ($ per kWh)			
Generation:			
Summer	$0.16657	$0.15019	$0.13010
Winter	$0.14481	$0.13136	$0.11298
Distribution:**			
Summer	$0.04412	$0.04420	$0.01057
Winter	$0.02827	$0.02781	$0.01057
Transmission Rate Adjustments* (all usage)	$0.00167	$0.00167	$0.00167
Public Purpose Programs (all usage)	$0.01785	$0.01758	$0.01724
Nuclear Decommissioning (all usage)	($0.00013)	($0.00013)	($0.00013)
Competition Transition Charges (all usage)	$0.00024	$0.00024	$0.00024
Energy Cost Recovery Amount (all usage)	($0.00429)	($0.00429)	($0.00429)
Wildfire Fund Charge (all usage)	$0.00459	$0.00459	$0.00459
New System Generation Charge (all usage)**	$0.00186	$0.00186	$0.00186
California Climate Credit (all usage)***	$0.00000	$0.00000	$0.00000
Wildfire Hardening Charge (all usage)	$0.00120	$0.00109	$0.00080

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.
*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

RATES: Time-of-Use Rates for Optional or Real-Time Metering Customers

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

Table B

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage	
Total Customer Charge Rates				(T)
Customer Charge ($ per meter per day)	$5.91042	$5.91042	$5.91042	
Total Demand Rates ($ per kW)				
Summer	$18.45	$18.14	$12.98	
Winter	$18.45	$18.14	$12.98	
Total Energy Rates ($ per kWh)				
Peak Summer	$0.24715	$0.23090	$0.17780	
Part-Peak Summer	$0.24715	$0.23090	$0.17780	
Off-Peak Summer	$0.22037	$0.20558	$0.15315	
Part-Peak Winter	$0.19668	$0.18178	$0.14592	
Off-Peak Winter	$0.19597	$0.18111	$0.14526	

(Continued)

ELECTRIC SCHEDULE A-10 Sheet 7
MEDIUM GENERAL DEMAND-METERED SERVICE

RATES: Time-of-Use Rates for Optional or Real-Time Metering Customers

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

Table B (Cont'd.)

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component. (T)

	Secondary Voltage	Primary Voltage	Transmission Voltage
Demand Rate by Components ($ per kW)			
Generation:			
Summer	$0.00	$0.00	$0.00
Winter	$0.00	$0.00	$0.00
Distribution:**			
Summer	$7.39	$7.08	$1.92
Winter	$7.39	$7.08	$1.92
Transmission Maximum Demand*	$11.03	$11.03	$11.03
Reliability Services Maximum Demand*	$0.03	$0.03	$0.03
Energy Rate by Components ($ per kWh)			
Generation:			
Peak Summer	$0.18004	$0.16409	$0.14525
Part-Peak Summer	$0.18004	$0.16409	$0.14525
Off-Peak Summer	$0.15326	$0.13877	$0.12060
Part-Peak Winter	$0.14542	$0.13136	$0.11337
Off-Peak Winter	$0.14471	$0.13069	$0.11271
Distribution:**			
Summer	$0.04412	$0.04420	$0.01057
Winter	$0.02827	$0.02781	$0.01057
Transmission Rate Adjustments* (all usage)	$0.00167	$0.00167	$0.00167
Public Purpose Programs (all usage)	$0.01785	$0.01758	$0.01724
Competition Transition Charge (all usage)	$0.00024	$0.00024	$0.00024
Energy Cost Recovery Amount (all usage)	($0.00429)	($0.00429)	($0.00429)
Nuclear Decommissioning (all usage)	($0.00013)	($0.00013)	($0.00013)
Wildfire Fund Charge (all usage)	$0.00459	$0.00459	$0.00459
New System Generation Charge (all usage)**	$0.00186	$0.00186	$0.00186
California Climate Credit (all usage)***	$0.00000	$0.00000	$0.00000
Wildfire Hardening Charge (all usage)	$0.00120	$0.00109	$0.00080

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.
*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

3. RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer Charge Rates	**Rate AG-A1**	**Rate AG-A2**	**Rate AG-B**	**Rate AG-C**	(T)
Customer Charge ($ per meter per day)	$0.68895	$0.68895	$0.91565	$1.43343	
Total Demand Rates ($ per kW)					
Secondary Voltage					
Maximum Peak Demand Summer	—	—	—	$22.36	
Maximum Demand Summer	$7.15	$13.06	$7.07	$12.69	
Maximum Demand Winter	$7.15	$13.06	$7.07	$12.69	
Primary Voltage					
Maximum Peak Demand Summer	—	—	—	$22.36	
Maximum Demand Summer	—	—	$6.11	$11.36	
Maximum Demand Winter	—	—	$6.11	$11.36	
Transmission Voltage					
Maximum Peak Demand Summer	—	—	—	$22.36	
Maximum Demand Summer	—	—	$2.37	$3.28	
Maximum Demand Winter	—	—	$2.37	$3.28	
Total Energy Rates ($ per kWh)					
Peak Summer	$0.45493	$0.38462	$0.44442	$0.20801	
Off-Peak Summer	$0.28899	$0.21869	$0.27157	$0.16857	
Peak Winter	$0.27862	$0.22558	$0.26750	$0.18022	
Off-Peak Winter	$0.24933	$0.19629	$0.23824	$0.15453	
Demand Charge Rate Limiter ($/kWh in all months, see Demand Charge Rate Limiter section)	—	—	—	$0.50	
PDP Rates (Consecutive Day and Five-Hour Event Option)*					
PDP Charges ($ per kWh)					
All Usage During PDP Event	$0.60	$0.60	$0.60	$0.70	
PDP Credits					
Demand ($ per kW)					
Peak Summer	—	-	—	($3.59)	
Energy ($ per kWh)					
Peak Summer	($0.08997)	($0.08913)	($0.10121)	-	

* See PDP Detail, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)

3. RATES: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component. (T)

Demand Charges by Component ($/kW)	Rate AG-A1	Rate AG-A2	Rate AG-B	Rate AG-C
Generation:				
Maximum Peak Demand Summer	—	—	—	$15.38
Distribution:**				
Secondary Voltage				
Maximum Peak Demand Summer	—	—	—	$6.98
Maximum Demand Summer	$7.15	$13.06	$7.07	$12.69
Maximum Demand Winter	$7.15	$13.06	$7.07	$12.69
Primary				
Maximum Peak Demand Summer	—	—	—	$6.98
Maximum Demand Summer	—	—	$6.11	$11.36
Maximum Demand Winter	—	—	$6.11	$11.36
Transmission				
Maximum Peak Demand Summer	—	—	—	$6.98
Maximum Demand Summer	—	—	$2.37	$3.28
Maximum Demand Winter	—	—	$2.37	$3.28

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

9. MAXIMUM-PEAK-PERIOD DEMAND

The customer’s maximum-peak-period demand will be the highest of all the 15-minute averages for the peak period during the billing month. (T)

10. DEMAND CHARGE RATE LIMITER:

If a customer takes service on rate AG-C under Schedule AG-C, at any voltage level, bills will be controlled by a "demand charge rate limiter" during all months of the year. The bill will be reduced, if necessary, so that the average rate paid per kWh for all demand and energy charges, excluding the monthly customer charge, during all months of the year does not exceed the Demand Charge Rate Limiter shown on this schedule. (T)

The Demand Charge Rate Limiter shall apply to all bundled service, Direct Access (DA), or Community Choice Aggregation (CCA) customers taking service on rate option AG-C under Schedule AG. DA/CCA customers will be billed as if paying full PG&E bundled Generation demand charge and energy charge rates to assess the applicability of the Demand Charge Rate Limiter, and shall receive bill adjustments on that basis, not on the basis of applicable DA/CCA Generation charges, or related PCIA and E-FFS rates. Net Energy Metering (NEM) customers shall be evaluated for the Demand Charge Rate Limiter on the basis of the energy the customer receives from PG&E prior to any bill adjustment for net exports. The Demand Charge Rate Limiter shall also apply to any AG-C customer who elects to receive separate billing for back-up and maintenance service pursuant to Special Condition 7 of Standby Schedule SB.

Demand Charge Rate Limiter applicability shall be evaluated on the basis of the full billing period, and not within a seasonal crossover or other bill segment basis. All revenue shortfalls attributable to the Demand Charge Rate Limiter will be assigned as a reduction to distribution charges. The Demand Charge Rate Limiter will apply to AG-C customer bills without regard to any incentives, charges, surcharges, or penalties associated with such programs as PDP, DRAM, BIP, and CBP.

This Demand Charge Rate Limiter provision will not apply if the customer has elected one of the following:

- Schedule AG, Rate Option AG-A1, AG-A2, or B; or
- Schedule AG-F, Rate Option A, B, or C.
- NEM aggregation, NEMA service on AG-C across multiple meter sites.
- Virtual NEM, NEMCCSF, NEMFC, NEMMT, NEM Paired Storage, NEMBIO, or RES-BCT. (D)

(Continued)

ELECTRIC SCHEDULE AG Sheet 10
TIME-OF-USE AGRICULTURAL POWER

11. DEFINITION OF SERVICE VOLTAGE: The following defines the three voltage classes of Schedule AG rates. Standard Service Voltages are listed in Rule 2, Section B.1. (T)

a. Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.

b. Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.

c. Transmission: This is the voltage class if the customer is served without transformation from PG&E's serving transmission system at one of the standard transmission voltages specified in PG&E's Rule 2, Section B.1.

PG&E retains the right to change its line voltage at any time. Customers receiving voltage discounts will get reasonable notice of any impending change. They will then have the option of taking service at the new voltage (and making whatever changes in their systems are necessary) or taking service without a voltage discount through transformers supplied by PG&E.

12. BILLING: A customer’s bill is calculated based on the option applicable to the customer. (T)

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer’s bill is based on the Total Rates and Conditions set forth in this schedule. Total generation charges for bundled customers include charges for the latest vintage Power Charge Indifference Adjustment shown in the Direct Access and Community Choice Aggregation section below. (T)
|
(T)

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1 or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

(Continued)

12.BILLING: (Cont'd)

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS. (T)

	DA / CCA CRS
Energy Cost Recovery Amount Charge (per kWh)	($0.00429)
Wildfire Fund Charge (per kWh)	$0.00459
CTC Charge (per kWh)	$0.00021
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	$0.01181
2010 Vintage	$0.01594
2011 Vintage	$0.01726
2012 Vintage	$0.01853
2013 Vintage	$0.01789
2014 Vintage	$0.01784
2015 Vintage	$0.01755
2016 Vintage	$0.01790
2017 Vintage	$0.01761
2018 Vintage	$0.01742
2019 Vintage	$0.01756
2020 Vintage	$0.01230
2021 Vintage	$0.02283
2022 Vintage	$0.02283

(Continued)

ELECTRIC SCHEDULE AG Sheet 12
TIME-OF-USE AGRICULTURAL POWER

13. STANDBY APPLICABILITY: SOLAR GENERATION FACILITIES EXEMPTION: Customers 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 and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges. (T)

DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take time-of-use service to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to time-of-use (TOU) and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.

14. WILDFIRE FUND CHARGE: The Wildfire Fund Charge was imposed by California Public Utilities Commission Decisions 19-10-056, 20-07-014, 20-09-005, and 20-09-023 and is property of Department of Water Resources (DWR) for all purposes under California law. The Charge became effective October 1, 2020, and applies to all retail sales, excluding CARE and Medical Baseline sales. The Wildfire Fund Charge (where applicable) is included in customers' total billed amounts. The Wildfire Fund Charge replaces the DWR Bond Charge imposed by California Public Utilities Commission Decisions 02-10-063 and 02-12-082. (T)

15. OPTIMAL BILLING PERIOD SERVICE: The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Rate AG-C under Schedule AG, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters. (T)

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

(Continued)

15. OPTIMAL BILLING PERIOD SERVICE: (Cont'd)

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following: (T)

a) a specific month and day for the start of the OBP; and/or

b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

Prior to receiving OBP service, the customer must pay an annual OBP fee of $160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution.

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.

16. PEAK DAY PRICING

a. **Default Provision**: The default of eligible customers to PDP will occur once per year with the start of their billing cycle after March 1. Eligible customers will have at least 45-days notice prior to their planned default date when they may opt-out of PDP rates to take service on TOU rates. During the 45-day period, customers will continue to take service on their non-PDP rate. Customers may elect any applicable PDP rate. However, if the customers taking service on this schedule have not made that choice or elected to opt-out to a TOU rate at least five (5) days before their proposed default date, their service will be defaulted to the PDP version of this rate schedule on their default date. (T)

In March 2022, customers who are enrolled in the version of PDP with 5 pm – 8 pm PDP Event Hours (5 to 8 PDP) will be transitioned to a version of PDP with 4 pm – 9 pm PDP Event Hours (4 to 9 PDP).

Starting in March 2022, 5 to 8 PDP will be discontinued, and only 4 to 9 PDP will be available with the AG schedule on the new rates with later TOU hours.

Bundled service Net Energy Metering (NEM) customers taking service on Schedule NEM, NEMV, NEMVMASH, NEM2, NEM2V, or NEM2VMSH are eligible for default to PDP and to opt-in to PDP. NEM customers on NEMBIO, NEMFC, NEMCCSF, and NEMA are not eligible for PDP. The NEM Annual True-Up billing date, and the first year PDP Bill Stabilization date in section b below, may be independent 12-month periods. After the first year on PDP, NEM credits can offset PDP charges. PDP credits and charges will be provided for exported generation. All PDP billing for NEM customers will be based on net usage during each 15-minute interval.

b. **Capacity Reservation Level**: Customers on the AG-C rate may elect a capacity reservation level (CRL) and pay for a fixed level of capacity, specified in kW. While the CRL is applicable year round, customers electing a CRL will be billed on a take-or-pay basis up to the specified CRL under the non-PDP rate of this schedule during the summer period (June 1 through September 30). This means that customers will be billed for summer peak generation demand charges up to the level of their CRL, even in summer months when the actual demand might be less than their CRL. Customers will receive PDP credits on summer usage above the CRL on all summer-period days. All usage during a PDP event protected under the CRL will be billed at the non-PDP rate. All usage above the CRL (as measured in 15-minute intervals), and not protected during a PDP event, will be billed at the PDP rate. If a customer fails to elect an initial CRL, the customer’s initial CRL will be set at 50% of its most recent full summer season average peak-period maximum demand and may go back to the previous year to make a full summer season (if available). If the customer has not established any historic summer billing demand, the CRL will be set at zero (0). The CRL for all customers, including NEM customers, must be greater than or equal to zero (0). A customer may only elect to change their CRL once every 12 months.

c. **Bill Stabilization**: PDP customers will be offered bill stabilization for the initial twelve (12) months unless they opt-out during their initial 45-day period. Bill stabilization ensures that during the initial 12 months under PDP, the customer will not pay more than it would have had it opted-out to the applicable TOU rate.

(Continued)

ELECTRIC SCHEDULE AG
TIME-OF-USE AGRICULTURAL POWER

16. PEAK DAY PRICING (Cont'd.):

c. **Bill Stabilization** (Cont'd.): (T)

If a customer terminates its participation on the PDP rate prior to the initial 12 month period expiring, the customer will receive bill stabilization up to the date when the customer terminates its participation. Bill stabilization benefits will be computed on a cumulative basis, based on the earlier of 1) when a customer terminates its participation on the PDP rate or 2) at the end of the initial 12-month period. Any applicable credits will be applied to the customer's account on a subsequent regular bill. Bill stabilization is only available one time per customer. If a customer un-enrolls or terminates its participation on a PDP rate, bill stabilization will not be offered again.

Active 5 to 8 PDP customers who have not completed 12-months of bill stabilization by the time they are transitioned to 4 to 9 PDP in their March 2022 billing cycle will seamlessly continue with their bill stabilization under 4 to 9 PDP until 12-months have elapsed since their initial enrollment in 5 to 8 PDP, or until they optionally unenroll from 4 to 9 PDP before 12-months.

5 to 8 PDP customers who have already received 12-months of bill stabilization, will not receive bill stabilization for a second time when they are transitioned to 4 to 9 PDP.

d. **Notification Equipment:** At the customer's option and expense, it is recommended, but not required that a customer provide a phone number or an e-mail address to receive automated voice, text, or email notification messages of a PDP event from PG&E.

If a PDP event occurs, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E will make reasonable efforts to notify customers, however it is the customer's responsibility to receive such notice and to check the PG&E website to see if a PDP event has been activated. It is also the customer's responsibility to maintain accurate notification contact information. PG&E does not guarantee the reliability of the phone, e-mail system, or Internet site by which the customer receives notification.

PG&E may conduct notification test events once a month to ensure a customer's contact information is up-to-date. These are not actual PDP events and no load reduction is required.

e. **PG&E website**. This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's "Your Account" website may be different from the actual bill.

f. **Program Operations**: A maximum of fifteen (15) PDP events and a minimum of nine (9) PDP events may be called in any calendar year. PG&E will notify customers by 4:00 p.m. on a day-ahead basis when a PDP event will occur the next day. The PDP program will operate year-round and PDP events may be called for any day of the week.

PG&E may conduct outreach/notification by any available channel (direct mail, phone call, email and/or text) for PDP customers.

(Continued)

16. PEAK DAY PRICING (Cont'd.):

g. **Event Cancellation or Reduction**: PG&E may initiate the cancellation of a PDP event before 5:00 p.m. the day-ahead of a noticed PDP event. If PG&E cancels an event, it will count the cancelled event toward the PDP limits. PG&E may also cancel PDP events by 5:00 p.m. on a day-ahead basis or on the Event Day itself in response to an emergency situation, such as a proclamation of a state of emergency and/or disaster by a local, state and/or federal government. (T)

h. **Program Options**: Customers on Schedules AG-A1, AG-A2 or AG-B may customize their PDP participation by choosing either a) no limit on the number of consecutive PDP events or b) every other PDP event. Customers electing every other PDP event will be divided into two groups and only be subject to a maximum of one-half of the PDP events called and the corresponding PDP rate credits will be reduced by 50%. Customers that do not elect an option will be defaulted to the no limit on the number of consecutive PDP events. The duration of PDP Event Operations for both options will be from p.m.4:00 p.m. to 9:00 p.m. (five-hour window).

i. **Event Trigger**: PG&E will trigger a PDP event when the day-ahead temperature forecast trigger is reached. The trigger will be the average of the day-ahead maximum temperature forecasts for San Jose, Concord, Red Bluff, Sacramento and Fresno.

Beginning June 1 of each summer season, the PDP events on non-holiday weekdays will be triggered at 98 degrees Fahrenheit (°F), and will be triggered at 105°F on holidays and weekends. If needed, PG&E will adjust the non-holiday weekday trigger up or down over the course of the summer to achieve the range of 9 to 15 PDP events in any calendar year. Such adjustments would be made no more than twice per month and would be posted on PG&E's PDP Website.

PDP events may also be initiated as warranted on a day-ahead basis by 1) extreme system conditions such as special alerts issued by the California Independent System Operator, 2) under conditions of high forecasted California spot market power prices, 3) to meet annual PDP event limits for a calendar year, or 4) for testing/evaluation purposes.

j. **Program Terms**: A customer may opt-out anytime during its initial 12 months on a PDP rate. After the initial 12 months, customer's participation will be in accordance with Electric Rule 12.

Customers may opt-out of a PDP rate at anytime to enroll in another demand response program beginning May 1, 2011.

k. **Interaction with Other PG&E Demand Response Programs**: Pursuant to D.18-11-029, customers on a PDP rate may no longer participate in another demand response program offered by PG&E or a third-party demand response provider as of October 26, 2018. If dual enrolled in BIP and PDP prior to October 26, 2018 then participation will be capped at the customer's subscribed megawatt level as of December 10, 2018. New dual enrollment in BIP and PDP as of October 26, 2018 is no longer available. If a NEM customer is on PDP, the customer cannot participate in a third-party Demand Response program unless it ceases to be a PDP customer. If a third-party signs a NEM customer up under Rule 24 at the CAISO, the customer is automatically removed from PDP.

ELECTRIC SCHEDULE AG-F Sheet 5
FLEXIBLE OFF-PEAK TIME-OF-USE AGRICULTURAL POWER

3. RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer Charge Rates	**Rate A**	**Rate B**	**Rate C**	(T)
Customer Charge ($ per meter per day)	$0.68895	$0.91565	$1.43343	
Total Demand Rates ($ per kW)				
Secondary Voltage				
Maximum Peak Demand Summer	—	—	$22.36	
Maximum Demand Summer	$7.15	$7.07	$12.69	
Maximum Demand Winter	$7.15	$7.07	$12.69	
Primary Voltage				
Maximum Peak Demand Summer	—	—	$22.36	
Maximum Demand Summer	—	$6.11	$11.36	
Maximum Demand Winter	—	$6.11	$11.36	
Transmission Voltage				
Maximum Peak Demand Summer	—	—	$22.36	
Maximum Demand Summer	—	$2.37	$3.28	
Maximum Demand Winter	—	$2.37	$3.28	
Total Energy Rates ($ per kWh)				
Peak Summer	$0.49517	$0.46696	$0.23994	
Off-Peak Summer	$0.29156	$0.27613	$0.19521	
Peak Winter	$0.32607	$0.30402	$0.20891	
Off-Peak Winter	$0.24565	$0.23569	$0.18096	

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(Continued)

ELECTRIC SCHEDULE AG-F Sheet 6
FLEXIBLE OFF-PEAK TIME-OF-USE AGRICULTURAL POWER

3. RATES: (Cont'd.) Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component. (T)

Demand Charge by Component ($/kW)	Rate A	Rate B	Rate C
Generation:			
Maximum Peak Demand Summer	—	—	$15.38
Distribution**:			
Secondary Voltage			
Maximum Peak Demand Summer	—	—	$6.98
Maximum Demand Summer	$7.15	$7.07	$12.69
Maximum Demand Winter	$7.15	$7.07	$12.69
Primary Voltage			
Maximum Peak Demand Summer	—	—	$6.98
Maximum Demand Summer	—	$6.11	$11.36
Maximum Demand Winter	—	$6.11	$11.36
Transmission Voltage			
Maximum Peak Demand Summer	—	—	$6.98
Maximum Demand Summer	—	$2.37	$3.28
Maximum Demand Winter	—	$2.37	$3.28

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

ELECTRIC SCHEDULE B-10 Sheet 3
MEDIUM GENERAL DEMAND-METERED SERVICE

RATE:

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage	
Total Customer Charge Rates				(T)
Customer Charge ($ per meter per day)	$5.91042	$5.91042	$5.91042	
Total Demand Rates ($ per kW)				
Summer	$16.96	$16.73	$13.13	
Winter	$16.96	$16.73	$13.13	
Total Energy Rates ($ per kWh)				
Peak Summer	$0.31297	$0.29542	$0.22689	
Part-Peak Summer	$0.25128	$0.23712	$0.17015	
Off-Peak Summer	$0.21871	$0.20628	$0.14008	
Peak Winter	$0.23670	$0.22256	$0.17384	
Off-Peak Winter	$0.20122	$0.18893	$0.14100	
Super Off-Peak Winter	$0.16488	$0.15259	$0.10466	
PDP Rates (Consecutive Day and Five-Hour Event Option				
PDP Charges ($ per kWh)				
All Usage During PDP Event	$0.90	$0.90	$0.90	
PDP Credits				
Energy ($ per kWh)				
Peak Summer	($0.07825)	($0.07825)	($0.07825)	
Part-Peak Summer	($0.02710)	($0.02710)	($0.02710)	

* See PDP Details, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)

ELECTRIC SCHEDULE B-10 Sheet 4
MEDIUM GENERAL DEMAND-METERED SERVICE

RATES:

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component. (T)

	Secondary Voltage	Primary Voltage	Transmission Voltage
Demand Rate by Components ($ per kW)			
Generation:			
Summer	-	-	-
Winter	-	-	-
Distribution:**			
Summer	$5.90	$5.67	$2.07
Winter	$5.90	$5.67	$2.07
Transmission Maximum Demand*	$11.03	$11.03	$11.03
Reliability Services Maximum Demand*	$0.03	$0.03	$0.03
Energy Rate by Components ($ per kWh)			
Generation:			
Peak Summer	$0.23643	$0.21901	$0.19480
Part-Peak Summer	$0.17474	$0.16071	$0.13806
Off-Peak Summer	$0.14217	$0.12987	$0.10799
Peak Winter	$0.17838	$0.16437	$0.14175
Off-Peak Winter	$0.14290	$0.13074	$0.10891
Super Off-Peak Winter	$0.10656	$0.09440	$0.07257
Distribution:**			
Summer	$0.05355	$0.05380	$0.01011
Winter	$0.03533	$0.03558	$0.01011
Transmission Rate Adjustments* (all usage)	$0.00167	$0.00167	$0.00167
Public Purpose Programs (all usage)	$0.01785	$0.01758	$0.01724
Competition Transition Charge (all usage)	$0.00024	$0.00024	$0.00024
Energy Cost Recovery Amount (all usage)	($0.00429)	($0.00429)	($0.00429)
Nuclear Decommissioning (all usage)	($0.00013)	($0.00013)	($0.00013)
Wildfire Fund Charge (all usage)	$0.00459	$0.00459	$0.00459
New System Generation Charge (all usage)**	$0.00186	$0.00186	$0.00186
California Climate Credit (all usage)***	$0.00000	$0.00000	$0.00000
Wildfire Hardening Charge (all usage)	$0.00120	$0.00109	$0.00080

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.
*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

ELECTRIC SCHEDULE B-19

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

3. RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

BUNDLED TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage	
Total Customer Charge Rates				
Customer Charge Mandatory B-19 ($ per meter per day)	$29.69217	$45.18407	$50.81693	
Customer Charge Voluntary B-19 ($ per meter per day)	$5.91042	$5.91042	$5.91042	(T)
Total Demand Rates ($ per kW**)**				
Maximum Peak Demand Summer	$31.45	$27.80	$12.72	
Maximum Part-Peak Demand Summer	$6.37	$5.69	$3.18	
Maximum Demand Summer	$25.59	$21.05	$14.45	
Maximum Peak Demand Winter	$2.24	$1.65	$1.22	
Maximum Demand Winter	$25.59	$21.05	$14.45	
Total Energy Rates ($ per kWh)				
Peak Summer	$0.19746	$0.17695	$0.16434	
Part-Peak Summer	$0.15983	$0.14831	$0.15230	
Off-Peak Summer	$0.13323	$0.12341	$0.12666	
Peak Winter	$0.17356	$0.16142	$0.16595	
Off-Peak Winter	$0.13312	$0.12358	$0.12700	
Super Off-Peak Winter	$0.07886	$0.06972	$0.06970	
Power Factor Adjustment Rate ($/kWh/%)	$0.00005	$0.00005	$0.00005	
PDP Rates				
PDP Charges ($ per kWh)				
All Usage During PDP Event	$0.90	$0.90	$0.90	
PDP Credits				
Demand ($ per kW)				
Peak Summer	($6.78)	($5.31)	($4.14)	
Part-Peak Summer	($0.99)	($0.78)	($1.04)	
Energy ($ per kWh)				
Peak Summer	$0.00000	$0.00000	$0.00000	
Part-Peak Summer	$0.00000	$0.00000	$0.00000	

(Continued)

ELECTRIC SCHEDULE B-6 Sheet 3
SMALL GENERAL TIME-OF-USE SERVICE

RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer Charge Rates (T)

Customer Charge Single-phase ($ per meter per day)	$0.32854
Customer Charge Poly-phase ($ per meter per day)	$0.82136

Total Energy Rates ($ per kWh)

Peak Summer	$0.41465
Off-Peak Summer	$0.29671
Peak Winter	$0.30704
Off-Peak Winter	$0.28729
Super Off-Peak Winter	$0.27088

PDP Rates (Consecutive Day and Five-Hour Event Option)*

PDP Charges ($ per kWh)	
All Usage During PDP Event	$0.60
PDP Credits	
Energy ($ per kWh)	
Peak Summer	($0.06983)

** See PDP Details, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.*

(Continued)

ELECTRIC SCHEDULE E-20 Sheet 4
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

1. APPLICABILITY: (Cont'd.)

Option R for Solar: The Option R rate is available to qualifying customers taking Bundled, DA and CCA service under Schedule E-20. Eligible customers must have solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 18.

2. TERRITORY: Schedule E-20 applies everywhere PG&E provides electric service.

3. RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing

TOTAL RATES

Total Customer Charge Rates	Secondary Voltage	Primary Voltage	Transmission Voltage	(T)
Customer Charge Mandatory E-20 ($ per meter per day)	$53.72582	$53.45785	$36.57149	
Total Demand Rates ($ per kW)				
Maximum Peak Demand Summer	$17.06	$17.11	$15.02	
Maximum Part-Peak Demand Summer	$13.90	$14.56	$15.02	
Maximum Demand Summer	$28.61	$26.15	$13.55	
Maximum Part-Peak Demand Winter	$0.00	$0.00	$0.00	
Maximum Demand Winter	$28.61	$26.15	$13.55	
Total Energy Rates ($ per kWh)				
Peak Summer	$0.13402	$0.12932	$0.11401	
Part-Peak Summer	$0.13402	$0.12932	$0.11401	
Off-Peak Summer	$0.12810	$0.12356	$0.10834	
Part-Peak Winter	$0.12551	$0.12109	$0.10591	
Off-Peak Winter	$0.12480	$0.12042	$0.10525	
Power Factor Adjustment Rate ($/kWh/%)	$0.00005	$0.00005	$0.00005	

(Continued)

ELECTRIC SCHEDULE E-20 Sheet 5
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

3. RATES: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component. (T)

Demand Rates by Component ($ per kW)	Secondary Voltage	Primary Voltage	Transmission Voltage
Generation:			
Maximum Peak Demand Summer	$11.80	$12.61	$15.02
Maximum Part-Peak Demand Summer	$11.80	$12.61	$15.02
Maximum Demand Summer	$0.00	$0.00	$0.00
Maximum Part-Peak Demand Winter	$0.00	$0.00	$0.00
Maximum Demand Winter	$0.00	$0.00	$0.00
Distribution:**			
Maximum Peak Demand Summer	$5.26	$4.50	$0.00
Maximum Part-Peak Demand Summer	$2.10	$1.95	$0.00
Maximum Demand Summer	$15.73	$13.27	$0.67
Maximum Part-Peak Demand Winter	$0.00	$0.00	$0.00
Maximum Demand Winter	$15.73	$13.27	$0.67
Transmission Maximum Demand*	$12.85	$12.85	$12.85
Reliability Services Maximum Demand*	$0.03	$0.03	$0.03
Energy Rates by Component ($ per kWh)			
Generation:			
Peak Summer	$0.11260	$0.10889	$0.09529
Part-Peak Summer	$0.11260	$0.10889	$0.09529
Off-Peak Summer	$0.10668	$0.10313	$0.08962
Part-Peak Winter	$0.10409	$0.10066	$0.08719
Off-Peak Winter	$0.10338	$0.09999	$0.08653
Distribution:**			
Peak Summer	$0.00000	$0.00000	$0.00000
Part-Peak Summer	$0.00000	$0.00000	$0.00000
Off-Peak Summer	$0.00000	$0.00000	$0.00000
Part-Peak Winter	$0.00000	$0.00000	$0.00000
Off-Peak Winter	$0.00000	$0.00000	$0.00000
Transmission Rate Adjustments* (all usage**)**	$0.00167	$0.00167	$0.00167
Public Purpose Programs (all usage)	$0.01689	$0.01600	$0.01459
Nuclear Decommissioning (all usage)	($0.00013)	($0.00013)	($0.00013)
Competition Transition Charge (all usage)	$0.00021	$0.00020	$0.00019
Energy Cost Recovery Amount (all usage)	($0.00429)	($0.00429)	($0.00429)
Wildfire Fund Charge (all usage)	$0.00459	$0.00459	$0.00459
New System Generation Charge (all usage)**	$0.00155	$0.00155	$0.00155
Wildfire Hardening Charge (all usage)	$0.00093	$0.00084	$0.00055

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

ELECTRIC SCHEDULE E-20 Sheet 6
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

3. RATES: (Cont'd.)

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing

TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 16)

Total Customer Charge Rates	Secondary Voltage	Primary Voltage	Transmission Voltage	(T)
Customer Charge Mandatory E-20 ($ per meter per day)	$53.72582	$53.45785	$36.57149	
Total Demand Rates ($ per kW)				
Maximum Peak Demand Summer	$1.31	$1.13	$0.00	
Maximum Part-Peak Demand Summer	$0.53	$0.49	$0.00	
Maximum Demand Summer	$28.61	$26.15	$13.55	
Maximum Part-Peak Demand Winter	$0.00	$0.00	$0.00	
Maximum Demand Winter	$28.61	$26.15	$13.55	
Total Energy Rates ($ per kWh)				
Peak Summer	$0.22914	$0.22512	$0.18332	
Part-Peak Summer	$0.19698	$0.19305	$0.16588	
Off-Peak Summer	$0.14986	$0.14612	$0.13846	
Part-Peak Winter	$0.14727	$0.14365	$0.13603	
Off-Peak Winter	$0.14656	$0.14298	$0.13537	
Power Factor Adjustment Rate ($/kWh/%)	$0.00005	$0.00005	$0.00005	

(Continued)

ELECTRIC SCHEDULE E-20 Sheet 7
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

3. Rates: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 16)

Customer Charge Rates: Customer charge rates provided in the Total Rates section above are assigned entirely to the unbundled distribution component. (T)

Demand Rates by Components ($ per kW)	Secondary Voltage	Primary Voltage	Transmission Voltage
Generation:			
Maximum Peak Demand Summer	$0.00	$0.00	$0.00
Maximum Part-Peak Demand Summer	$0.00	$0.00	$0.00
Maximum Demand Summer	$0.00	$0.00	$0.00
Maximum Part-Peak Demand Winter	$0.00	$0.00	$0.00
Maximum Demand Winter	$0.00	$0.00	$0.00
Distribution:**			
Maximum Peak Demand Summer	$1.31	$1.13	$0.00
Maximum Part-Peak Demand Summer	$0.53	$0.49	$0.00
Maximum Demand Summer	$15.73	$13.27	$0.67
Maximum Part-Peak Demand Winter	$0.00	$0.00	$0.00
Maximum Demand Winter	$15.73	$13.27	$0.67
Transmission Maximum Demand*	$12.85	$12.85	$12.85
Reliability Services Maximum Demand*	$0.03	$0.03	$0.03

Energy Rates by Component ($ per kWh)	Secondary Voltage	Primary Voltage	Transmission Voltage
Generation:			
Peak Summer	$0.17045	$0.17090	$0.16460
Part-Peak Summer	$0.15548	$0.15343	$0.14716
Off-Peak Summer	$0.12844	$0.12569	$0.11974
Part-Peak Winter	$0.12585	$0.12322	$0.11731
Off-Peak Winter	$0.12514	$0.12255	$0.11665
Distribution:**			
Peak Summer	$0.03727	$0.03379	$0.00000
Part-Peak Summer	$0.02008	$0.01919	$0.00000
Off-Peak Summer	$0.00000	$0.00000	$0.00000
Part-Peak Winter	$0.00000	$0.00000	$0.00000
Off-Peak Winter	$0.00000	$0.00000	$0.00000
Transmission Rate Adjustments* (all usage)	$0.00167	$0.00167	$0.00167
Public Purpose Programs (all usage)	$0.01689	$0.01600	$0.01459
Nuclear Decommissioning (all usage)	($0.00013)	($0.00013)	($0.00013)
Competition Transition Charge (all usage)	$0.00021	$0.00020	$0.00019
Energy Cost Recovery Amount (all usage)	($0.00429)	($0.00429)	($0.00429)
Wildfire Fund Charge (all usage)	$0.00459	$0.00459	$0.00459
New System Generation Charge (all usage)**	$0.00155	$0.00155	$0.00155
Wildfire Hardening Charge (all usage)	$0.00093	$0.00084	$0.00055

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

SPECIAL CONDITIONS: (Cont'd.)

7. COMMON-AREA ACCOUNTS: Common-area accounts that are separately metered by PG&E have a one-time option of switching to an applicable general service rate schedule by notifying PG&E in writing. Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1.

   Accounts that switch to a general service tariff will have one, and possibly two, opportunities to return to a residential rate schedule. Please see Common-Area Accounts Section of General Service Schedules A-1, A-6, A-10, and E-19 for more details.

8. BILLING: A customer's bill is calculated based on the option applicable to the customer.

   Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and conditions set forth in this schedule. Total generation charges for bundled customers include charges for the latest vintage Power Charge Indifference Adjustment shown in the Direct Access and Community Choice Aggregation section below. (T)
   |
   |
   (T)

   Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, conservation incentive adjustment, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

   Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, conservation incentive adjustment, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS, including exemptions for Medical Baseline and continuous DA service, are set forth in Schedules DA CRS and CCA CRS.

(Continued)

ELECTRIC SCHEDULE E-TOU-C Sheet 6

RESIDENTIAL TIME-OF-USE (PEAK PRICING 4 - 9 p.m. EVERY DAY)

SPECIAL CONDITIONS: (Cont'd.)

8. BILLING: A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and conditions set forth in this schedule. Total generation charges for bundled customers include charges for the latest vintage Power Charge Indifference Adjustment shown in the Direct Access and Community Choice Aggregation section below. (T) | (T)

Qualifying customers will be provided with bill protection for 12 months from the date they enroll onto the rate and up to the date they un-enroll from the rate or become ineligible, whichever occurs first. Bill protection shall be calculated based on comparing this rate to the standard tiered non-TOU rate. The following customers are not eligible for bill protection: customers on Schedule NEM2, NEM2V, or NEM2VMSH, also known as the NEM 2.0 tariff riders, who start or transfer service on or after October 1, 2020, and customers who opt-in to E-TOU-C from another Time-of-Use rate plan. PG&E will continue to offer bill protection to existing tiered customers that opt into the default TOU rate before and during the initial default TOU migration period.

The amount of bill protection is defined as the difference between what the customer paid on rate schedule E-TOU-C based on their usage and what they would have paid on the standard tiered non-TOU rate, schedule E-1. The rate from which the customer transferred to E-TOU-C is not taken into account for this calculation. Bill protection benefits will be computed on a cumulative basis at the end of 12 months or when the customer un-enrolls from the rate schedule (whichever occurs first), and any applicable credits will be applied to the customer's account on the next regular bill. Bill protection is applicable to a customer only once at a particular premise, even if the customer stays on the rate for less than 12 months. After the customer has completed 12 months on this rate schedule, bill protection will no longer apply.

Customers will receive a bill protection credit automatically, if applicable, under any of the circumstances below:

(a) Customer stops or transfers service.

(b) Customer moves from PG&E bundled service to Community Choice Aggregator (CCA) service. If the customer continues on the CCA version of this tariff, they will receive an additional 12 months of bill protection on the non-generation portion of their bill provided the transition happens before the end of the auto-transition period.

(c) Customer transitions to Net Energy Metering Successor Tariff.

(d) Customer opts out of Smart Meter™.

(Continued)

SPECIAL CONDITIONS: (Cont'd.)

3. INTERCONNECTION: Prior to receiving approval for Parallel Operation, the customer-generator must submit a completed PG&E application form and interconnection agreement as follows:

Rate Option	Application	Interconnection Agreement	
NEM2S	For Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less:		
	Application - Net Energy Metering (NEM2) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less (Form **79-1151B-02**)[4]	*Agreement and Customer Authorization – Net Energy Metering (NEM2) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less* (Form **79-1151A-02**)[4]	
NEM2EXP NEM2EXPM	For Solar and/or Wind Net Energy Metering (NEM2) Generating Facilities of 1,000 Kilowatts or Less, other than Facilities of 30 Kilowatts or Less:		
	Generating Facility Interconnection Application, (Form **79-1174-02**)	*Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities of 1,000 Kilowatts or Less, other than Facilities of 30 Kilowatts or Less* (Form **79-1198-02**)	(T)
	For Net Energy Metering (NEM2) non-Solar and/or Wind Generating Facilities of any size, and Solar and/or Wind Generating Facilities greater than 1,000 kW:		
	Generating Facility Interconnection Application, (Form **79-1174-02**)	*Interconnection Agreement For Net Energy Metering (NEM2) non-Solar and/or Wind Generating Facilities of any size, and Solar and/or Wind Generating Facilities greater than 1,000 kW* (Form **79-1198-02**)	(T) (T)

[4] Both the Agreement and Customer Authorization (79-1151A-02) and Application (79-1151B-02) forms must have been submitted before PG&E will issue the Permission to Operation (PTO) letter. Information in the Application can be submitted by the Company or Customer in an electronic format, subject to approval by PG&E.

(Continued)

SPECIAL CONDITIONS: (Cont'd.)

3. INTERCONNECTION: (Cont'd.)

Rate Option	Application	Interconnection Agreement	
NEMPS	For NEMPS (Special Condition 9) for projects that meet NEM integrity requirements		
	Generating Facility Interconnection Application, (Form **79 1174-02**)	**79-1193-02**- *AGREEMENT AND CUSTOMER AUTHORIZATION Net Energy Metering (NEM2) Interconnection For Solar And/Or Wind Electric Generating Facilities Of 30 Kilowatts Or Less with Energy Storage of 10 Kilowatts Or Less or Energy Storage with Power Control System Certification*	
NEM2, NEM2EXP, NEM2A ,or NEM2MT > 1,000 kW	*Generating Facility Interconnection Application* (Form **79-1174-02**)	*Rule 21 Generator Interconnection Agreement for New Energy Metering (NEM-2) Generating Facilities Greater than 1,000 Kilowatts Interconnecting Under the Fast Track Process* (Form **79-1198-02**)	(T)
		Rule 21 Generator Interconnection Agreement (GIA) for Net Energy Metering (NEM2) Generating Facilities Greater than 1,000 Kilowatts Interconnecting Under the Independent Study, Distribution Study, or Transmission Cluster Process (Form **79-1198-02**)	(T)
NEM2MT	For customer-generators ≤ 1 MW taking service as a Multiple Tariff Facility under Special Condition 4 of this tariff:		
	Generating Facility Interconnection Application (Form **79-1174-02**)	*Generating Facility Interconnection Agreement (NEM2MT - Multiple Tariff)* (Form **79-1069-02**)	
NEM2A	NEM2 Load Aggregation ≤ 1 MW Along with the applicable interconnection form above, also submit: *NEM2 Load Aggregation Appendix* (Form **79-1202**)		
NEM2CDCR	See Special Condition 7		

(Continued)

SPECIAL CONDITIONS: (Cont'd.)

6. LOAD AGGREGATION – NEM2A: (Cont'd.)

c. Billing Service Charges – An eligible customer-generator electing Load Aggregation shall remit service charges for the cost of providing billing services as follows. These charges shall include:

1) One-Time Setup Charge of $25.00 per Aggregated Account and for the Generating Account, as defined in this Special Condition, and cumulatively, shall be limited to no more than $500 per Load Aggregation Arrangement. Any change to the number of accounts included in a NEM2A arrangement is subject to this one-time fee. This Setup Charge shall be assessed without regard to the $500 limit for accounts added after the PTO date.

Plus,

2) Monthly Charge of $5 Per Aggregated Account and for the Generating Account as defined in this Special Condition.

7. CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION (CDCR)

"Eligible customer-generator" includes the Department of Corrections and Rehabilitation using a renewable electrical generation technology, or a combination of renewable electrical generation technologies, with a total capacity of not more than eight megawatts, that is located on the department's owned, leased, or rented premises, and is interconnected and operates in parallel with the electrical grid, and is intended primarily to offset part or all of the facility's own electrical requirements.

The amount of any wind generation exported to the electrical grid shall not exceed 1.35 megawatt at any time. CDCR Eligible Customer Generators are subject to Network and/or Distribution upgrade costs in accordance with Rule 21 Section D.13.e.

CDCR shall use Interconnection Application Form 79-1174-02 to apply under this Special Condition. In addition to submitting the application form, CDCR will notify PG&E at Rule21gen@pge.com of the Generating Facility's size, and if applicable, any allocation between NEM2 and non-NEM2 generation. (T)

(Continued)

ELECTRIC RATE SCHEDULE RES-BCT Sheet 11
SCHEDULE FOR LOCAL GOVERNMENT
RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER

SPECIAL CONDITIONS (Cont'd):

2. BILLING (Continued)

h) The True-up (continued):

If any additional Bill Credit pursuant to Special Condition 2 (c) and (d) and the previous paragraph still remains, PG&E will review the true-up bills for the Generating Account and Benefiting Accounts to determine if any charges for the generation component of the energy charge, as described in Section 2(e), remain to be credited. If yes, PG&E will apply the remaining Bill Credit to the Designated Benefiting Account (as indicated on Appendix A of Form 79-1112) equal to the lesser of: (a) these remaining charges or (b) the remaining Bill Credit. Because the Generating Account must be trued up first, it cannot be the Designated Benefiting Account unless PG&E is able to arrange for all of the Arrangement's meters to be read on the same date.

3. INTERCONNECTION

Prior to receiving approval for Parallel Operation, the Eligible RES-BCT Customer must submit a completed PG&E RES-BCT Application and interconnection documents as follows:

Rate Option	Application	Interconnection Agreement	
RES-BCT	Online Rule 21 Generator Interconnection Application (79-1174-02) – replaces application in 79-1112		(T)
			(D) | | | | | | | (D)
	Generating Facility Interconnection Agreement (Form 79-1191)		(T)
	Other related interconnection documents as required by Rule 21		
RES-BCTB	*No forms required*		

All costs associated with interconnection of an Eligible Renewable Generating Facility at the Generating Account are the responsibility of the Eligible RES-BCT Customer. For purposes of this paragraph, "interconnection" has the same meaning as defined in Public Utilities Code Section 2803, except that it applies to the interconnection of an eligible renewable generating facility rather than the energy source of a private energy producer. Costs will be as described in PG&E's Electric Rule 21.

ELECTRIC EMERGENCY PLAN ROTATING BLOCK OUTAGES FOR TRANSMISSION LEVEL CUTOMERS (T)

For the purposes of this Section only, transmission level customers are those customers that are served from a "single customer substation" as defined in PG&E's Electric Rule 1 or without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

Transmission level customers, except for those customers meeting the CPUC's criteria for essential use or those otherwise exempt from rotating outages in accordance with CPUC Decisions, will be incorporated into PG&E's rotating outage block plan and subjected to load interruptions when rotating block outages are ordered by the ISO. PG&E will, to the extent practical, follow the applicable principles and procedures specified in PG&E's Electric Rule 14, by the CPUC, and by the ISO. To the extent feasible, PG&E will coordinate rotating outages applicable to customers who are fossil fuel producers, pipeline operators and users to minimize disruption to public health and safety. PG&E shall not include a transmission level customer in an applicable rotating outage block if the customer's inclusion would jeopardize system integrity. Transmission level customers who are not exempt from rotating outages may submit an Optional Binding Mandatory Curtailment (OBMC) Plan to PG&E in accordance with PG&E's Electric Schedule OBMC. If PG&E approves a customer's OBMC Plan, the customer will become exempt from rotating outages and will be subject to the terms and conditions of PG&E's Electric Schedule OBMC and its associated agreement.

Non-exempt transmission level customers shall be required to undergo rotating outages applicable to the customer's assigned rotating outage block by either (1) implementing the load reduction on their own initiative, in accordance with subsection a, below; or (2) having PG&E implement the load reduction through PG&E-owned remote-controlled equipment in accordance with subsection b, below. A transmission level customer shall normally be subject to the provisions of subsection a. If PG&E approves a transmission level customer's request to have PG&E implement the customer's load reduction, then the customer will be subject to the provisions of subsection b, below. If a transmission level customer subject to subsection a, below, exceeds the threshold specified in subsection c below, then the customer will be subject to the provisions of subsection c.(i) or (ii), below.

(Continued)

(D)
|
|
(D)

E. HEATING AND AIR CONDITIONING

Special heating and/or air-conditioning needs will qualify you for a Standard Medical Baseline Quantity under this rule only if your main source of energy for heating or air conditioning is electricity delivered by PG&E. (If your main source of energy for heating or air conditioning is gas, please see Rule 19 in the gas tariff schedule.)

F. ADDITIONAL MEDICAL BASELINE QUANTITIES

If you believe that more than the Standard Medical Baseline Quantity of 16.438 kWh per day is needed to operate the life-support device(s) in your home or maintain the temperature required by the qualifying medical condition, you may apply for additional medical quantities. Please contact PG&E at 1-800-743-5000 for assistance.

If PG&E finds that you need more than the standard 16.438 kWh per day, it will increase your daily Medical Baseline Quantity. In determining how many Additional Quantities you will be assigned, PG&E will round its calculation of your total daily kWh medical needs up to the nearest increment of 16.438 kWh.

G. MEDICAL BASELINE QUANTITIES FOR MASTER-METERED CUSTOMERS

Residential tenants of master-metered customers can also qualify for Medical Baseline Quantities. If one or more of your tenants have a medical condition that qualifies under the conditions listed above, please visit pge.com/medicalbaseline or contact your local PG&E office to find out how to apply.

If you submeter your tenants, any Medical Baseline Quantities must be passed on to the qualifying tenant(s) when you bill tenants for the electricity they use.

C. DEFINITIONS (Cont'd.) (D)

(D)

Party, Parties: Applicant or Distribution Provider.

Periodic Test: A test performed on part or all of a Generating Facility/Interconnection Facilities at pre-determined time or operational intervals to achieve one or more of the following: 1) verify specific aspects of its performance; 2) calibrate instrumentation; and 3) verify and re-establish instrument or Protective Function set-points.

Permissive Operation: The Smart Inverter is allowed, but not required, to operate at any current level.

Point of Common Coupling (PCC): The transfer point for electricity between the electrical conductors of Distribution Provider and the electrical conductors of Producer.

Point of Interconnection: The point where the Interconnection Facilities connect with Distribution Provider's Distribution or Transmission System. This may or may not be coincident with the Point of Common Coupling.

Pre-Construction Activities: The actions by Distribution Provider, other than those required by an Engineering and Procurement Agreement under Section F.3.f, undertaken prior to Construction Activities in order to prepare for the construction of Distribution Provider's Interconnection Facilities, Distribution Upgrades, or Network Upgrades assigned to the Interconnection Customer, including, but not limited to, preliminary engineering, permitting activities, environmental analysis, or other activities specifically needed to obtain governmental approvals for Distribution Provider's Interconnection Facilities, Distribution Upgrades, or Network Upgrades.

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SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.	

Rate Schedules
Commercial/Industrial

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SCHEDULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.	
	Rate Schedules **Other**		
BEV	Business Electric Vehicle	46493,52647,46495,52648,47484,46498,46657-E	
S	Standby Service	40243,46370,40245,52752,52753,52754,52142,52143,52144,52145, 52146,52147,52148,52149,52150,52755,52152,52153,52154,52155-E	
SB	Standby Service	45639,45640,52756,52757,52758,45644,45645,45646,45647, 45648,45649,45650,45651,52759,45653,45654,45655-E	
E-BioMAT	Bioenergy Market Adjusting Tariff	43634,43635,41023,43636,43637,43638*, 43639,37749,37750,37751,41026,37753, 37754,42211,37756,41027,41028,41029, 43640,41030,46100,37763,43641-E	
E-CHP	Combined Heat and Power PPA	30809,30810,30811,30812, 30813-E	
E-CHPS	Combined Heat and Power Simplified PPA	30814,30815,30816, 30817-E	
E-CHPSA	Combined Heat And Power Simplified 500 kW PPA	30825,30826,31679,31680,31681,31682-E	
E-DCG	DCG Departing Customer Generation, CG	52269,52270,37148, 50610,47515,36595,47516,23252*,23253,28405,23255-E	
E-DEPART	Departing Customers	28859-E	
E-DRP	Demand Response Provider Services	35430,43626-E	
E-ECR	Enhanced Community Renewables (ECR) Program	45680,35739,52691, 52692,52693,46522,46523,46524-E	
E-GT	Green Tariff (GT) Program	45682,52697,52698,52699,46532,46533-E	
E-NMDL	New Municipal Departing Load	47526,32097,32098,52271,52272,52273,52274, 52275,52276,52277,52278,52279,52280-E	
E-NWDL	New WAPA Departing Load	47528,52281,52282,52283, 27448,27449,27450,27451,27452-E	
E-LORMS	Limited Optional Remote Metering Services	20194-E	
E-SDL	Split-Wheeling Departing Load	28588,52284,28867,52285,27459, 27460,27461,27462,27463, 27464-E	
E-STORE	Station Service For Storage Devices	40238,40239,40240,40241,40242-E	
E-TMDL	Transferred Municipal Departing Load	47533,52286,52287, 47535,28961,30659,28608,25887,25888,25889,25890,25891-E	
NEM	Net Energy Metering Service	37636,36352,50612,35636, 44459,37638,37639,37640,36562,36563,36564,47171,33909*,33910*, 37641,33912*,33913*,35643,47172,35276,48531,36599,35489,35645,35646, 43186*,45716,45717,45718,45719,45720,47173,45722,45723-E	
NEM2	Net Energy Metering Service	50613,47174,50674,50675,46378,42931,42932,42933, 48532,42935,42936,42937,**52979**,**52980**,48533,37810,42939,38161, 38162,42940,47176,37816,42941,38165,**52981**,50614,50615,47178,45729, 45730,45731,45732,48534,45734,45735,45736,45737,45738,45739,47180-E	(T) (T)
NEMFC	Net Energy Metering Service For Fuel Cell Customer-Generators	37770,38187,37772,37773, 37774,37775,32446,32447,37824,38231-E	
NEMBIO	Net Energy Metering Service for Biogas Customer-Generators	30791,27254,27255, 26140,27256,26142,27257,26144,37823-E	
NEMCCSF	Net Energy Metering Service for City and County of San Francisco	28176,28177, 28178,28179-E	
NEMV	Virtual Net Metering for a Multi-Tenant or Multi-Meter Property Served at the Same Service Delivery Point	42055,42056,47184,31549,32806, 31551,33921,31553,42058,42059,31556,31557,31558,36565,31560, 42060,36566,32807,42061,31565,42062,33216,42063,44523-E	

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ELECTRIC TABLE OF CONTENTS Sheet 20

RULE	TITLE OF SHEET	CAL P.U.C. SHEET NO.

Rules (Cont'd)

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TITLE OF SHEET	CAL P.U.C. SHEET NO.

Rules (Cont'd)

Maps, Contracts and Deviations

SERVICE AREA MAPS

LIST OF CONTRACTS AND DEVIATIONS

(Continued)

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FORM	TITLE OF SHEET	CAL P.U.C. SHEET NO.	
	Sample Forms **Rule 21 Generating Facility Interconnections (Cont'd)**		
79-1174-02	Rule 21 Generator Interconnection Application	49266-E	
79-1174-02A	Rule 21 Generator Interconnection Application – Attachment A	49769-E	
79-1174-02B	Rule 21 Generator Interconnection Application – Attachment B	49268-E	
79-1174-02C	Rule 21 Generator Interconnection Application – Attachment C	49269-E	
79-1174-02D	Rule 21 Generator Interconnection Application – Attachment D	**52946**-E	(T)
79-1174-02E	Rule 21 Generator Interconnection Application – Attachment E	**52947**-E	|
79-1174-02F	Rule 21 Generator Interconnection Application – Attachment F	**52948**-E	|
79-1174-02G	Rule 21 Generator Interconnection Application – Attachment G	**52949**-E	|
79-1174-02H	Rule 21 Generator Interconnection Application – Attachment H	**52950**-E	(T)
79-1174-02I	Rule 21 Generator Interconnection Application – Attachment I	49275-E	
79-1174-02J	Rule 21 Generator Interconnection Application – Attachment J	49276-E	
79-1174-02K	Rule 21 Generator Interconnection Application – Attachment K	49277-E	
79-1174-02L	Rule 21 Generator Interconnection Application – Attachment L	49278-E	
79-1174-02M	Rule 21 Generator Interconnection Application – Attachment M	49279-E	
79-1174-02N	Rule 21 Generator Interconnection Application – Attachment N	49280-E	
79-1175	Rule 21 Consent to Assignment Form for Non-NEM Projects	48657-E	
79-1181	Rule 21 Pre-Application Report Request	48663-E	
79-1191	Generating Facility Interconnection Agreement For Local Government Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT)	49295-E	
79-1197	Local Government Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT) Re-Allocation Request	48676-E	
79-1198-02	Interconnection Agreement for Net Energy Metering (NEM2) and Renewable Electrical Generating Facility Sized Greater than 1,000 kW	50574-E	
79-1199	Agreement and Customer Authorization Non-Export Standalone Energy Storage of 30 Kilowatts or Less	48678-E	
79-1200	Rule 21 Generator Interconnection Agreement for Exporting Generating Facilities	48679-E	
79-1204	Pilot Pedestal Program Application	48680-E	
79-1211	Generating Facility Material Modification Notification Worksheet	50316-E	
79-1212	Rule 21 Non-Export Generator Interconnection Notification	51182-E	
79-1213	Agreement and Customer Authorization Non-Export Generating Facility Sized 30 Kilowatts or Less	51183-E	
79-1214	Notification-Only Pilot Program Developer Eligibility Application	51184-E	

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FORM	TITLE OF SHEET	CAL P.U.C. SHEET NO.	

Sample Forms
Net Energy Metering

Sample Forms
Street, Highway, and Area Lighting

(Continued)

Attachment 2

Redline Tariff Revisions

Where Sample Forms have been revised, the entire Sample Form is included in Attachment 1 (clean version), but the redline version in Attachment 2 of the Advice Letter Package only includes the pages where the modification has occured, and excludes pages of the form where only the advice letter number and date has been updated within the footer of the page.

GAS RULE NO. 23 Sheet 6
GAS AGGREGATION SERVICE FOR CORE TRANSPORT CUSTOMERS

C. CUSTOMER PROTECTION (Cont'd)

2. VERIFICATION OF ENROLLMENT (Cont'd)

h. A core transport agent shall keep a record of the confirmation of a change pursuant to Sections C.2.c, C.2.d, C.2.e, or C.2.f for three (3) years from the date of that confirmation, and shall make those records available, upon request, to the customer and to the CPUC in the course of a CPUC investigation of a customer complaint or an investigation pursuant to Public Utilities Code Section 983(c).

i. Public agencies are exempt from this rule adopted pursuant to Public Utilities Code Section 985(c) to the extent they are serving customers within their jurisdiction.

j. Notwithstanding Sections C.2.e and C.2.f above, the CPUC may require third-party verification for all residential changes to CTAs if it finds that the application of Sections C.2.e and C.2.f results in the unauthorized changing of a customer's gas service provider.

k. PG&E is exempt from this rule for customers that default to the natural gas service of PG&E.

l. Consistent with Public Utilities Code Section 985(c), CTAs and PG&E may charge for a change in gas commodity service provider in the event of early termination of service, provided that any fee or penalty changed by the supplier associated with the early termination of service, shall be disclosed in the contract of the CTA or in the applicable tariff of PG&E.

3. Customer Complaints
Pursuant to Decision (D.) 14-08-043, D.18-02-002, and Public Utilities Code Section 983, the California Public Utilities Commission (CPUC) shall accept, compile and attempt to informally resolve consumer complaints regarding CTAs;
~~https://www.cpuc.ca.gov/consumer-support/file-a-complaint/utility-complaint.~~ (T)

CI. CUSTOMER SIGN-UP PROCESS

1. The CTA shall transmit notice of Customer Authorizations to PG&E for enrollment into the CTA's aggregation group or for switching a Customer from one CTA to another CTA using the electronic format acceptable to PG&E, a Direct Access Service Request (DASR).

(Continued)

F. ESTABLISHMENT OF CREDIT (Cont'd.)

4. REDUCING CREDITWORTHINESS REQUIREMENTS (Cont'd.)

b. CONSOLIDATED PG&E BILLING COLLATERAL

For a CTA that has reduced creditworthiness requirements by utilizing the full eighty (80) percent guarantee specified in F~~B~~.4.a. above, the CTA can further reduce CWR1 if they also utilize Consolidated PG&E Billing specified in G.1.c. below. (T)

If this is the case, then:

CWR1 = (Percent of Load not billed utilizing Consolidated PG&E Billing x 18 days x DCQ x Core WACOG x 150 percent). Note that this can reduce CWR1 to zero if all of the CTA's customers are utilizing PG&E Consolidated Billing. The CTA must adhere to all of the following conditions in order to have their Rule 23 creditworthiness requirement be calculated in this manner.

1) Continue to meet the eighty (80) percent condition above;

2) Have zero Schedule G-BAL negative CTA cashout charges within the last year (requires the CTA to have at least twelve months of history with PG&E); and

3) Execute Attachment L of the CTA Agreement including the provision that allows PG&E to withhold payments if the CTA does not meet all of these conditions.

If all conditions are not met, PG&E has the authority to stop paying the CTA for payments received from customers and/or immediately terminate the CTA Agreement. If PG&E has not terminated the CTA Agreement and the conditions that led to stopping payment to CTA have been satisfied, including payment of all Schedule G-ESP (Consolidated PG&E Billing Services to Core Transport Agents) consolidated billing charges and fees, PG&E will pay the CTA for all withheld payments.

(Continued)

LIST OF CONTRACTS AND DEVIATIONS
(Continued)

Name and Location of Customer / PG&E Installation Reference No.	Type or Class of Service	Execution and Expiration Dates	Commission Authorization Number and Date	Most Comparable Regular Tariff: Schedule or Rule No.	Most Comparable Regular Tariff: Contract Difference
CORPORATE CENTER					
Federal Agencies					
Dept. of Transportation Federal Aviation Admin.	Coml	3-12-79 5 Years*1	---	Rule 15	Cost of Ownership Charge
General Services Administration	Res/Coml/Ind	12-10-14 10 Years	G.O.96-B Section 8.2.3	---	Areawide Agreement
Dept. of Energy DOE Laboratories and Western Area Power Administration	Coml/Ind	3-17-99 10 Years	G.O.96-A,X.B.	---	Power Delivery Service
State Agencies					
State of California Dept. of Transportation	Street and traffic operations	4-24-00	G.O. 96-A,X.B	LS-3, TC-1	Applicability Deviation and Addendum
California High-Speed Rail Authority	Rail Operation	04-25-14	Ref. Advice Letter 3484-G/4443-E, 3484-G-A/4443-E-A, 3484-G-B/4443-E-B, ~~and~~ 3794-G/4986-E, 4154-G/5651-E, And 4215-G/5761-E	Rules 15 and 16	Facility Relocation and Disconnection Procedures
California High-Speed Rail Authority (HSR 10-10, HSR14-37 and HSR 16-56)	Rail Operation	Between 12-12-12 to 01-09-17	Ref. Advice Letter 5046-E And 6125-E	Rule 15 and 16	Special State Contract and Payment Process
U.S. Armed Forces	General Service	11-1-15	G.O. 96-B Section 8.2.3 Ref. Advice Letter 4717-E	Form 79-978	Deviations in Customer Generation Agreement for the U.S. Armed Forces to Implement SB 83 (2015)
California Department of Corrections and Rehabilitation	General Service	10-16-15	G.O. 96-B Section 8.2.3 Ref. Advice Letter 4724-E, 5545-E-A	Forms 79-978 and 79-992	Deviations in Customer Generation Agreements for the California Department of Corrections and Rehabilitation
Supplemental Power					
N62474-67-0101 U.S. Navy: Vallejo, Stockton, Dixon, Lemoore and Moffett Field	Supplemental	10-1-66 9-30-76	G.O.96-A,X.B. 11-28-67	---	Special Rate
DWR-855503 State of California Dept. of Water Resources State Water Project	Trans. & Exchange	11-18-66	G.O.96-A,X.B. 12-18-68	---	Special Rate Transmission, Exchange and Substation Service
Developers/Subdividers					
Various Developers, Lot-sale Subdivisions: 24 Cash Advances 35 Performance Bonds 53 Letters of Credit	Domestic Service	Various	Res. E-1316 3-21-72	Rule 15	Annual Charge for Excess Facilities

(Continued)

LIST OF CONTRACTS AND DEVIATIONS
(Continued)

*1 to *4 See last page of Electric Contracts and Deviations Section for explanation of footnotes.

(Continued)

Electric Sample Form No. 79-1069-02 Sheet 1

Generating Facility Interconnection Agreement (Multiple Tariff NEM2MT)

Please Refer to Attached
Sample Form

GENERATING FACILITY INTERCONNECTION AGREEMENT (MULTIPLE TARIFF NEM2MT)

This *Generating Facility Interconnection Agreement (Multiple Tariff NEM2MT)* (Agreement) is entered into by and between ______________________________ (Producer), and Pacific Gas and Electric Company (PG&E) a California Corporation. Producer and PG&E are sometimes also referred to in this Agreement jointly as "Parties" or individually as "Party." In consideration of the mutual promises and obligations stated in this Agreement and its attachments, the Parties agree as follows:

1. SCOPE AND PURPOSE

This Agreement provides for Producer to interconnect and operate a Generating Facility in parallel with PG&E's Electric System to serve the electrical loads at the location identified in Section 2.4 (or for the qualifying energy where permitted under Section 218 of the California Public Utilities Code (PUC). The Generating Facility must be a combination of generators, but must include at least one NEM2 "Eligible customer-generator." (as defined in PG&E's Schedule NEM2). "Eligible customer-generator" may also include other eligible customer-generators such as NEM2 Renewable Electrical Generation Facility(ies), Renewable Electrical Generation Facility(ies) (as defined in PG&E's Schedule NEM) or Eligible Fuel Cell Electrical Generating Facility(ies) (as defined in PG&E's Schedule NEMFC), as allowed under Special Condition 4 of Schedule NEM2.

1.1. This Agreement provides for Producer to operate the Eligible Generator(s) pursuant to the provisions of Section 2827.1 et seq. of the PU Code and the applicable PG&E tariffs for net energy metering. This Agreement also provides for Producer to operate its Non-Eligible Generator(s). This Agreement does not provide for retail electrical service by PG&E to Producer. Such arrangements must be made separately between PG&E and Producer.

1.2. This Agreement does not address Producer's account billing and payment for energy consumption. For the Generating Facility as specified in Section 2 of this Agreement, please refer to the applicable PG&E net-energy-metered (NEM and/or NEM2) tariff schedules for billing and payment protocol.

2. SUMMARY AND DESCRIPTION OF PRODUCER'S GENERATING FACILITY

2.1 A description of the Generating Facility, including a summary of its significant components and a single-line diagram showing the general arrangement of how Producer's Generating Facility and loads are interconnected with PG&E's Electric System, are attached to and made a part of this Agreement. (Supplied by Producer as Appendix A).

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

Electric Sample Form No. 79-1174-02D Sheet 1
Rule 21 Generator Interconnection Application - Attachment D

Please Refer to Attached
Sample Form

(Continued)

SOLAR (PV) TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
S - Basic Single Line Diagram (SLD) If the interconnection is eligible to use a Basic SLD, please include the requested information.	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ PV Breaker Size (Amps)	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ PV Breaker Size (Amps)	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ PV Breaker Size (Amps)	________ Panel Voltage (Volts) ________ Main Breaker (Amps) ________ PV Breaker Size (Amps)
T - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate the control device that will be used.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
U - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
V – Telemetry Will the Generating Facility Gross Nameplate Rating exceed 1 MW?	____Yes ____No			
If yes, please select a Telemetry Option.	_____Customer-owned Telemetry - Gateway _____Customer-owned Telemetry - Aggregator _____Mini RTU			
If one of the Customer-owned Telemetry options is selected, please identify the preferred Site Metering Arrangement.	______Customer-side net load metering ______Replace PG&E meter with a Mark V meter and terminal block ______Add terminal block to existing PG&E Mark V meter ______Replace meter socket with dual-socket meter cabinet for installation of customer-owned meter ______Install customer-owned meter in existing dual socket meter cabinet.			

Part II Solar Statistics Data Fields

Per Appendix A of CPUC D. 14-11-001, the following data fields must all be completed, in their entirety, in order to initiate PG&E's interconnection review of the proposed Generating Facility. *Only complete Part II if the solar generating facility is serving as part of a Net Energy Metering (NEM2) arrangement..*

A. Customer Sector (Check one)

- ❑ Residential
- ❑ Educational
- ❑ Industrial
- ❑ Commercial
- ❑ Military
- ❑ Non-Profit
- ❑ Other Government

Electric Sample Form No. 79-1174-02E Sheet 1
Rule 21 Generator Interconnection Application - Attachment E

Please Refer to Attached
Sample Form

(Continued)

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
Q – Warranty or Service Agreement Applicant has verified that (i) a warranty of at least 10 years has been provided on all equipment and on its installation, or (ii) have a 10-year service warranty or executed “agreement” ensuring proper maintenance and continued system performance.	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
R - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
S - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
T - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate control device.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
U - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS - Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Electric Sample Form No. 79-1174-02F Sheet 1
Rule 21 Generator Interconnection Application - Attachment F

**Please Refer to Attached
Sample Form**

(Continued)

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
"agreement" ensuring proper maintenance and continued system performance.				
U - Cogeneration Please indicate whether this Generating Facility meets the definition of cogeneration in PUC 216.6 (5% useful thermal and 42.5% efficient):	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
V - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
W - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
X - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate control device.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes __ __ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
Y - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Electric Sample Form No. 79-1174-02G Sheet 1
Rule 21 Generator Interconnection Application - Attachment G

Please Refer to Attached Sample Form

(Continued)

FUEL CELL TECHNOLOGY

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
R - Cogeneration Please indicate whether this Generating Facility meets the definition of cogeneration in PUC 216.6 (5% useful thermal and 42.5% efficient):	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
S - Distribution Interconnect Handbook (DIH) and Greenbook Requirements Does this interconnection meet the DIH and Greenbook Requirements	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
T - Gas Clearance Requirements Certify that this interconnection meets Greenbook Gas Clearance Requirements?	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No	____ Yes ____ No
U - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate control device.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
V - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Electric Sample Form No. 79-1174-02H Sheet 1
Rule 21 Generator Interconnection Application - Attachment H

Please Refer to Attached
Sample Form

(Continued)

Generator Information	Existing Generator type 1	Existing Generator type 2	New Generator type 1	New Generator type 2
V - Basic Single Line Diagram (SLD) If the interconnection is eligible to use a Basic SLD, please include the requested information.	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ Storage Breaker Size (Amps)	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ Storage Breaker Size (Amps)	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ Storage Breaker Size (Amps)	______ Panel Voltage (Volts) ______ Main Breaker (Amps) ______ Storage Breaker Size (Amps)
Can this system be used as a back-up generator? If so, please include the requested information for the back-up controller or other device.	____ Yes ____ No ______ Manufacturer ______ Make ______ Model No.	____ Yes ____ No ______ Manufacturer ______ Make ______ Model No.	____ Yes ____ No ______ Manufacturer ______ Make ______ Model No.	____ Yes ____ No ______ Manufacturer ______ Make ______ Model No.
W - Back-up Generator Operation Will the generator be operated as a back-up? If yes, please indicate control device.	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker	____ Yes ____ No ☐ Automatic Transfer Switch ☐ Contactor ☐ Breaker
X - Limited Export Will the generator export be limited? If yes, please indicate how export will be limited.	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter	____ Yes ____ No ☐ Power Control System (PCS – Option 9) ☐ Relay ☐ Derated Inverter

Electric Sample Form No. 79-1193 Sheet 1

Agreement and Customer Authorization Net Energy Metering (NEM) Interconnection For Solar And/Or Wind Electric Generating Facilities Of 30 Kilowatts Or Less Paired with Energy Storage of 10 Kilowatts Or Less or Energy Storage with Power Control System Certification

Please Refer to Attached Sample Form

(Continued)

B. Generator System Sizing

Please complete this section only if installing a new Solar or Wind system or modifying an existing Solar or Wind system. This section is not applicable if only adding energy storage to an existing previously interconnected Solar or Wind system.

The individual Solar CEC-AC KW and/or the Wind Turbine and/or Storage rating(s) calculated on the application cannot exceed 5% of the listed value(s) on this Agreement and Authorization.

Generator System Type: ☐ Solar ☐ Wind ☐ Both

Estimated Annual Production:

	(1) Solar CEC-AC rating[A]	______ (kW) X 1,500[B]	=	______ (kWh)
AND/OR	(2) Wind Nameplate rating	______ (kW) X 2,190[C]	=	______ (kWh)
	(3) Total Energy Production	______ (1) + (2)	=	______ (kWh)

Estimated Annual Energy Usage:

	(4) Recent annual usage	______ (kWh) X 1.0	=	______ (kWh)
OR (If 12 months usage not available)	(5) Building size	______ (sq ft) X 3.00[D]	=	______ (kWh)
AND	(6) I plan to increase my annual usage (kWh) by			______ (kWh)
	(7) Total Energy Usage	(4~~2~~ or ~~3~~5) + (6~~4~~)	=	______ (kWh)

Net Generation:

	(8) Production - Usage	(3) – (7)	=	______ (kWh)*

*Positive number indicates that the system is estimated to generate more than the estimated usage. Please refer to Part IV, Section J to read the provisions around Net Surplus Compensation (NSC).

A Non-NEM Eligible Energy Storage System or an Energy Storage System with a Certified Power Control System (see Section R):

Energy Storage System Rating ______________________ kW

Does the energy storage system share an inverter with the NEM system? ☐ Yes ☐ No

If not, please provide:

Energy Storage Inverter Rating ______________________ kW

[A] CEC-AC (kW) = California Energy Commission Alternating Current, refers to the inverter efficiency rating (Quantity of PV Modules x PTC Rating of PV Modules x CEC Inverter Efficiency Rating)/1000

[B] 8,760 hrs/yr x 0.17123 solar capacity factor = 1,500

[C] 8,760 hrs/yr x 0.25 wind capacity factor = 2,190

[D] 2 watts/ sq ft x 1/1,000 watts x 8,760 hrs/yr x 0.17123 solar capacity factor = 3.00

Electric Sample Form No. 79-978-02 Sheet 1

Interconnection Agreement for Net Energy Metering (NEM2) of Solar or
Wind Electric Generating Facilities of 1,000 Kilowatts or Less, Other than Facilities of 30 Kilowatts or Less

Please Refer to Attached
Sample Form

(d) the Customer-Generator provides evidence of a final inspection clearance from the governmental authority having jurisdiction over the Generating Facility prior to September 9, 2017.

All "existing inverters" are not required to be Smart Inverters and are only subject to Section H of Rule 21. Customer-Generator replacing an "existing inverter" certifies it is being replaced with either:

(i) inverter equipment that complies with Section Hh of Rule 21, (encouraged); or

(ii) a conventional inverter that is of the same size and equivalent ability to that of the inverter being replaced, as allowed in Rule 21 Section H.3.d.ii.

3. DOCUMENTS INCLUDED AND DEFINED TERMS

3.1 This Agreement includes the following exhibits that are specifically incorporated herein and made a part of this Agreement.

Appendix A — Description of Generating Facility and Single-Line Diagram (Supplied by Customer-Generator).

Appendix B — A Copy of *PG&E's Agreement for Installation or Allocation of Special Facilities* (Forms 79-255, 79-280, 79-702) or *Agreements to Perform Any Tariff Related Work (62-4527*), if applicable (Formed by the Parties).

Appendix C — NEM2 Load Aggregation Customer-Generator Declaration Warranting NEM2 Aggregation Is Located On Same or Adjacent or Contiguous Property to Generator Parcel

In addition, PG&E Electric Tariff Rules and Rates, including but not limited to Electric Rules 2, 14, 15, 16, and 21, Schedule NEM2, and Customer-Generator's otherwise-applicable rate schedule, available at PG&E's website at www.pge.com or by request, are specifically incorporated herein and made part of this Agreement.

3.2 When initially capitalized, whether in the singular or in the plural, the terms used herein shall have the meanings assigned to them either in this Agreement or in PG&E's Electric Rule 21, Section C.

4. CUSTOMER BILLING AND PAYMENT

Customer-Generator initially selects Pacific Gas and Electric Company's electric rate schedule referenced in Section 2.7~~6~~ of this Agreement as its otherwise-applicable rate schedule. Customer-Generator understands that they will be billed according to the otherwise-applicable rate schedule and Schedule NEM2.

ELECTRIC SCHEDULE A-10 Sheet 4
MEDIUM GENERAL DEMAND-METERED SERVICE

APPLICABILITY (CONT'D):

RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

All customers taking non TOU service under this rate schedule shall be subject to the rates set forth in Table A. All customers taking TOU service under this rate schedule shall be subject to the rates set forth in Table B.

RATES: Standard Non-Time-of-Use Rate

Table A

TOTAL RATES

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Total Customer~~/Meter~~ Charge Rates						
Customer Charge ($ per meter per day)	$5.91042	(I)	$5.91042	(I)	$5.91042	(I)
Total Demand Rates ($ per kW)						
Summer	$18.45	(I)	$18.14	(I)	$12.98	
Winter	$18.45	(I)	$18.14	(I)	$12.98	
Total Energy Rates ($ per kWh)						
Summer	$0.23368	(I)	$0.21700	(I)	$0.16265	(I)
Winter	$0.19607	(I)	$0.18178	(I)	$0.14553	(I)

(Continued)

ELECTRIC SCHEDULE A-10 Sheet 5
MEDIUM GENERAL DEMAND-METERED SERVICE

RATES: Standard Non-Time-of-Use Rates

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

Table A (Cont'd.)

UNBUNDLING OF TOTAL RATES

Customer/~~Meter~~ Charge Rates: Customer ~~and Meter~~ charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Demand Rate by Components ($ per kW)	Secondary Voltage		Primary Voltage		Transmission Voltage	
Generation:						
Summer	$0.00		$0.00		$0.00	
Winter	$0.00		$0.00		$0.00	
Distribution:**						
Summer	$7.39	(I)	$7.08	(I)	$1.92	
Winter	$7.39	(I)	$7.08	(I)	$1.92	
Transmission Maximum Demand*	$11.03		$11.03		$11.03	
Reliability Services Maximum Demand*	$0.03		$0.03		$0.03	
Energy Rate by Components ($ per kWh)						
Generation:						
Summer	$0.16657	(I)	$0.15019	(I)	$0.13010	(I)
Winter	$0.14481	(I)	$0.13136	(I)	$0.11298	(I)
Distribution:**						
Summer	$0.04412	(I)	$0.04420	(I)	$0.01057	(I)
Winter	$0.02827	(I)	$0.02781	(I)	$0.01057	(I)
Transmission Rate Adjustments* (all usage)	$0.00167	(I)	$0.00167	(I)	$0.00167	(I)
Public Purpose Programs (all usage)	$0.01785	(R)	$0.01758	(R)	$0.01724	(R)
Nuclear Decommissioning (all usage)	($0.00013)		($0.00013)		($0.00013)	
Competition Transition Charges (all usage)	$0.00024	(I)	$0.00024	(I)	$0.00024	(I)
Energy Cost Recovery Amount (all usage)	($0.00429)	(R)	($0.00429)	(R)	($0.00429)	(R)
Wildfire Fund Charge (all usage)	$0.00459	(R)	$0.00459	(R)	$0.00459	(R)
New System Generation Charge (all usage)**	$0.00186	(R)	$0.00186	(R)	$0.00186	(R)
California Climate Credit (all usage)***	$0.00000		$0.00000		$0.00000	
Wildfire Hardening Charge (all usage)	$0.00120		$0.00109		$0.00080	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.
*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

ELECTRIC SCHEDULE A-10 Sheet 6
MEDIUM GENERAL DEMAND-METERED SERVICE

RATES: Time-of-Use Rates for Optional or Real-Time Metering Customers

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

Table B

TOTAL RATES

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Total Customer~~/Meter~~ Charge Rates						
Customer Charge ($ per meter per day)	$5.91042	(I)	$5.91042	(I)	$5.91042	(I)
Total Demand Rates ($ per kW)						
Summer	$18.45	(I)	$18.14	(I)	$12.98	
Winter	$18.45	(I)	$18.14	(I)	$12.98	
Total Energy Rates ($ per kWh)						
Peak Summer	$0.24715	(I)	$0.23090	(I)	$0.17780	(I)
Part-Peak Summer	$0.24715	(I)	$0.23090	(I)	$0.17780	(I)
Off-Peak Summer	$0.22037	(I)	$0.20558	(I)	$0.15315	(I)
Part-Peak Winter	$0.19668	(I)	$0.18178	(I)	$0.14592	(I)
Off-Peak Winter	$0.19597	(I)	$0.18111	(I)	$0.14526	(I)

(Continued)

ELECTRIC SCHEDULE A-10 Sheet 7
MEDIUM GENERAL DEMAND-METERED SERVICE

RATES: Time-of-Use Rates for Optional or Real-Time Metering Customers

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

Table B (Cont'd.)

UNBUNDLING OF TOTAL RATES

Customer~~/Meter~~ Charge Rates: Customer ~~and Meter~~ charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Demand Rate by Components ($ per kW)						
Generation:						
Summer	$0.00		$0.00		$0.00	
Winter	$0.00		$0.00		$0.00	
Distribution:**						
Summer	$7.39	(I)	$7.08	(I)	$1.92	
Winter	$7.39	(I)	$7.08	(I)	$1.92	
Transmission Maximum Demand*	$11.03		$11.03		$11.03	
Reliability Services Maximum Demand*	$0.03		$0.03		$0.03	
Energy Rate by Components ($ per kWh)						
Generation:						
Peak Summer	$0.18004	(I)	$0.16409	(I)	$0.14525	(I)
Part-Peak Summer	$0.18004	(I)	$0.16409	(I)	$0.14525	(I)
Off-Peak Summer	$0.15326	(I)	$0.13877	(I)	$0.12060	(I)
Part-Peak Winter	$0.14542	(I)	$0.13136	(I)	$0.11337	(I)
Off-Peak Winter	$0.14471	(I)	$0.13069	(I)	$0.11271	(I)
Distribution:**						
Summer	$0.04412	(I)	$0.04420	(I)	$0.01057	(I)
Winter	$0.02827	(I)	$0.02781	(I)	$0.01057	(I)
Transmission Rate Adjustments* (all usage)	$0.00167	(I)	$0.00167	(I)	$0.00167	(I)
Public Purpose Programs (all usage)	$0.01785	(R)	$0.01758	(R)	$0.01724	(R)
Competition Transition Charge (all usage)	$0.00024	(I)	$0.00024	(I)	$0.00024	(I)
Energy Cost Recovery Amount (all usage)	($0.00429)	(R)	($0.00429)	(R)	($0.00429)	(R)
Nuclear Decommissioning (all usage)	($0.00013)		($0.00013)		($0.00013)	
Wildfire Fund Charge (all usage)	$0.00459	(R)	$0.00459	(R)	$0.00459	(R)
New System Generation Charge (all usage)**	$0.00186	(R)	$0.00186	(R)	$0.00186	(R)
California Climate Credit (all usage)***	$0.00000		$0.00000		$0.00000	
Wildfire Hardening Charge (all usage)	$0.00120		$0.00109		$0.00080	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

ELECTRIC SCHEDULE AG
TIME-OF-USE AGRICULTURAL POWER

3. RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer/~~Meter~~ Charge Rates	**Rate AG-A1**		**Rate AG-A2**		**Rate AG-B**		**Rate AG-C**	
Customer Charge ($ per meter per day)	$0.68895		$0.68895		$0.91565		$1.43343	
Total Demand Rates ($ per kW)								
Secondary Voltage								
Maximum Peak Demand Summer	—		—		—		$22.36	(I)
Maximum Demand Summer	$7.15	(I)	$13.06	(I)	$7.07	(R)	$12.69	(R)
Maximum Demand Winter	$7.15	(I)	$13.06	(I)	$7.07	(R)	$12.69	(R)
Primary Voltage								
Maximum Peak Demand Summer	—		—		—		$22.36	(I)
Maximum Demand Summer	—		—		$6.11	(R)	$11.36	(R)
Maximum Demand Winter	—		—		$6.11	(R)	$11.36	(R)
Transmission Voltage								
Maximum Peak Demand Summer	—		—		—		$22.36	(I)
Maximum Demand Summer	—		—		$2.37	(R)	$3.28	(R)
Maximum Demand Winter	—		—		$2.37	(R)	$3.28	(R)
Total Energy Rates ($ per kWh)								
Peak Summer	$0.45493	(I)	$0.38462	(I)	$0.44442	(I)	$0.20801	(I)
Off-Peak Summer	$0.28899	(I)	$0.21869	(I)	$0.27157	(I)	$0.16857	(I)
Peak Winter	$0.27862	(I)	$0.22558	(I)	$0.26750	(I)	$0.18022	(I)
Off-Peak Winter	$0.24933	(I)	$0.19629	(I)	$0.23824	(I)	$0.15453	(I)
Demand Charge Rate Limiter ($/kWh in all months, see Demand Charge Rate Limiter section)	—		—		—		$0.50	

PDP Rates (Consecutive Day and Five-Hour Event Option)*	Rate AG-A1		Rate AG-A2		Rate AG-B		Rate AG-C	
PDP Charges ($ per kWh)								
All Usage During PDP Event	$0.60	(R)	$0.60	(R)	$0.60	(R)	$0.70	(R)
PDP Credits								
Demand ($ per kW)								
Peak Summer	—		-		—		($3.59)	(R)
Energy ($ per kWh)								
Peak Summer	($0.08997)	(R)	($0.08913)	(R)	($0.10121)	(I)	-	

* See PDP Detail, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)

ELECTRIC SCHEDULE AG Sheet 5
TIME-OF-USE AGRICULTURAL POWER

3. RATES: (Cont'd.) Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES

Customer~~/Meter~~ Charge Rates: Customer~~/Meter~~ charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Demand Charges by Component ($/kW)	Rate AG-A1		Rate AG-A2		Rate AG-B		Rate AG-C	
Generation:								
Maximum Peak Demand Summer	—		—		—		$15.38	(I)
Distribution:**								
Secondary Voltage								
Maximum Peak Demand Summer	—		—		—		$6.98	(R)
Maximum Demand Summer	$7.15	(I)	$13.06	(I)	$7.07	(R)	$12.69	(R)
Maximum Demand Winter	$7.15	(I)	$13.06	(I)	$7.07	(R)	$12.69	(R)
Primary								
Maximum Peak Demand Summer	—		—		—		$6.98	(R)
Maximum Demand Summer	—		—		$6.11	(R)	$11.36	(R)
Maximum Demand Winter	—		—		$6.11	(R)	$11.36	(R)
Transmission								
Maximum Peak Demand Summer	—		—		—		$6.98	(R)
Maximum Demand Summer	—		—		$2.37	(R)	$3.28	(R)
Maximum Demand Winter	—		—		$2.37	(R)	$3.28	(R)

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

~~10~~9.MAXIMUM-PEAK-PERIOD DEMAND

The customer's maximum-peak-period demand will be the highest of all the 15-minute averages for the peak period during the billing month.

~~11~~10.DEMAND CHARGE RATE LIMITER:

If a customer takes service on rate AG-C under Schedule AG-C, at any voltage level, bills will be controlled by a "demand charge rate limiter" during all months of the year. The bill will be reduced, if necessary, so that the average rate paid per kWh for all demand and energy charges, excluding the monthly customer charge, during all months of the year does not exceed the Demand Charge Rate Limiter shown on this schedule.

The Demand Charge Rate Limiter shall apply to all bundled service, Direct Access (DA), or Community Choice Aggregation (CCA) customers taking service on rate option AG-C under Schedule AG. DA/CCA customers will be billed as if paying full PG&E bundled Generation demand charge and energy charge rates to assess the applicability of the Demand Charge Rate Limiter, and shall receive bill adjustments on that basis, not on the basis of applicable DA/CCA Generation charges, or related PCIA and E-FFS rates. Net Energy Metering (NEM) customers shall be evaluated for the Demand Charge Rate Limiter on the basis of the energy the customer receives from PG&E prior to any bill adjustment for net exports. The Demand Charge Rate Limiter shall also apply to any AG-C customer who elects to receive separate billing for back-up and maintenance service pursuant to Special Condition 7 of Standby Schedule SB.

Demand Charge Rate Limiter applicability shall be evaluated on the basis of the full billing period, and not within a seasonal crossover or other bill segment basis. All revenue shortfalls attributable to the Demand Charge Rate Limiter will be assigned as a reduction to distribution charges. The Demand Charge Rate Limiter will apply to AG-C customer bills without regard to any incentives, charges, surcharges, or penalties associated with such programs as PDP, DRAM, BIP, and CBP.

This Demand Charge Rate Limiter provision will not apply if the customer has elected one of the following:

- Schedule AG, Rate Option AG-A1, AG-A2, or B; or
- Schedule AG-F, Rate Option A, B, or C.
- NEM aggregation, NEMA service on AG-C across multiple meter sites.
- Virtual NEM, NEMCCSF, NEMFC, NEMMT, NEM Paired Storage, NEMBIO, ~~NEMW,~~ or RES-BCT.

(Continued)

ELECTRIC SCHEDULE AG
TIME-OF-USE AGRICULTURAL POWER

~~12~~11. DEFINITION OF SERVICE VOLTAGE:

The following defines the three voltage classes of Schedule AG rates. Standard Service Voltages are listed in Rule 2, Section B.1.

a. Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.

b. Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.

c. Transmission: This is the voltage class if the customer is served without transformation from PG&E's serving transmission system at one of the standard transmission voltages specified in PG&E's Rule 2, Section B.1.

PG&E retains the right to change its line voltage at any time. Customers receiving voltage discounts will get reasonable notice of any impending change. They will then have the option of taking service at the new voltage (and making whatever changes in their systems are necessary) or taking service without a voltage discount through transformers supplied by PG&E.

~~13~~12. BILLING:

A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule. Total generation charges for bundled customers include charges for the latest vintage Power Charge Indifference Adjustment shown in the Direct Access and Community Choice Aggregation section below.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1 or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

(Continued)

ELECTRIC SCHEDULE AG Sheet 11
TIME-OF-USE AGRICULTURAL POWER

12~~13~~.BILLING: (Cont'd)

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	DA / CCA CRS
Energy Cost Recovery Amount Charge (per kWh)	($0.00429)
Wildfire Fund Charge (per kWh)	$0.00459
CTC Charge (per kWh)	$0.00021
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	$0.01181
2010 Vintage	$0.01594
2011 Vintage	$0.01726
2012 Vintage	$0.01853
2013 Vintage	$0.01789
2014 Vintage	$0.01784
2015 Vintage	$0.01755
2016 Vintage	$0.01790
2017 Vintage	$0.01761
2018 Vintage	$0.01742
2019 Vintage	$0.01756
2020 Vintage	$0.01230
2021 Vintage	$0.02283
2022 Vintage	$0.02283

(Continued)

ELECTRIC SCHEDULE AG
TIME-OF-USE AGRICULTURAL POWER

~~14~~13.STANDBY APPLICABILITY: SOLAR GENERATION FACILITIES EXEMPTION: Customers 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 and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.

DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take time-of-use service to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to time-of-use (TOU) and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.

~~15~~14.WILDFIRE FUND CHARGE: The Wildfire Fund Charge was imposed by California Public Utilities Commission Decisions 19-10-056, 20-07-014, 20-09-005, and 20-09-023 and is property of Department of Water Resources (DWR) for all purposes under California law. The Charge became effective October 1, 2020, and applies to all retail sales, excluding CARE and Medical Baseline sales. The Wildfire Fund Charge (where applicable) is included in customers' total billed amounts. The Wildfire Fund Charge replaces the DWR Bond Charge imposed by California Public Utilities Commission Decisions 02-10-063 and 02-12-082.

~~16~~15.OPTIMAL BILLING PERIOD SERVICE: The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Rate AG-C under Schedule AG, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters.

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

(Continued)

15~~16~~.OPTIMAL BILLING PERIOD SERVICE: (Cont'd)

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following:

a) a specific month and day for the start of the OBP; and/or

b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

Prior to receiving OBP service, the customer must pay an annual OBP fee of $160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution.

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.

~~17~~16. PEAK DAY PRICING

a. **Default Provision**: The default of eligible customers to PDP will occur once per year with the start of their billing cycle after March 1. Eligible customers will have at least 45-days notice prior to their planned default date when they may opt-out of PDP rates to take service on TOU rates. During the 45-day period, customers will continue to take service on their non-PDP rate. Customers may elect any applicable PDP rate. However, if the customers taking service on this schedule have not made that choice or elected to opt-out to a TOU rate at least five (5) days before their proposed default date, their service will be defaulted to the PDP version of this rate schedule on their default date.

In March 2022, customers who are enrolled in the version of PDP with 5 pm – 8 pm PDP Event Hours (5 to 8 PDP) will be transitioned to a version of PDP with 4 pm – 9 pm PDP Event Hours (4 to 9 PDP).

Starting in March 2022, 5 to 8 PDP will be discontinued, and only 4 to 9 PDP will be available with the AG schedule on the new rates with later TOU hours.

Bundled service Net Energy Metering (NEM) customers taking service on Schedule NEM, NEMV, NEMVMASH, NEM2, NEM2V, or NEM2VMSH are eligible for default to PDP and to opt-in to PDP. NEM customers on NEMBIO, NEMFC, NEMCCSF, and NEMA are not eligible for PDP. The NEM Annual True-Up billing date, and the first year PDP Bill Stabilization date in section b below, may be independent 12-month periods. After the first year on PDP, NEM credits can offset PDP charges. PDP credits and charges will be provided for exported generation. All PDP billing for NEM customers will be based on net usage during each 15-minute interval.

b. **Capacity Reservation Level**: Customers on the AG-C rate may elect a capacity reservation level (CRL) and pay for a fixed level of capacity, specified in kW. While the CRL is applicable year round, customers electing a CRL will be billed on a take-or-pay basis up to the specified CRL under the non-PDP rate of this schedule during the summer period (June 1 through September 30). This means that customers will be billed for summer peak generation demand charges up to the level of their CRL, even in summer months when the actual demand might be less than their CRL. Customers will receive PDP credits on summer usage above the CRL on all summer-period days. All usage during a PDP event protected under the CRL will be billed at the non-PDP rate. All usage above the CRL (as measured in 15-minute intervals), and not protected during a PDP event, will be billed at the PDP rate. If a customer fails to elect an initial CRL, the customer's initial CRL will be set at 50% of its most recent full summer season average peak-period maximum demand and may go back to the previous year to make a full summer season (if available). If the customer has not established any historic summer billing demand, the CRL will be set at zero (0). The CRL for all customers, including NEM customers, must be greater than or equal to zero (0). A customer may only elect to change their CRL once every 12 months.

c. **Bill Stabilization**: PDP customers will be offered bill stabilization for the initial twelve (12) months unless they opt-out during their initial 45-day period. Bill stabilization ensures that during the initial 12 months under PDP, the customer will not pay more than it would have had it opted-out to the applicable TOU rate.

(Continued)

16~~17~~. PEAK DAY PRICING (Cont'd.):

d. **Bill Stabilization** (Cont'd.):

If a customer terminates its participation on the PDP rate prior to the initial 12 month period expiring, the customer will receive bill stabilization up to the date when the customer terminates its participation. Bill stabilization benefits will be computed on a cumulative basis, based on the earlier of 1) when a customer terminates its participation on the PDP rate or 2) at the end of the initial 12-month period. Any applicable credits will be applied to the customer's account on a subsequent regular bill. Bill stabilization is only available one time per customer. If a customer un-enrolls or terminates its participation on a PDP rate, bill stabilization will not be offered again.

Active 5 to 8 PDP customers who have not completed 12-months of bill stabilization by the time they are transitioned to 4 to 9 PDP in their March 2022 billing cycle will seamlessly continue with their bill stabilization under 4 to 9 PDP until 12-months have elapsed since their initial enrollment in 5 to 8 PDP, or until they optionally unenroll from 4 to 9 PDP before 12-months.

5 to 8 PDP customers who have already received 12-months of bill stabilization, will not receive bill stabilization for a second time when they are transitioned to 4 to 9 PDP.

e. **Notification Equipment:** At the customer's option and expense, it is recommended, but not required that a customer provide a phone number or an e-mail address to receive automated voice, text, or email notification messages of a PDP event from PG&E.

If a PDP event occurs, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E will make reasonable efforts to notify customers, however it is the customer's responsibility to receive such notice and to check the PG&E website to see if a PDP event has been activated. It is also the customer's responsibility to maintain accurate notification contact information. PG&E does not guarantee the reliability of the phone, e-mail system, or Internet site by which the customer receives notification.

PG&E may conduct notification test events once a month to ensure a customer's contact information is up-to-date. These are not actual PDP events and no load reduction is required.

f. **PG&E website**. This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's "Your Account" website may be different from the actual bill.

g. **Program Operations**: A maximum of fifteen (15) PDP events and a minimum of nine (9) PDP events may be called in any calendar year. PG&E will notify customers by 4:00 p.m. on a day-ahead basis when a PDP event will occur the next day. The PDP program will operate year-round and PDP events may be called for any day of the week.

PG&E may conduct outreach/notification by any available channel (direct mail, phone call, email and/or text) for PDP customers.

(Continued)

~~17~~16. PEAK DAY PRICING (Cont'd.):

h. **Event Cancellation or Reduction**: PG&E may initiate the cancellation of a PDP event before 5:00 p.m. the day-ahead of a noticed PDP event. If PG&E cancels an event, it will count the cancelled event toward the PDP limits. PG&E may also cancel PDP events by 5:00 p.m. on a day-ahead basis or on the Event Day itself in response to an emergency situation, such as a proclamation of a state of emergency and/or disaster by a local, state and/or federal government.

i. **Program Options**: Customers on Schedules AG-A1, AG-A2 or AG-B may customize their PDP participation by choosing either a) no limit on the number of consecutive PDP events or b) every other PDP event. Customers electing every other PDP event will be divided into two groups and only be subject to a maximum of one-half of the PDP events called and the corresponding PDP rate credits will be reduced by 50%. Customers that do not elect an option will be defaulted to the no limit on the number of consecutive PDP events. The duration of PDP Event Operations for both options will be from p.m.4:00 p.m. to 9:00 p.m. (five-hour window).

j. **Event Trigger**: PG&E will trigger a PDP event when the day-ahead temperature forecast trigger is reached. The trigger will be the average of the day-ahead maximum temperature forecasts for San Jose, Concord, Red Bluff, Sacramento and Fresno.

Beginning June 1 of each summer season, the PDP events on non-holiday weekdays will be triggered at 98 degrees Fahrenheit (°F), and will be triggered at 105°F on holidays and weekends. If needed, PG&E will adjust the non-holiday weekday trigger up or down over the course of the summer to achieve the range of 9 to 15 PDP events in any calendar year. Such adjustments would be made no more than twice per month and would be posted on PG&E's PDP Website.

PDP events may also be initiated as warranted on a day-ahead basis by 1) extreme system conditions such as special alerts issued by the California Independent System Operator, 2) under conditions of high forecasted California spot market power prices, 3) to meet annual PDP event limits for a calendar year, or 4) for testing/evaluation purposes.

k. **Program Terms**: A customer may opt-out anytime during its initial 12 months on a PDP rate. After the initial 12 months, customer's participation will be in accordance with Electric Rule 12.

Customers may opt-out of a PDP rate at anytime to enroll in another demand response program beginning May 1, 2011.

l. **Interaction with Other PG&E Demand Response Programs**: Pursuant to D.18-11-029, customers on a PDP rate may no longer participate in another demand response program offered by PG&E or a third-party demand response provider as of October 26, 2018. If dual enrolled in BIP and PDP prior to October 26, 2018 then participation will be capped at the customer's subscribed megawatt level as of December 10, 2018. New dual enrollment in BIP and PDP as of October 26, 2018 is no longer available. If a NEM customer is on PDP, the customer cannot participate in a third-party Demand Response program unless it ceases to be a PDP customer. If a third-party signs a NEM customer up under Rule 24 at the CAISO, the customer is automatically removed from PDP.

ELECTRIC SCHEDULE AG-F Sheet 5
FLEXIBLE OFF-PEAK TIME-OF-USE AGRICULTURAL POWER

3. RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer/~~Meter~~ Charge Rates	**Rate A**		**Rate B**		**Rate C**	
Customer Charge ($ per meter per day)	$0.68895		$0.91565		$1.43343	
Total Demand Rates ($ per kW)						
Secondary Voltage						
Maximum Peak Demand Summer	—		—		$22.36	(I)
Maximum Demand Summer	$7.15	(I)	$7.07	(R)	$12.69	(R)
Maximum Demand Winter	$7.15	(I)	$7.07	(R)	$12.69	(R)
Primary Voltage						
Maximum Peak Demand Summer	—		—		$22.36	(I)
Maximum Demand Summer	—		$6.11	(R)	$11.36	(R)
Maximum Demand Winter	—		$6.11	(R)	$11.36	(R)
Transmission Voltage						
Maximum Peak Demand Summer	—		—		$22.36	(I)
Maximum Demand Summer	—		$2.37	(R)	$3.28	(R)
Maximum Demand Winter	—		$2.37	(R)	$3.28	(R)
Total Energy Rates ($ per kWh)						
Peak Summer	$0.49517	(I)	$0.46696	(I)	$0.23994	(I)
Off-Peak Summer	$0.29156	(I)	$0.27613	(I)	$0.19521	(I)
Peak Winter	$0.32607	(I)	$0.30402	(I)	$0.20891	(I)
Off-Peak Winter	$0.24565	(I)	$0.23569	(I)	$0.18096	(I)

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(Continued)

3. RATES: (Cont'd.) Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES

Customer~~/Meter~~ Charge Rates: Customer~~/Meter~~ charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Demand Charge by Component ($/kW)	**Rate A**		**Rate B**		**Rate C**	
Generation:						
Maximum Peak Demand Summer	—		—		$15.38	(I)
Distribution:**						
Secondary Voltage						
Maximum Peak Demand Summer	—		—		$6.98	(R)
Maximum Demand Summer	$7.15	(I)	$7.07	(R)	$12.69	(R)
Maximum Demand Winter	$7.15	(I)	$7.07	(R)	$12.69	(R)
Primary Voltage						
Maximum Peak Demand Summer	—		—		$6.98	(R)
Maximum Demand Summer	—		$6.11	(R)	$11.36	(R)
Maximum Demand Winter	—		$6.11	(R)	$11.36	(R)
Transmission Voltage						
Maximum Peak Demand Summer	—		—		$6.98	(R)
Maximum Demand Summer	—		$2.37	(R)	$3.28	(R)
Maximum Demand Winter	—		$2.37	(R)	$3.28	(R)

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

ELECTRIC SCHEDULE B-10 Sheet 3
MEDIUM GENERAL DEMAND-METERED SERVICE

RATE:

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Total Customer~~/Meter~~ Charge Rates						
Customer Charge ($ per meter per day)	$5.91042	(I)	$5.91042	(I)	$5.91042	(I)
Total Demand Rates ($ per kW)						
Summer	$16.96	(I)	$16.73	(I)	$13.13	
Winter	$16.96	(I)	$16.73	(I)	$13.13	
Total Energy Rates ($ per kWh)						
Peak Summer	$0.31297	(I)	$0.29542	(I)	$0.22689	(I)
Part-Peak Summer	$0.25128	(I)	$0.23712	(I)	$0.17015	(I)
Off-Peak Summer	$0.21871	(I)	$0.20628	(I)	$0.14008	(I)
Peak Winter	$0.23670	(I)	$0.22256	(I)	$0.17384	(I)
Off-Peak Winter	$0.20122	(I)	$0.18893	(I)	$0.14100	(I)
Super Off-Peak Winter	$0.16488	(I)	$0.15259	(I)	$0.10466	(I)
PDP Rates (Consecutive Day and Five-Hour Event Option						
PDP Charges ($ per kWh)						
All Usage During PDP Event	$0.90		$0.90		$0.90	
PDP Credits						
Energy ($ per kWh)						
Peak Summer	($0.07825)	(R)	($0.07825)	(R)	($0.07825)	(R)
Part-Peak Summer	($0.02710)	(R)	($0.02710)	(R)	($0.02710)	(R)

* See PDP Details, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)

ELECTRIC SCHEDULE B-10 Sheet 4
MEDIUM GENERAL DEMAND-METERED SERVICE

RATES:

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

UNBUNDLING OF TOTAL RATES

Customer~~/Meter~~ Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Demand Rate by Components ($ per kW)						
Generation:						
Summer	-		-		-	
Winter	-		-		-	
Distribution:**						
Summer	$5.90	(I)	$5.67	(I)	$2.07	
Winter	$5.90	(I)	$5.67	(I)	$2.07	
Transmission Maximum Demand*	$11.03		$11.03		$11.03	
Reliability Services Maximum Demand*	$0.03		$0.03		$0.03	
Energy Rate by Components ($ per kWh)						
Generation:						
Peak Summer	$0.23643	(I)	$0.21901	(I)	$0.19480	(I)
Part-Peak Summer	$0.17474	(I)	$0.16071	(I)	$0.13806	(I)
Off-Peak Summer	$0.14217	(I)	$0.12987	(I)	$0.10799	(I)
Peak Winter	$0.17838	(I)	$0.16437	(I)	$0.14175	(I)
Off-Peak Winter	$0.14290	(I)	$0.13074	(I)	$0.10891	(I)
Super Off-Peak Winter	$0.10656	(I)	$0.09440	(I)	$0.07257	(I)
Distribution:**						
Summer	$0.05355	(I)	$0.05380	(I)	$0.01011	(I)
Winter	$0.03533	(I)	$0.03558	(I)	$0.01011	(I)
Transmission Rate Adjustments* (all usage)	$0.00167	(I)	$0.00167	(I)	$0.00167	(I)
Public Purpose Programs (all usage)	$0.01785	(R)	$0.01758	(R)	$0.01724	(R)
Competition Transition Charge (all usage)	$0.00024	(I)	$0.00024	(I)	$0.00024	(I)
Energy Cost Recovery Amount (all usage)	($0.00429)	(R)	($0.00429)	(R)	($0.00429)	(R)
Nuclear Decommissioning (all usage)	($0.00013)		($0.00013)		($0.00013)	
Wildfire Fund Charge (all usage)	$0.00459	(R)	$0.00459	(R)	$0.00459	(R)
New System Generation Charge (all usage)**	$0.00186	(R)	$0.00186	(R)	$0.00186	(R)
California Climate Credit (all usage)***	$0.00000		$0.00000		$0.00000	
Wildfire Hardening Charge (all usage)	$0.00120		$0.00109		$0.00080	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.
*** Only customers that qualify as Small Businesses – California Climate Credit under Rule 1 are eligible for the California Climate Credit.

(Continued)

ELECTRIC SCHEDULE B-19 Sheet 4
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

3. RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

BUNDLED TOTAL RATES

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Total Customer Charge Rates						
Customer Charge Mandatory B-19 ($ per meter per day)	$29.69217	(I)	$45.18407	(I)	$50.81693	(I)
Customer Charge ~~with SmartMeter™~~ Voluntary B-19 ($ per meter per day)	$5.91042	(I)	$5.91042	(I)	$5.91042	(I)
Total Demand Rates ($ per kW**)**						
Maximum Peak Demand Summer	$31.45	(I)	$27.80	(I)	$12.72	(I)
Maximum Part-Peak Demand Summer	$6.37	(I)	$5.69	(I)	$3.18	(I)
Maximum Demand Summer	$25.59	(R)	$21.05	(R)	$14.45	(I)
Maximum Peak Demand Winter	$2.24	(I)	$1.65	(I)	$1.22	(I)
Maximum Demand Winter	$25.59	(R)	$21.05	(R)	$14.45	(I)
Total Energy Rates ($ per kWh)						
Peak Summer	$0.19746	(I)	$0.17695	(I)	$0.16434	(I)
Part-Peak Summer	$0.15983	(I)	$0.14831	(I)	$0.15230	(I)
Off-Peak Summer	$0.13323	(I)	$0.12341	(I)	$0.12666	(I)
Peak Winter	$0.17356	(I)	$0.16142	(I)	$0.16595	(I)
Off-Peak Winter	$0.13312	(I)	$0.12358	(I)	$0.12700	(I)
Super Off-Peak Winter	$0.07886	(I)	$0.06972	(I)	$0.06970	(I)
Power Factor Adjustment Rate ($/kWh/%)	$0.00005		$0.00005		$0.00005	
PDP Rates						
PDP Charges ($ per kWh)						
All Usage During PDP Event	$0.90	(R)	$0.90	(R)	$0.90	(R)
PDP Credits						
Demand ($ per kW)						
Peak Summer	($6.78)	(R)	($5.31)	(I)	($4.14)	(R)
Part-Peak Summer	($0.99)	(R)	($0.78)	(I)	($1.04)	(R)
Energy ($ per kWh)						
Peak Summer	$0.00000		$0.00000		$0.00000	
Part-Peak Summer	$0.00000		$0.00000		$0.00000	

(Continued)

ELECTRIC SCHEDULE B-6
SMALL GENERAL TIME-OF-USE SERVICE

RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Total Customer~~/Meter~~ Charge Rates

Customer Charge Single-phase ($ per meter per day)	$0.32854	
Customer Charge Poly-phase ($ per meter per day)	$0.82136	

Total Energy Rates ($ per kWh)

Peak Summer	$0.41465	(I)
Off-Peak Summer	$0.29671	(I)
Peak Winter	$0.30704	(I)
Off-Peak Winter	$0.28729	(I)
Super Off-Peak Winter	$0.27088	(I)

PDP Rates (Consecutive Day and Five-Hour Event Option)*

PDP Charges ($ per kWh)		
All Usage During PDP Event	$0.60	
PDP Credits		
Energy ($ per kWh)		
Peak Summer	($0.06983)	(R)

** See PDP Details, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.*

(Continued)

ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE

1. APPLICABILITY: (Cont'd.) **Option R for Solar:** The Option R rate is available to qualifying customers taking Bundled, DA and CCA service under Schedule E-20. Eligible customers must have solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 18.

2. TERRITORY: Schedule E-20 applies everywhere PG&E provides electric service.

3. RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing

TOTAL RATES

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Total Customer/~~Meter~~ Charge Rates						
Customer Charge Mandatory E-20 ($ per meter per day)	$53.72582	(I)	$53.45785	(I)	$36.57149	(I)
Total Demand Rates ($ per kW)						
Maximum Peak Demand Summer	$17.06	(I)	$17.11	(I)	$15.02	(I)
Maximum Part-Peak Demand Summer	$13.90	(I)	$14.56	(I)	$15.02	(I)
Maximum Demand Summer	$28.61	(I)	$26.15	(I)	$13.55	
Maximum Part-Peak Demand Winter	$0.00		$0.00		$0.00	
Maximum Demand Winter	$28.61	(I)	$26.15	(I)	$13.55	
Total Energy Rates ($ per kWh)						
Peak Summer	$0.13402	(I)	$0.12932	(I)	$0.11401	(I)
Part-Peak Summer	$0.13402	(I)	$0.12932	(I)	$0.11401	(I)
Off-Peak Summer	$0.12810	(I)	$0.12356	(I)	$0.10834	(I)
Part-Peak Winter	$0.12551	(I)	$0.12109	(I)	$0.10591	(I)
Off-Peak Winter	$0.12480	(I)	$0.12042	(I)	$0.10525	(I)
Power Factor Adjustment Rate ($/kWh/%)	$0.00005		$0.00005		$0.00005	

(Continued)

ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

3. RATES: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES

Customer/~~Meter~~ Charge Rates: Customer ~~and meter~~ charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Demand Rates by Component ($ per kW)	Secondary Voltage		Primary Voltage		Transmission Voltage	
Generation:						
Maximum Peak Demand Summer	$11.80	(I)	$12.61	(I)	$15.02	(I)
Maximum Part-Peak Demand Summer	$11.80	(I)	$12.61	(I)	$15.02	(I)
Maximum Demand Summer	$0.00		$0.00		$0.00	
Maximum Part-Peak Demand Winter	$0.00		$0.00		$0.00	
Maximum Demand Winter	$0.00		$0.00		$0.00	
Distribution:**						
Maximum Peak Demand Summer	$5.26	(I)	$4.50	(I)	$0.00	
Maximum Part-Peak Demand Summer	$2.10		$1.95	(I)	$0.00	
Maximum Demand Summer	$15.73	(I)	$13.27	(I)	$0.67	
Maximum Part-Peak Demand Winter	$0.00		$0.00		$0.00	
Maximum Demand Winter	$15.73	(I)	$13.27	(I)	$0.67	
Transmission Maximum Demand*	$12.85		$12.85		$12.85	
Reliability Services Maximum Demand*	$0.03		$0.03		$0.03	
Energy Rates by Component ($ per kWh)						
Generation:						
Peak Summer	$0.11260	(I)	$0.10889	(I)	$0.09529	(I)
Part-Peak Summer	$0.11260	(I)	$0.10889	(I)	$0.09529	(I)
Off-Peak Summer	$0.10668	(I)	$0.10313	(I)	$0.08962	(I)
Part-Peak Winter	$0.10409	(I)	$0.10066	(I)	$0.08719	(I)
Off-Peak Winter	$0.10338	(I)	$0.09999	(I)	$0.08653	(I)
Distribution:**						
Peak Summer	$0.00000		$0.00000		$0.00000	
Part-Peak Summer	$0.00000		$0.00000		$0.00000	
Off-Peak Summer	$0.00000		$0.00000		$0.00000	
Part-Peak Winter	$0.00000		$0.00000		$0.00000	
Off-Peak Winter	$0.00000		$0.00000		$0.00000	
Transmission Rate Adjustments* (all usage**)**	$0.00167	(I)	$0.00167	(I)	$0.00167	(I)
Public Purpose Programs (all usage)	$0.01689	(R)	$0.01600	(R)	$0.01459	(R)
Nuclear Decommissioning (all usage)	($0.00013)		($0.00013)		($0.00013)	
Competition Transition Charge (all usage)	$0.00021	(I)	$0.00020	(I)	$0.00019	(I)
Energy Cost Recovery Amount (all usage)	($0.00429)	(R)	($0.00429)	(R)	($0.00429)	(R)
Wildfire Fund Charge (all usage)	$0.00459	(R)	$0.00459	(R)	$0.00459	(R)
New System Generation Charge (all usage)**	$0.00155	(R)	$0.00155	(R)	$0.00155	(R)
Wildfire Hardening Charge (all usage)	$0.00093		$0.00084		$0.00055	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

3. RATES: (Cont'd.)

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing

TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 16)

	Secondary Voltage		Primary Voltage		Transmission Voltage	
Total Customer~~/Meter~~ Charge Rates						
Customer Charge Mandatory E-20 ($ per meter per day)	$53.72582	(I)	$53.45785	(I)	$36.57149	(I)
Total Demand Rates ($ per kW)						
Maximum Peak Demand Summer	$1.31		$1.13	(I)	$0.00	
Maximum Part-Peak Demand Summer	$0.53	(I)	$0.49		$0.00	
Maximum Demand Summer	$28.61	(I)	$26.15	(I)	$13.55	
Maximum Part-Peak Demand Winter	$0.00		$0.00		$0.00	
Maximum Demand Winter	$28.61	(I)	$26.15	(I)	$13.55	
Total Energy Rates ($ per kWh)						
Peak Summer	$0.22914	(I)	$0.22512	(I)	$0.18332	(I)
Part-Peak Summer	$0.19698	(I)	$0.19305	(I)	$0.16588	(I)
Off-Peak Summer	$0.14986	(I)	$0.14612	(I)	$0.13846	(I)
Part-Peak Winter	$0.14727	(I)	$0.14365	(I)	$0.13603	(I)
Off-Peak Winter	$0.14656	(I)	$0.14298	(I)	$0.13537	(I)
Power Factor Adjustment Rate ($/kWh/%)	$0.00005		$0.00005		$0.00005	

(Continued)

ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

3. Rates: (Cont'd.)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES FOR OPTION R
(for qualifying solar customers as set forth in Section 16)

Customer/~~Meter~~ Charge Rates: Customer ~~and meter~~ charge rates provided in the Total Rates section above are assigned entirely to the unbundled distribution component.

Demand Rates by Components ($ per kW)	Secondary Voltage		Primary Voltage		Transmission Voltage	
Generation:						
Maximum Peak Demand Summer	$0.00		$0.00		$0.00	
Maximum Part-Peak Demand Summer	$0.00		$0.00		$0.00	
Maximum Demand Summer	$0.00		$0.00		$0.00	
Maximum Part-Peak Demand Winter	$0.00		$0.00		$0.00	
Maximum Demand Winter	$0.00		$0.00		$0.00	
Distribution:**						
Maximum Peak Demand Summer	$1.31		$1.13	(I)	$0.00	
Maximum Part-Peak Demand Summer	$0.53	(I)	$0.49		$0.00	
Maximum Demand Summer	$15.73	(I)	$13.27	(I)	$0.67	
Maximum Part-Peak Demand Winter	$0.00		$0.00		$0.00	
Maximum Demand Winter	$15.73	(I)	$13.27	(I)	$0.67	
Transmission Maximum Demand*	$12.85		$12.85		$12.85	
Reliability Services Maximum Demand*	$0.03		$0.03		$0.03	
Energy Rates by Component ($ per kWh)						
Generation:						
Peak Summer	$0.17045	(I)	$0.17090	(I)	$0.16460	(I)
Part-Peak Summer	$0.15548	(I)	$0.15343	(I)	$0.14716	(I)
Off-Peak Summer	$0.12844	(I)	$0.12569	(I)	$0.11974	(I)
Part-Peak Winter	$0.12585	(I)	$0.12322	(I)	$0.11731	(I)
Off-Peak Winter	$0.12514	(I)	$0.12255	(I)	$0.11665	(I)
Distribution:**						
Peak Summer	$0.03727	(R)	$0.03379	(R)	$0.00000	
Part-Peak Summer	$0.02008	(R)	$0.01919	(R)	$0.00000	
Off-Peak Summer	$0.00000		$0.00000		$0.00000	
Part-Peak Winter	$0.00000		$0.00000		$0.00000	
Off-Peak Winter	$0.00000		$0.00000		$0.00000	
Transmission Rate Adjustments* (all usage)	$0.00167	(I)	$0.00167	(I)	$0.00167	(I)
Public Purpose Programs (all usage)	$0.01689	(R)	$0.01600	(R)	$0.01459	(R)
Nuclear Decommissioning (all usage)	($0.00013)		($0.00013)		($0.00013)	
Competition Transition Charge (all usage)	$0.00021	(I)	$0.00020	(I)	$0.00019	(I)
Energy Cost Recovery Amount (all usage)	($0.00429)	(R)	($0.00429)	(R)	($0.00429)	(R)
Wildfire Fund Charge (all usage)	$0.00459	(R)	$0.00459	(R)	$0.00459	(R)
New System Generation Charge (all usage)**	$0.00155	(R)	$0.00155	(R)	$0.00155	(R)
Wildfire Hardening Charge (all usage)	$0.00093		$0.00084		$0.00055	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.
** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)

ELECTRIC SCHEDULE E-6
RESIDENTIAL TIME-OF-USE SERVICE

SPECIAL CONDITIONS: (Cont'd.)

7. COMMON-AREA ACCOUNTS: Common-area accounts that are separately metered by PG&E have a one-time option of switching to an applicable general service rate schedule by notifying PG&E in writing. Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1.

   Accounts that switch to a general service tariff will have one, and possibly two, opportunities to return to a residential rate schedule. Please see Common-Area Accounts Section of General Service Schedules A-1, A-6, A-10, and E-19 for more details.

8. BILLING: A customer's bill is calculated based on the option applicable to the customer.

   Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and conditions set forth in this schedule. Total generation charges for bundled customers include charges for the latest vintage Power Charge Indifference Adjustment shown in the Direct Access and Community Choice Aggregation section below.

   Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, conservation incentive adjustment, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

   Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, conservation incentive adjustment, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS, including exemptions for Medical Baseline and continuous DA service, are set forth in Schedules DA CRS and CCA CRS.

(Continued)

SPECIAL CONDITIONS: (Cont'd.)

8. BILLING: A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and conditions set forth in this schedule. Total generation charges for bundled customers include charges for the latest vintage Power Charge Indifference Adjustment shown in the Direct Access and Community Choice Aggregation section below.

Qualifying customers will be provided with bill protection for 12 months from the date they enroll onto the rate and up to the date they un-enroll from the rate or become ineligible, whichever occurs first. Bill protection shall be calculated based on comparing this rate to the standard tiered non-TOU rate. The following customers are not eligible for bill protection: customers on Schedule NEM2, NEM2V, or NEM2VMSH, also known as the NEM 2.0 tariff riders, who start or transfer service on or after October 1, 2020, and customers who opt-in to E-TOU-C from another Time-of-Use rate plan. PG&E will continue to offer bill protection to existing tiered customers that opt into the default TOU rate before and during the initial default TOU migration period.

The amount of bill protection is defined as the difference between what the customer paid on rate schedule E-TOU-C based on their usage and what they would have paid on the standard tiered non-TOU rate, schedule E-1. The rate from which the customer transferred to E-TOU-C is not taken into account for this calculation. Bill protection benefits will be computed on a cumulative basis at the end of 12 months or when the customer un-enrolls from the rate schedule (whichever occurs first), and any applicable credits will be applied to the customer's account on the next regular bill. Bill protection is applicable to a customer only once at a particular premise, even if the customer stays on the rate for less than 12 months. After the customer has completed 12 months on this rate schedule, bill protection will no longer apply.

Customers will receive a bill protection credit automatically, if applicable, under any of the circumstances below:

(a) Customer stops or transfers service.

(b) Customer moves from PG&E bundled service to Community Choice Aggregator (CCA) service. If the customer continues on the CCA version of this tariff, they will receive an additional 12 months of bill protection on the non-generation portion of their bill provided the transition happens before the end of the auto-transition period.

(c) Customer transitions to Net Energy Metering Successor Tariff.

(d) Customer opts out of Smart Meter™.

(Continued)

SPECIAL CONDITIONS: (Cont'd.)

3. INTERCONNECTION: Prior to receiving approval for Parallel Operation, the customer-generator must submit a completed PG&E application form and interconnection agreement as follows:

Rate Option	Application	Interconnection Agreement
NEM2S	For Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less:	
	Application - Net Energy Metering (NEM2) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less (Form **79-1151B-02**)[4]	*Agreement and Customer Authorization – Net Energy Metering (NEM2) Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less* (Form **79-1151A-02**)[4]
NEM2EXP NEM2EXPM	For Solar and/or Wind Net Energy Metering (NEM2) Generating Facilities of 1,000 Kilowatts or Less, other than Facilities of 30 Kilowatts or Less:	
	Generating Facility Interconnection Application, (Form **79-1174-02**)	*Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities of 1,000 Kilowatts or Less, other than Facilities of 30 Kilowatts or Less* (Form **79-1198-02~~978-02~~**)
	For Net Energy Metering (NEM2) non-Solar and/or Wind Generating Facilities of any size, and Solar and/or Wind Generating Facilities greater than 1,000 kW:	
	Generating Facility Interconnection Application, (Form **79-1174-02**)	*Interconnection Agreement For Net Energy Metering (NEM2) non-Solar and/or Wind Generating Facilities of any size, and Solar and/or Wind Generating Facilities greater than 1,000 kW* (Form **79-1198-02~~1137-02~~**)

[4] Both the Agreement and Customer Authorization (79-1151A-02) and Application (79-1151B-02) forms must have been submitted before PG&E will issue the Permission to Operation (PTO) letter. Information in the Application can be submitted by the Company or Customer in an electronic format, subject to approval by PG&E. (T)

(Continued)

ELECTRIC SCHEDULE NEM2
NET ENERGY METERING SERVICE

SPECIAL CONDITIONS: (Cont'd.)

3. INTERCONNECTION: (Cont'd.)

Rate Option	Application	Interconnection Agreement
NEMPS	For NEMPS (Special Condition 9) for projects that meet NEM integrity requirements	
	Generating Facility Interconnection Application, (Form **79 1174-02**)	**79-1193-02**- *AGREEMENT AND CUSTOMER AUTHORIZATION Net Energy Metering (NEM2) Interconnection For Solar And/Or Wind Electric Generating Facilities Of 30 Kilowatts Or Less with Energy Storage of 10 Kilowatts Or Less or Energy Storage with Power Control System Certification*
NEM2, NEM2EXP, NEM2A ,or NEM2MT > 1,000 kW	*Generating Facility Interconnection Application* (Form **79-1174-02**)	*Rule 21 Generator Interconnection Agreement for New Energy Metering (NEM-2) Generating Facilities Greater than 1,000 Kilowatts Interconnecting Under the Fast Track Process* (Form **79-~~1144~~1198-02**)
		Rule 21 Generator Interconnection Agreement (GIA) for Net Energy Metering (NEM2) Generating Facilities Greater than 1,000 Kilowatts Interconnecting Under the Independent Study, Distribution Study, or Transmission Cluster Process (Form **79-~~1161~~1198-02**)
NEM2MT	For customer-generators ≤ 1 MW taking service as a Multiple Tariff Facility under Special Condition 4 of this tariff:	
	Generating Facility Interconnection Application (Form **79-1174-02**)	*Generating Facility Interconnection Agreement (NEM2MT - Multiple Tariff)* (Form **79-1069-02**)
NEM2A	NEM2 Load Aggregation ≤ 1 MW	
	Along with the applicable interconnection form above, also submit:	
	NEM2 Load Aggregation Appendix (Form **79-1202**)	
NEM2CDCR	See Special Condition 7	

(Continued)

SPECIAL CONDITIONS: (Cont'd.)

6. LOAD AGGREGATION – NEM2A: (Cont'd.)

c. Billing Service Charges – An eligible customer-generator electing Load Aggregation shall remit service charges for the cost of providing billing services as follows. These charges shall include:

1) One-Time Setup Charge of $25.00 per Aggregated Account and for the Generating Account, as defined in this Special Condition, and cumulatively, shall be limited to no more than $500 per Load Aggregation Arrangement. Any change to the number of accounts included in a NEM2A arrangement is subject to this one-time fee. This Setup Charge shall be assessed without regard to the $500 limit for accounts added after the PTO date.

Plus,

2) Monthly Charge of $5 Per Aggregated Account and for the Generating Account as defined in this Special Condition.

7. CALIFORNIA DEPARTMENT OF CORRECTIONS AND REHABILITATION (CDCR)

"Eligible customer-generator" includes the Department of Corrections and Rehabilitation using a renewable electrical generation technology, or a combination of renewable electrical generation technologies, with a total capacity of not more than eight megawatts, that is located on the department's owned, leased, or rented premises, and is interconnected and operates in parallel with the electrical grid, and is intended primarily to offset part or all of the facility's own electrical requirements.

The amount of any wind generation exported to the electrical grid shall not exceed 1.35 megawatt at any time. CDCR Eligible Customer Generators are subject to Network and/or Distribution upgrade costs in accordance with Rule 21 Section D.13.e.

CDCR shall use Interconnection Application Form 79-1174-02 to apply under this Special Condition. In addition to submitting the application form, CDCR will notify PG&E at R~~r~~ule21gen@pge.com of the Generating Facility's size, and if applicable, any allocation between NEM2 and non-NEM2 generation.

(Continued)

ELECTRIC RATE SCHEDULE RES-BCT Sheet 11
SCHEDULE FOR LOCAL GOVERNMENT
RENEWABLE ENERGY SELF-GENERATON BILL CREDIT TRANSFER

SPECIAL CONDITIONS (Cont'd):

2. BILLING (Continued)

h) The True-up (continued):

If any additional Bill Credit pursuant to Special Condition 2 (c) and (d) and the previous paragraph still remains, PG&E will review the true-up bills for the Generating Account and Benefiting Accounts to determine if any charges for the generation component of the energy charge, as described in Section 2(e), remain to be credited. If yes, PG&E will apply the remaining Bill Credit to the Designated Benefiting Account (as indicated on Appendix A of Form 79-1112) equal to the lesser of: (a) these remaining charges or (b) the remaining Bill Credit. Because the Generating Account must be trued up first, it cannot be the Designated Benefiting Account unless PG&E is able to arrange for all of the Arrangement's meters to be read on the same date.

3. INTERCONNECTION

Prior to receiving approval for Parallel Operation, the Eligible RES-BCT Customer must submit a completed PG&E RES-BCT Application and interconnection documents as follows:

Rate Option	Application	Interconnection Agreement
RES-BCT	Online Rule 21 Generator Interconnection Application (79-1174-02) – replaces application in 79-1112 ~~RES-BCT Application – Form *Local Government Application for A RES-BCT Arrangement To Take Service on Rate Schedule RES-BCT With Interconnected Eligible Renewable Generation of Not More Than 5 megawatts* (Form **79-1112**). *(only one form required per Arrangement)*~~ ~~*Addendum A – Annual Solar Energy Credit Allocation Sheet*~~ ~~*Generating Facility Interconnection Application (Form 79-974)*~~ *Generating Facility Interconnection Agreement (Form 79-1191~~973~~)* *Other related interconnection documents as required by Rule 21*	
RES-BCTB	*No forms required*	

All costs associated with interconnection of an Eligible Renewable Generating Facility at the Generating Account are the responsibility of the Eligible RES-BCT Customer. For purposes of this paragraph, "interconnection" has the same meaning as defined in Public Utilities Code Section 2803, except that it applies to the interconnection of an eligible renewable generating facility rather than the energy source of a private energy producer. Costs will be as described in PG&E's Electric Rule 21.

ELECTRIC EMERGENCY PLAN ROTATING BLOCK OUTAGES FOR TRANSMISSION LEVEL CUTOMERS

For the purposes of this Section only, transmission level customers are those customers that are served from a "single customer substation" as defined in PG&E's Electric Rule 1 or without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

Transmission level customers, except for those customers meeting the CPUC's criteria for essential use or those otherwise exempt from rotating outages in accordance with CPUC Decisions, will be incorporated into PG&E's rotating outage block plan and subjected to load interruptions when rotating block outages are ordered by the ISO. PG&E will, to the extent practical, follow the applicable principles and procedures specified in PG&E's Electric Rule 14, by the CPUC, and by the ISO. To the extent feasible, PG&E will coordinate rotating outages applicable to customers who are fossil fuel producers, pipeline operators and users to minimize disruption to public health and safety. PG&E shall not include a transmission level customer in an applicable rotating outage block if the customer's inclusion would jeopardize system integrity. Transmission level customers who are not exempt from rotating outages may submit an Optional Binding Mandatory Curtailment (OBMC) Plan to PG&E in accordance with PG&E's Electric Schedule OBMC. If PG&E approves a customer's OBMC Plan, the customer will become exempt from rotating outages and will be subject to the terms and conditions of PG&E's Electric Schedule OBMC and its associated agreement.

Non-exempt transmission level customers shall be required to undergo rotating outages applicable to the customer's assigned rotating outage block by either (1) implementing the load reduction on their own initiative, in accordance with subsection a, below; or (2) having PG&E implement the load reduction through PG&E-owned remote-controlled equipment in accordance with subsection b, below. A transmission level customer shall normally be subject to the provisions of subsection a. If PG&E approves a transmission level customer's request to have PG&E implement the customer's load reduction, then the customer will be subject to the provisions of subsection b, below. If a transmission level customer subject to subsection a, below, exceeds the threshold specified in subsection c below, then the customer will be subject to the provisions of subsection c.(i) or (ii), below.

(Continued)

~~D. LIFE-SUPPORT DEVICES (Con't)~~

~~The term "life-support device" includes, but is not limited to, respirators, iron lungs, hemodialysis machines, suction machines, electric nerve stimulators, pressure pads and pumps, aerosol tents, electrostatic and ultrasonic nebulizers, compressors, IPPB machines, and motorized wheelchairs.~~

E. HEATING AND AIR CONDITIONING

Special heating and/or air-conditioning needs will qualify you for a Standard Medical Baseline Quantity under this rule only if your main source of energy for heating or air conditioning is electricity delivered by PG&E. (If your main source of energy for heating or air conditioning is gas, please see Rule 19 in the gas tariff schedule.)

F. ADDITIONAL MEDICAL BASELINE QUANTITIES

If you believe that more than the Standard Medical Baseline Quantity of 16.438 kWh per day is needed to operate the life-support device(s) in your home or maintain the temperature required by the qualifying medical condition, you may apply for additional medical quantities. Please contact PG&E at 1-800-743-5000 for assistance.

If PG&E finds that you need more than the standard 16.438 kWh per day, it will increase your daily Medical Baseline Quantity. In determining how many Additional Quantities you will be assigned, PG&E will round its calculation of your total daily kWh medical needs up to the nearest increment of 16.438 kWh.

G. MEDICAL BASELINE QUANTITIES FOR MASTER-METERED CUSTOMERS

Residential tenants of master-metered customers can also qualify for Medical Baseline Quantities. If one or more of your tenants have a medical condition that qualifies under the conditions listed above, please visit pge.com/medicalbaseline or contact your local PG&E office to find out how to apply.

If you submeter your tenants, any Medical Baseline Quantities must be passed on to the qualifying tenant(s) when you bill tenants for the electricity they use.

C. DEFINITIONS (Cont'd.)

~~**Parallel Operation:** The simultaneous operation of a Generator with power delivered or received by Distribution Provider while Interconnected. For the purpose of this Rule, Parallel Operation includes only those Generating Facilities that are Interconnected with Distribution Provider's Distribution or Transmission System for more than 60 cycles (one second).~~

~~**Paralleling Device:** An electrical device, typically a circuit breaker, operating under the control of a synchronization relay or by a qualified operator to connect an energized generator to an energized electric power system or two energized power systems to each other.~~

Party, Parties: Applicant or Distribution Provider.

Periodic Test: A test performed on part or all of a Generating Facility/Interconnection Facilities at pre-determined time or operational intervals to achieve one or more of the following: 1) verify specific aspects of its performance; 2) calibrate instrumentation; and 3) verify and re-establish instrument or Protective Function set-points.

Permissive Operation: The Smart Inverter is allowed, but not required, to operate at any current level.

Point of Common Coupling (PCC): The transfer point for electricity between the electrical conductors of Distribution Provider and the electrical conductors of Producer.

Point of Interconnection: The point where the Interconnection Facilities connect with Distribution Provider's Distribution or Transmission System. This may or may not be coincident with the Point of Common Coupling.

Pre-Construction Activities: The actions by Distribution Provider, other than those required by an Engineering and Procurement Agreement under Section F.3.f, undertaken prior to Construction Activities in order to prepare for the construction of Distribution Provider's Interconnection Facilities, Distribution Upgrades, or Network Upgrades assigned to the Interconnection Customer, including, but not limited to, preliminary engineering, permitting activities, environmental analysis, or other activities specifically needed to obtain governmental approvals for Distribution Provider's Interconnection Facilities, Distribution Upgrades, or Network Upgrades.

(Continued)

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.
Braun Blaising Smith Wynne, P.C.
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
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
Engineers and Scientists of California

GenOn Energy, Inc.
Goodin, MacBride, Squeri, Schlotz & Ritchie
Green Power Institute
Hanna & Morton
ICF
International Power Technology

Intertie

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
McClintock IP
McKenzie & Associates

Modesto Irrigation District
NLine Energy, Inc.
NRG Solar

OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Public Advocates Office

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
Uplight
Water and Energy Consulting Wellhead Electric Company
Western Manufactured Housing Communities Association (WMA)
Yep Energy