

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



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 6426E
As of March 25, 2022

Subject: Clean-up of Pacific Gas & Electric Company's Electric Forms 79-1193, 79-1193-02, and 79-1215

Division Assigned: Energy

Date Filed: 12-06-2021

Date to Calendar: 12-10-2021

Authorizing Documents: None

Disposition:	Accepted
Effective Date:	12-08-2021

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

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- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

December 6, 2021

Advice 6426-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Clean-up of Pacific Gas & Electric Company's Electric Forms 79-1193, 79-1193-02, and 79-1215

Purpose

Pacific Gas and Electric Company ("PG&E") hereby submits revisions to forms previously submitted in Advice Letter ("AL") 6273-E-A. The affected tariff sheets are listed on the enclosed Attachment 1.

The purpose of this advice letter is to revise electric forms previously submitted in PG&E AL 6273-E-A to update the instructions and to make ministerial changes. The forms submitted in AL 6426-E will replace the forms submitted in AL 6273-E-A, where appropriate.

Background and Scope of Advice Letter

On August 20, 2021, PG&E submitted AL 6273-E-A, in which it requested approval for a series of forms that asked interconnection applicants to provide certain information required by the California Public Utilities Commission ("CPUC" or "The Commission") pursuant to CPUC Decision ("D.") 21-06-026¹ Ordering Paragraph ("OP") 2.² On October

¹ [D. 21-06-026](#) - *Decision Directing Establishment of Net Energy Metering Interconnection Application Portals, and Process to Publicize and Scrutinize Solar Providers Whose Applications Have Been Found in Non-Compliance With Applicable Laws and Regulations* - Date of Issuance 6/25/2021

² D. 21-06-026 OP 2 states, "Within 30 days after the issue date of this decision, Pacific Gas and Electric Company, San Diego Gas & Electric Company, and Southern California Edison Company must submit a Tier 2 advice letter modifying their net energy metering interconnection application processes to (1) require 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; (2) require the address of any entity that finances the project, including leases, through means other than Property Assessed Clean Energy financing, if applicable; and (3) provide for customer consent

20, 2021, the Commission issued a Disposition Letter approving Advice Letter 6273-E-A with an effective date of December 17, 2021.^{3,4}

In this advice letter, PG&E proposes to modify Form 79-1215 to update outdated instructions and to remove sections within Form 79-1215 that are duplicative with other forms that PG&E submitted in AL 6273-E-A. PG&E also proposes to make minor revisions to Form 79-1193 and 79-1193-02 to correct typographical errors and to update web addresses that are not up to date. These revisions are non-substantial editorial changes to the text of a tariff.

Tariff Revisions

Forms 79-1193 and 79-1193-02

PG&E proposes to update the forms listed below to update web addresses:

1. **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
2. **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

PG&E's proposed changes to update the links are denoted in red below:

Net Surplus Compensation (NSC)⁵

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-

to disclosure of confidential information, for Commission regulatory or enforcement purposes, as a condition of interconnection.”

³ While the Commission has approved this advice letter, since the CPUC granted an effective date of December 17, 2021, the forms are not yet effective as of the date of this submittal.

⁴ Please note that while AL 6273-E-A reflects an effective date of December 17, 2021, PG&E will begin implementation of the tariffs on December 8, 2021. PG&E informed the CPUC Energy Division on November 9, 2021 that its IT implementation timeline discussed in AL 6273-E-A had been expedited and requested guidance from the CPUC concerning the effective date. The CPUC Energy Division informed PG&E that it had no concerns with the expedited timeline. Based on the Commission's guidance, while AL 6273-E-A still reflects December 17, 2021 as the effective date, PG&E will begin implementation of the tariffs in AL 6273-E-A on December 8, 2021, the date on which PG&E will deploy the changes discussed in AL6273-E-A in its online interconnection application portal, YourProjects.

⁵ This redlined section is from Form 79-1193. In Form 79-1193-02, this is Section H.

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/nscoptout-to-complete-Form-79-1130 www.pge.com/nsc and complete the [Request to Opt-Out \(Form 79-1130\)](#). Participants in NEMA, please see provisions in Form 79-1153.

PG&E also proposes to revise Form 79-1193 to fix the font color of certain words that were inadvertently made red, as shown below. PG&E will standardize the font color so that all the characters are shown in black.

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.

Form 79-1215

CPUC D. 21-06-026 OP 2 required the California Investor-Owned Utilities⁶ to collect three pieces of information during the interconnection application process. PG&E created a new Form 79-1215, which initially included instructions for providing this information through its previous online interconnection application portals, SNEM and ACE-IT. Since the submittal of AL 6273-E-A, however, PG&E has transitioned into a consolidated online interconnection application portal, YourProjects. Therefore, PG&E is seeking to remove information in Form 79-1215 that referred to these outdated interconnection application portals.

In addition, PG&E is modifying Form 79-1215 to delete information already requested in other forms submitted in PG&E AL 6273-E-A and approved by the Commission. Pursuant to CPUC D. 21-06-026, Form 79-1215 previously also included requests for applicants to provide the Home Improvement Salesperson registration number, if available, and the address of any entity that finances the project, including leases, through means other than Property Assessed Clean Energy financing. However, upon a recent review of our forms, PG&E noted this information is already requested in PG&E Forms 79-1151B, 79-1151B-02, and 79-1174-02D, which were also submitted in PG&E AL 6273-E-A and approved by the Commission. PG&E is now seeking to streamline its forms and eliminate these redundancies by removing these fields from Form 79-1215. For your convenience, PG&E has included the redline revisions in Attachment 2.

⁶ The IOUs consist of Pacific Gas and Electric Company, Southern California Edison Company and San Diego Gas & Electric Company.

Overall, PG&E is not making changes to the purpose or criteria of these forms, but instead merely updating these forms to reflect new information and to consolidate form language that has already been submitted and approved by the Commission, or to update outdated web addresses.

The submittal would not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

Protests

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

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than December 27, 2021, which is 21⁷ days after the date of this submittal. Protests must be submitted to:

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

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

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

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

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

⁷ The 20-day protest period concludes on a weekend, therefore, PG&E is moving this date to the following business day.

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

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

Effective Date

Pursuant to General Order (GO) 96-B, Rule 5.1, PG&E requests that this Tier 1 advice submittal become effective on December 8, 2021, to coincide with planned implementation of the CPUC's directives pursuant to D.21-06-026 into PG&E's online application portal, YourProjects.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for R. 14-07-002 (NEM Successor) and R. 20-08-020. 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:

Attachment 1: Tariffs
Attachment 2: Redline Tariff Revisions

cc: Service Lists R.14-07-002 and R. 20-08-020



ADVICE LETTER SUMMARY

ENERGY UTILITY



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

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

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Kimberly Loo

Phone #: (415)973-4587

E-mail: PGETariffs@pge.com

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

EXPLANATION OF UTILITY TYPE

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 6426-E

Tier Designation: 1

Subject of AL: Clean-up of Pacific Gas & Electric Company's Electric Forms 79-1193, 79-1193-02, and 79-1215

Keywords (choose from CPUC listing): Forms

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: 12/8/21

No. of tariff sheets: 5

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

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

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

Tariff schedules affected: See Attachment 1

Service affected and changes proposed¹: N/A

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

¹Discuss in AL if more space is needed.

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

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

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

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

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
52224-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	49296-E
52225-E	Electric Sample Form No. 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 Sheet 1	49297-E
52226-E	Electric Sample Form No. 79-1215 Net Energy Metering Online Application Addendum for Consumer Protection Sheet 1	
52227-E	ELECTRIC TABLE OF CONTENTS Sheet 1	52220-E
52228-E	ELECTRIC TABLE OF CONTENTS Sheet 29	50641-E



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)

Advice 6426-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

December 6, 2021
December 8, 2021



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

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):

<input type="checkbox"/> Residential	<input type="checkbox"/> Educational
<input type="checkbox"/> Commercial	<input type="checkbox"/> Military
<input type="checkbox"/> Industrial	<input type="checkbox"/> Other Government
<input type="checkbox"/> Non-Profit	

Account Holder Name* (Individual or Company)	Electric Service Agreement ID *	Meter Number*
Service Address*	City*	State CA 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
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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

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.



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

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 (2 or 3) + (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



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 http://www.pge.com/tariffs/tm2/pdf/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.



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

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.



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

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.



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

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

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. 79-1193-02

Sheet 1

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

Please Refer to Attached Sample Form

(Continued)

Advice Decision 6426-E

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted December 6, 2021
Effective December 8, 2021
Resolution



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

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 or participants in the Demand Response Programs below are not eligible to participate in NEM2.
 - 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 NEM2 program.

Part I – Generating Facility Information and Responsible Parties

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

Standard NEM2 Agreement Type: Single Account Multiple Aggregated Accounts

Note: Net Energy Metering Aggregation 2 (NEM2A) is a program that allows customers with multiple meters to use the renewable energy generated at one meter 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.

Customer Sector (check only one):

<input type="checkbox"/> Residential	<input type="checkbox"/> Educational
<input type="checkbox"/> Commercial	<input type="checkbox"/> Military
<input type="checkbox"/> Industrial	<input type="checkbox"/> Other Government
<input type="checkbox"/> Non-Profit	

Account Holder Name* (Individual or Company) _____ Electric Service Agreement ID * _____ Meter Number* _____

Service Address* _____ City* _____ State CA Zip* _____

Customer Phone Number _____ Email (if blank, Permission to Operate (PTO) letter will be mailed to mailing address on record) _____

Is there an electric vehicle charging on site at the above service address? Yes No
 If yes, please indicate how many electric vehicles _____

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 _____

Please complete this agreement in its entirety

† 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 A.



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

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 – NEM2 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.

NEM2 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. All NEM2 customers must take service on a Time-of-Use rate schedule and sizing your system to offset 80%-85% of your average electricity usage could be an effective way to minimize your electricity bill^A. 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.](#)"

^A Customers on rate schedules such as ET, ES, and ESR, which do not have a corresponding TOU Rate, are not required to switch to TOU rates, unless and until such a rate becomes available.

Please complete this agreement in its entirety



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

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^B _____ (kW) X 1,500^C = _____ (kWh)

AND/OR (2) Wind Nameplate rating _____ (kW) X 2,190^D = _____ (kWh)

(3) Total Energy Production _____ (1) + (2) = _____ (kWh)

Estimated Annual Energy Usage:

(Solar systems ≤ 5 kW (CEC-AC) do not need to complete this section)

(4) Recent annual usage _____ (kWh) X 1.0 = _____ (kWh)

OR (If 12 months usage not available) (5) Building size _____ (sq ft) X 3.00^E = _____ (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 H 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 Rating _____ kW

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

If not, please provide:

^B 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
^C 8,760 hrs/yr x 0.17123 solar capacity factor = 1,500
^D 8,760 hrs/yr x 0.25 wind capacity factor = 2,190
^E 2 watts/ sq ft x 1/1,000 watts x 8,760 hrs/yr x 0.17123 solar capacity factor = 3.00

Please complete this agreement in its entirety



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

Energy Storage Inverter Rating _____ kW

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 NEM2 Account: Select one rate from the category applicable to you. NEM2 residential customers must be an applicable time-of-use rate^F schedule. If you are currently on a rate that is no longer open to new customers and are opting to move to a different rate, by signing this Agreement and Customer Authorization you are acknowledging that you are leaving the current rate and will not be able to return to this rate in the future. Visit www.pge.com/rateoptions or call (800)-PGE-5000 for rate information.

- Stay on existing rate
- Requested new rate _____

Part IV – Interconnection Agreement Provisions

A. Applicability

This Agreement applies to Electric Schedule NEM2 Customer-Generators (Customer) who interconnect a solar and/or wind turbine electric 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.

B. 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.

C. 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 electric 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.

D. Safe Operation of your Generating Facility

^F Schedules such as ES, ESR or ET, which have no available corresponding time-of-use rate, are not required to switch to time-of-use rates, unless and until such a rate becomes available.

Please complete this agreement in its entirety



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

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 electric 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.

E. 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.

F. Rate

Customer has confirmed their otherwise applicable rate schedule (OAS) to establish how the 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.

G. NEM2 Billing

The Customer's meter separately measures exports and imports.

The meter is read monthly and an amount is calculated based on the net energy (kWh) and total energy(kWh) exports recorded in kilowatt hours (kWh). If a customer exported more electricity than they drew from the energy supplier in a given billing cycle, the amount is deemed a surplus. If a customer received more electricity from the energy supplier 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.

Additionally, the Customer will be billed for non-bypassable charges on all imports from the grid, as describe in Schedule NEM2 Special Condition 2.

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 NEM2 billing is available at www.pge.com/nembilling.

H. Net Surplus Compensation (NSC)

NSC payments are made to NEM2 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 NEM2A, please see provisions in *NEM2 Load Aggregation Appendix (Form 79-1153)*.



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

I. 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.

J. 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.

K. 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.

L. 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 NEM2.

M. Meter Access

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

N. 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 NEM2.

O. CEC Listed

In order to promote the safety and reliability of the customer's Generating Facility, the applicant certifies that as a part its 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.

P. Warranties or Service Agreements

Applicant certifies as a part of its 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.



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

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 application⁶ 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. A 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.

⁶ 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.

Please complete this agreement in its entirety



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

Part V – Signature

IMPORTANT INFORMATION FOR CUSTOMERS – BE SURE TO READ THE FULLY POPULATED DOCUMENT BEFORE SIGNING – THIS IS A LEGALLY BINDING CONTRACT – READ IT CAREFULLY. THIS FORM MUST BE SIGNED BY THE EXISTING PG&E CUSTOMER LISTED IN PART I.

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 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”).

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)

Please complete this agreement in its entirety



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

Note: PG&E can request additional documentation to verify the authenticity of the externally signed Agreement and Customer Authorization.

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 NEM2 requirements.



Electric Sample Form No. 79-1215
Net Energy Metering Online Application Addendum for Consumer Protection

Sheet 1

(N)

(N)

**Please Refer to Attached
Sample Form**

(Continued)

Advice 6426-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

December 6, 2021
December 8, 2021

NET ENERGY METERING APPLICATION ADDENDUM FOR CONSUMER PROTECTION

Pursuant to California Public Utilities Commission (“CPUC”) Decision 21-06-026, PG&E has been directed to collect certain information as part of the net energy metering interconnection application process.

NEMEXP and NEMMT Applicants Using the YourProjects Portal

If you are a residential solar applicant who applied for the Expanded NEM (NEMEXP or NEM2EXP) or NEM Multiple Tariffs (NEMMT or NEM2MT) programs, please fill out this form and upload it in the document uploads section marked “Consumer Protection NEM Addendum.”

Criteria

Please review PG&E’s [SOLAR NEM CONSUMER PROTECTION REQUIREMENTS](#) to confirm whether this applies to you.

The following are *exempt* from these Consumer Protection requirements:

- Self-installers
- Non-residential
- NEM load aggregation (NEMA) if all meters are non-residential
- Existing solar customers ONLY adding battery storage
- Residential solar interconnection applicants for new home construction, multi-family buildings, or for solar thermal systems
- Existing residential single-family-home applicants with a contract to install solar signed on or before September 29, 2019.

NOTE: If you do not meet the criteria outlined above, the Consumer Protection documents are mandatory.

Part I – Generating Facility Information and Responsible Parties

Customer and Generating Facility Information (*as it appears on the PG&E bill): (to associate this addendum to your application)

Account Holder Name* (Individual or Company)	Electric Service Agreement ID *	Meter Number*
Service Address*	City*	CA State Zip*
Customer Phone Number	Email	

Part II – Signature

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”). I authorize 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.

Customer Signature _____

Customer Name _____

Please complete this agreement in its entirety

† 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 A.



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Sheet 1

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(Continued)

Advice 6426-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

December 6, 2021
December 8, 2021



ELECTRIC TABLE OF CONTENTS

Sheet 29

FORM	TITLE OF SHEET	CAL P.U.C. SHEET NO.
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79-1190	Virtual Net Energy Metering (NEM2V) Interconnection Agreement for a Solar (PV) or Wind Generating Facility of 1 MW or Less.....	49232-E
79-1192	Interconnection Agreement for Non-Export Storage Generating Facilities 500KW or Less.....	50573-E
79-1193	Agreement and Customer Authorization Net Energy Metering Interconnection for Solar and/or Wind Electric Generating Facilities of 30 Kilowatts or Less Paired with Energy Storage of 10 Kilowatts or Less	52224-E (T)
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 Paired with Energy Storage of 10 Kilowatts or Less	52225-E (T)
79-1195	Eligible Low Income Development Virtual Net Energy Metering (NEMVMASH) Interconnection Agreement for Multifamily Affordable Housing with Solar Generation Totaling 1 MW or Less.....	48674-E
79-1196	Virtual Net Energy Metering (NEMV) Interconnection Agreement for Solar (PV) or Wind Generation Totaling 1 MW or Less.....	48675-E
79-1202	Load Aggregation Appendix	49235-E
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79-1215	Net Energy Metering Online Application Addendum for Consumer Protection.....	52226-E (N)
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Street, Highway, and Area Lighting		
79-938	Customer-Owned Streetlights Pacific Gas and Electric Company Pole Contract Agreement.....	48695-E
79-1007	Request to Install or Energize Street Light Schedule: LS-1, LS-2 and OL-1. Energy Billing Information for Initial and Subsequent Installations	48560-E
79-1008	Request to De-Energize or Remove Street Light Schedule: LS-1, LS-2 and OL-1 Energy Billing Information	48561-E
79-1048	Agreement for Unmetered Low Wattage Equipment Connected to Customer-Owned Street Light Facilities	48577-E
79-1048A	Agreement for Unmetered Low Wattage Equipment Connected to Customer-Owned Street Light Facilities	45534-E
79-1078	Attachment A to Agreement for Unmetered Electric Service to Wireless Devices Energized by Connection to Pacific Gas and Electric Company Street Light Facilities	49225-E
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79-1129	Special Contract for Unmetered Service Agreement for Energy Use Adjustments for Network Controlled Dimmable Streetlights Limited Pilot Program	48615-E
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79-759	Supplemental Agreement for As-Available Capacity	48688-E
79-1111	Optimal Billing Period Service Election Form	48601-E
79-1154	Agreement for Economic Development Rate on Electric Service.....	48637-E

(Continued)

Advice 6426-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

December 6, 2021
December 8, 2021

Attachment 2

Redline Tariff Revisions

The redline revisions show changes being made from the approved versions of Electric Forms 79-1193, 79-1193-02, and 79-1215 that were submitted in AL 6273-E-A.



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)

Advice 6426-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

December 6, 2021
December 8, 2021



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

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):

<input type="checkbox"/> Residential	<input type="checkbox"/> Educational
<input type="checkbox"/> Commercial	<input type="checkbox"/> Military
<input type="checkbox"/> Industrial	<input type="checkbox"/> Other Government
<input type="checkbox"/> Non-Profit	

Account Holder Name* (Individual or Company)	Electric Service Agreement ID *	Meter Number*
Service Address*	City*	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
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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

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.



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

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 (2 or 3) + (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



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 http://www.pge.com/tariffs/tm2/pdf/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.



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

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.



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

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/nscoptout-to-complete-Form-79-1130, 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.



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

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

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. 79-1193-02

Sheet 1

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

**Please Refer to Attached
Sample Form**

(Continued)

Advice 6426-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted December 6, 2021
Effective December 8, 2021
Resolution



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

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 or participants in the Demand Response Programs below are not eligible to participate in NEM2.
 - 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 NEM2 program.

Part I – Generating Facility Information and Responsible Parties

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

Standard NEM2 Agreement Type: Single Account Multiple Aggregated Accounts

Note: Net Energy Metering Aggregation 2 (NEM2A) is a program that allows customers with multiple meters to use the renewable energy generated at one meter 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.

Customer Sector (check only one):

<input type="checkbox"/> Residential	<input type="checkbox"/> Educational
<input type="checkbox"/> Commercial	<input type="checkbox"/> Military
<input type="checkbox"/> Industrial	<input type="checkbox"/> Other Government
<input type="checkbox"/> Non-Profit	

Account Holder Name* (Individual or Company) _____ Electric Service Agreement ID * _____ Meter Number* _____

Service Address* _____ City* _____ State CA Zip* _____

Customer Phone Number _____ Email (if blank, Permission to Operate (PTO) letter will be mailed to mailing address on record) _____

Is there an electric vehicle charging on site at the above service address? Yes No
 If yes, please indicate how many electric vehicles _____

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 _____

Please complete this agreement in its entirety

† 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 A.



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

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 – NEM2 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.

NEM2 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. All NEM2 customers must take service on a Time-of-Use rate schedule and sizing your system to offset 80%-85% of your average electricity usage could be an effective way to minimize your electricity bill^A. 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.](#)"

^A Customers on rate schedules such as ET, ES, and ESR, which do not have a corresponding TOU Rate, are not required to switch to TOU rates, unless and until such a rate becomes available.

Please complete this agreement in its entirety

Automated Document, Preliminary Statement, Part A.



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

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^B _____ (kW) X 1,500^C = _____ (kWh)

AND/OR (2) Wind Nameplate rating _____ (kW) X 2,190^D = _____ (kWh)

(3) Total Energy Production _____ (1) + (2) = _____ (kWh)

Estimated Annual Energy Usage:

(Solar systems ≤ 5 kW (CEC-AC) do not need to complete this section)

(4) Recent annual usage _____ (kWh) X 1.0 = _____ (kWh)

OR (If 12 months usage not available) (5) Building size _____ (sq ft) X 3.00^E = _____ (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 H 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 Rating _____ kW

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

If not, please provide:

^B 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
^C 8,760 hrs/yr x 0.17123 solar capacity factor = 1,500
^D 8,760 hrs/yr x 0.25 wind capacity factor = 2,190
^E 2 watts/ sq ft x 1/1,000 watts x 8,760 hrs/yr x 0.17123 solar capacity factor = 3.00

Please complete this agreement in its entirety



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

Energy Storage Inverter Rating _____ kW

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 NEM2 Account: Select one rate from the category applicable to you. NEM2 residential customers must be an applicable time-of-use rate^F schedule. If you are currently on a rate that is no longer open to new customers and are opting to move to a different rate, by signing this Agreement and Customer Authorization you are acknowledging that you are leaving the current rate and will not be able to return to this rate in the future. Visit www.pge.com/rateoptions or call (800)-PGE-5000 for rate information.

- Stay on existing rate
- Requested new rate _____

Part IV – Interconnection Agreement Provisions

A. Applicability

This Agreement applies to Electric Schedule NEM2 Customer-Generators (Customer) who interconnect a solar and/or wind turbine electric 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.

B. 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.

C. 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 electric 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.

D. Safe Operation of your Generating Facility

^F Schedules such as ES, ESR or ET, which have no available corresponding time-of-use rate, are not required to switch to time-of-use rates, unless and until such a rate becomes available.

Please complete this agreement in its entirety



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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 electric 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.

E. 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.

F. Rate

Customer has confirmed their otherwise applicable rate schedule (OAS) to establish how the 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.

G. NEM2 Billing

The Customer's meter separately measures exports and imports.

The meter is read monthly and an amount is calculated based on the net energy (kWh) and total energy(kWh) exports recorded in kilowatt hours (kWh). If a customer exported more electricity than they drew from the energy supplier in a given billing cycle, the amount is deemed a surplus. If a customer received more electricity from the energy supplier 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.

Additionally, the Customer will be billed for non-bypassable charges on all imports from the grid, as describe in Schedule NEM2 Special Condition 2.

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 NEM2 billing is available at www.pge.com/nembilling.

H. Net Surplus Compensation (NSC)

NSC payments are made to NEM2 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/nscoptout to complete Form 79-1130 www.pge.com/nsc and complete the Request to Opt-Out (Form 79-1130). -Participants in NEM2A, please see provisions in *NEM2 Load Aggregation Appendix (Form 79-1153)*.



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

I. 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.

J. 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.

K. 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.

L. 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 NEM2.

M. Meter Access

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

N. 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 NEM2.

O. CEC Listed

In order to promote the safety and reliability of the customer's Generating Facility, the applicant certifies that as a part its 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.

P. Warranties or Service Agreements

Applicant certifies as a part of its 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.



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

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 application⁶ 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. A 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.

⁶ 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.

Please complete this agreement in its entirety

Automated Document, Preliminary Statement, Part A.



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

Part V – Signature

IMPORTANT INFORMATION FOR CUSTOMERS – BE SURE TO READ THE FULLY POPULATED DOCUMENT BEFORE SIGNING – THIS IS A LEGALLY BINDING CONTRACT – READ IT CAREFULLY. THIS FORM MUST BE SIGNED BY THE EXISTING PG&E CUSTOMER LISTED IN PART I.

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 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”).

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)

Please complete this agreement in its entirety



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

Note: PG&E can request additional documentation to verify the authenticity of the externally signed Agreement and Customer Authorization.

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 NEM2 requirements.



Electric Sample Form No. 79-1215
Net Energy Metering Online Application Addendum for Consumer Protection

Sheet 1

(N)

(N)

**Please Refer to Attached
Sample Form**

(Continued)

Advice 6426-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

December 6, 2021
December 8, 2021

NET ENERGY METERING APPLICATION ADDENDUM FOR CONSUMER PROTECTION

Pursuant to California Public Utilities Commission (“CPUC”) Decision 21-06-026, PG&E has been directed to collect certain information as part of the net energy metering interconnection application process.

~~SNEM/ACE-IT Application Portal Users~~

~~If you are a residential solar customer, please fill out this form, merge it with your Solar Installation Contract so that it is 1 single PDF, then upload the package to PG&E’s application portal (PG&E’s ACE-IT or SNEM portals, as may be appropriate for your project) in the “Solar Installation Contract” document section.~~

- ~~• **Please note: the Solar Installation Contract field can only accommodate 1 document, so please consolidate your Solar Installation Contract and this form into 1 single document before uploading.**~~

NEMEXP and NEMMT YourProjects/SmartConnect Applicants Using the ~~tion~~ YourProjects Portal Users

If you are a residential solar ~~customer applicant~~ who applied for the Expanded NEM (NEMEXP or NEM2EXP) or NEM Multiple Tariffs (NEMMT or NEM2MT) programs, please fill out this form and upload it in the document uploads section marked “Consumer Protection NEM Addendum.”

Criteria

Please review PG&E’s [SOLAR NEM CONSUMER PROTECTION REQUIREMENTS](#) to confirm whether this applies to you.

*The following are **exempt** from these Consumer Protection requirements:*

- *Self-installers*
- *Non-residential*
- *NEM load aggregation (NEMA) if all meters are non-residential*
- *Existing solar customers ONLY adding battery storage*
- *Residential solar interconnection applicants for new home construction, multi-family buildings, or for solar thermal systems*
- *Existing residential single-family-home applicants with a contract to install solar signed on or before September 29, 2019.*

NOTE: *If you do not meet the criteria outlined above, the Consumer Protection documents are mandatory.*

Please complete this agreement in its entirety

† 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 A.

NET ENERGY METERING APPLICATION ADDENDUM

Part I – Generating Facility Information and Responsible Parties

Customer and Generating Facility Information (*as it appears on the PG&E bill): (to associate this addendum to your application)

Account Holder Name* (Individual or Company)	Electric Service Agreement ID *	Meter Number*
Service Address*	City*	CA State Zip*
Customer Phone Number	Email	

~~C.^ASystem Owner~~

~~Did you indicate in your application that your project is Property Assessed Clean Energy (PACE) Financed?~~

~~Yes No~~

~~If you checked "No" above, indicating that you have financed your project through means other than PACE financing, or if you have financed through a lease, please fill in the information below.~~

Financial Institution/Lessor Name			
Financial Institution/Lessor Address	City	State	Zip

^A Numbering corresponds to fields in PG&E Forms 79-1151A-02 and 79-1151B-02.

NET ENERGY METERING APPLICATION ADDENDUM

Part I – Generating Facility Information and Responsible Parties – Continued

E. Contractor Information

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: _____

Part II – Signature

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”). I authorize 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.

Customer Signature _____

Customer Name _____

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

AT&T
Albion Power Company

Alta Power Group, LLC
Anderson & Poole

Atlas ReFuel
BART

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

California Hub for Energy Efficiency
Financing

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

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

Chevron Pipeline and Power
City of Palo Alto

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

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

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

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

Green Power Institute
Hanna & Morton
ICF
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
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
Water and Energy Consulting Wellhead
Electric Company
Western Manufactured Housing
Communities Association (WMA)
Yep Energy