

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



**Pacific Gas & Electric Company**  
**ELC (Corp ID 39)**  
**Status of Advice Letter 6995E**  
**As of July 1, 2024**

Subject: Modifications to PG&E's Interconnection Application Form 79-1174-03 Attachment A to Enhance Customer Experience for New Construction Interconnection Applicants

Division Assigned: Energy

Date Filed: 07-21-2023

Date to Calendar: 07-26-2023

Authorizing Documents: None

|                        |                   |
|------------------------|-------------------|
| <b>Disposition:</b>    | <b>Accepted</b>   |
| <b>Effective Date:</b> | <b>07-24-2023</b> |

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

[edtariffunit@cpuc.ca.gov](mailto:edtariffunit@cpuc.ca.gov)

AL Certificate Contact Information:

Kimberly Loo

(279)789-6209

[PGETariffs@pge.com](mailto: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- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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](mailto:edtariffunit@cpuc.ca.gov)**



July 21, 2023

**Advice 6995-E**

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

**Subject:      Modifications to PG&E’s Interconnection Application Form 79-1174-03  
Attachment A to Enhance Customer Experience for New Construction  
Interconnection Applicants**

**Purpose**

Pacific Gas and Electric Company (PG&E) hereby submits this Tier 1 advice letter to propose a modification to PG&E’s existing Form 79-1174-03 Attachment A, PG&E’s Interconnection Application, Attachment A, *Customer and Project Information*, to implement procedural changes to enhance customer experience around commercial new construction projects. The proposed change is in support of the *2022 Building Energy Efficiency Standards for Residential and Nonresidential Buildings, Pursuant to Title 24, Part 6, and Associated Administrative Regulations in Part 1*,<sup>1</sup> and the Working Group 4 Decision, Decision (D.) 21-06-002 Ordering Paragraphs (OP) 15 and 16 concerning Zero Net Energy.<sup>2</sup> This change will also be reflected in PG&E online application portal, [Your Projects](#).

**Background**

**Title 24**

Title 24 of the California Code of Regulations, known as the California Building Standards Code, “governs the design and construction of all building occupancies and associated facilities and equipment throughout California.”<sup>3</sup>

In 2022, the California Energy Commission issued the *2022 Building Energy Efficiency Standards for Residential and Nonresidential Buildings, Pursuant to Title 24, Part 6, and Associated Administrative Regulations in Part 1*. Section 140.10, “Prescriptive Requirements For Photovoltaic and Battery Storage Systems,” stated:

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<sup>1</sup> Available at: [2022 Building Energy Efficiency Standards for Residential and Nonresidential Buildings: For the 2022 Building Energy Efficiency Standards Title 24, Part 6, and Associated Administrative Regulations in Part 1 | California Energy Commission](#)

<sup>2</sup> Decision (D.) 21-06-002, p. 92, Ordering Paragraphs (OP) 15, 16 (June 4, 2021).

<sup>3</sup> Available at: [Guide To Title 24 \(ca.gov\)](#)

(a) **Photovoltaic requirements.** All newly constructed building types specified in Table 140.10-A, or mixed occupancy buildings where one or more of these building types constitute at least 80 percent of the floor area of the building, shall have a newly installed photovoltaic (PV) system meeting the minimum qualification requirements of Reference Joint Appendix JAll. The PV size in kW de shall be not less than the smaller of the PV system size determined by Equation 140.10-A, or the total of all available Solar Access Roof Areas (SARA) multiplied by 14 W/ft<sup>2</sup> •

### **Rulemaking 17-07-007 and Working Group 4**

On July 13, 2017, the California Public Utilities Commission (“CPUC” or “Commission”) adopted Order Instituting Rulemaking (R.) 17-07-007 to consider refinements to Electric Tariff Rule 21 of Pacific Gas and Electric Company (PG&E), San Diego Gas & Electric Company (SDG&E), and Southern California Edison Company (SCE) (jointly, the “Utilities”) regarding the interconnection of distributed energy resources.<sup>4</sup> As stated by the CPUC, the primary objective of this proceeding is to streamline the interconnection application process.<sup>5</sup>

Working Group 4 (WG 4) began meeting on February 12, 2020 and subsequently held twelve meetings to address the issues identified. On August 13, 2020, the final Working Group Four Report<sup>6</sup> (WG 4 Report) was filed.

### **Decision (D.) 21-06-002 and Implementation of Zero Net Energy Requirements**

On June 4, 2021, the CPUC issued D. 21-06-002, which considers proposals recommended to resolve each of WG4’s assigned issues as well as two other issues that were not included in Working Group Four. These issues included Issue 19, “Streamlined Interconnection for Zero Net Energy Projects,” which contemplated “whether the Commission should adopt streamline interconnection procedures to facilitate implementation of California zero net energy (ZNE) building codes<sup>7</sup> and what those procedures would entail.”

The CPUC adopted Proposals 19a and Proposal 19b in D. 21-06-002. Proposal 19a would enable residential home builders to submit an interconnection application based on a street address and without a meter number, and Proposal 19b would enable residential home development builders to submit applications for multiple units through a single submission or through a batch process.

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<sup>4</sup> The Rule 21 tariff describes the interconnection, operating, and metering requirements for certain generating and storage facilities seeking to connect to the electric distribution system. Rule 21 provides customers access to the electric grid to install generating or storage facilities while protecting the safety and reliability of the distribution and transmission systems at the local and system levels. See Order Instituting Rulemaking (R.) 17-07-007, p. 2 (July 21, 2017).

<sup>5</sup> D. 21-06-002 p.2.

<sup>6</sup> Available at: [Working Group 4 Report](#).

<sup>7</sup> D. 21-06-002, p. 51, citing WG 4 Report, p. 49 (“A zero net energy building is defined as an energy-efficient building where the annual consumed energy is less than or equal to the renewable energy produced onsite.”).

Correspondingly, these proposals were addressed in D. 21-06-002 OPs 15 and 16. OP 15 provides that PG&E allow residential home builders to submit interconnection applications based on street address instead of meter number or account number.<sup>8</sup> OP 16 further provides that PG&E allow residential home builders with multiple units (e.g., subdivision developments) to submit one interconnection application for all units.<sup>9</sup>

On October 15, 2021, PG&E submitted [Advice Letter \(AL\) 6337-E](#), requesting approval for Form 79-1216, a new consolidated application form<sup>10</sup> for new service or projects that serves all Applicant and Facility types (Residential, Agricultural, Commercial, Industrial, Public Agencies, Residential, or Telecommunications Companies, and two forms, Form 79-1217 and Form 79-1218, representing Assignment and Customer Agreement for new residential customers.<sup>11</sup> The Commission approved PG&E AL 6337-E on December 14, 2021, making the forms effective as of December 20, 2021.

### **Requested Form Changes**

PG&E anticipates a greater need for greenfield generation paired with load, potentially in connection with the 2022 Title 24 initiatives, as well as the Working Group 4 ZNE requirements. In response, PG&E proposes a modification to one of our filed forms to improve customer experience for non-residential customers by streamlining the process by which non-residential customers apply for interconnection for new construction.

In support of enhancements PG&E is making to its online interconnection application portal, *Your Projects*,<sup>12</sup> PG&E proposes to update Form 79-1174-03A, “Interconnection Application, Attachment A, Customer and Project Information,” to streamline the interconnection application process and improve the *Your Projects* user interface for non-residential new construction customers. Commercial non-residential customers will now

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<sup>8</sup> D. 21-06-002, p. 92, OP 15 (“Proposal 19a shall be implemented by December 31, 2021. The interconnection Application process, Rule 21, shall be revised to enable residential home builders to submit Interconnection applications in their name based on street address. A meter number or account number shall no longer be required for an Interconnection application for new construction.”).

<sup>9</sup> D. 21-06-002, p. 92, OP 16 (“Proposal 19b is adopted and shall be implemented by December 31, 2021. The Interconnection Application process, Rule 21, shall be revised to enable residential home builders with multiple units to submit one Interconnection application for all units combined or multiple applications via a batch application process.”).

<sup>10</sup> Available at: [Form 79-1216](#) – *Application For New Service or Project*.

<sup>11</sup> Available at: [Form 79-1217-03](#) – *Agreement and Customer Authorization Net Billing Tariff (NBT) 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 For New Residential Construction*, and [Form 79-1218](#) – *Agreement And Customer Authorization Net Energy Metering (NEM2) Interconnection For Solar And/Or Wind Electric Generating Facilities Of 30 Kilowatts Or Less For New Residential Construction*.

<sup>12</sup> Available at: <https://yourprojects-pge.com/login>.

be able to apply for interconnection using the same process that ZNE residential customers currently use.<sup>13</sup>

Specifically, PG&E proposes to add a footnote (underlined below) denoting that certain options are no longer relevant to ZNE non-residential customers and to refer to Form 79-1216 instead. This advice letter proposes to modify Form 79-1174-03A as follows:

**Please check all that apply:**

- A New Generating Facility interconnection (at an existing service).
- Upgrade existing Generating Facility with previous approval by PG&E (adding PV panels, adding energy storage as an addition or enhancement, changing inverters/turbines or changing load and/or operations).
- A New Generating Facility and New Load Service.<sup>2</sup>

<sup>2</sup> Zero Net Energy (ZNE) participants applying to interconnect generation under the Expanded NBT/NEM and Large Paired Storage, NEM Fuel Cell, NBT/NEM Multiple Tariff, and Non-Export programs can apply for both load and generator interconnection using Form 79-1216 (represented in the Your Projects online interconnection application portal). As such, the "New Generating Facility and New Load Service" option in Form 79-1174-03A is no longer relevant.

PG&E includes these Form 79-1174-03A revisions in Attachment 1. For convenience of the reader, PG&E has also included redline revisions in Attachment 2.

### **Protests**

Anyone wishing to protest this submittal may do so by letter sent electronically via E-mail, no later than August 10, 2023, which is 20 days after the date of this submittal. Protests must be submitted to:

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

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

Sidney Bob Dietz II  
Director, Regulatory Relations  
c/o Megan Lawson  
E-mail: PGETariffs@pge.com

<sup>13</sup> Please refer to user guides on PG&E's Your Projects interconnection application website or to [Form 79-1216](#) (*Application For New Service or Project*).

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

### **Effective Date**

Pursuant to General Order (GO) 96-B, Rule 5.2, this advice letter is submitted with a Tier 1 designation. PG&E requests that this Tier 1 advice submittal become effective on July 21, 2023 to coincide with planned implementation of these updates into PG&E's online application portal, *Your Projects*.

### **Notice**

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically to parties shown on the attached list and the parties on the service list for R. 11-09-011 and R. 17-07-007. 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  
CPUC Communications

### **Attachments:**

Attachment 1: Tariff  
Attachment 2: Redline Tariff Revisions

cc: Service List R. 11-09-011 and R. 17-07-007



# ADVICE LETTER SUMMARY

## ENERGY UTILITY



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

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39 E)

Utility type:

- ELC       GAS       WATER  
 PLC       HEAT

Contact Person: Kimberly Loo

Phone #: (279)789-6209

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) #: 6995-E

Tier Designation: 1

Subject of AL: Modifications to PG&E's Interconnection Application Form 79-1174-03 Attachment A to Enhance Customer Experience for New Construction Interconnection Applicants

Keywords (choose from CPUC listing): Compliance

AL Type:  Monthly  Quarterly  Annual  One-Time  Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #:

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

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

Confidential treatment requested?  Yes  No

If yes, specification of confidential information:

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

Resolution required?  Yes  No

Requested effective date: 7/21/23

No. of tariff sheets: 3

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

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

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

Tariff schedules affected: See Attachment 1

Service affected and changes proposed<sup>1</sup>: N/A

Pending advice letters that revise the same tariff sheets: 6960-E

<sup>1</sup>Discuss in AL if more space is needed.

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

California Public Utilities Commission  
Energy Division Tariff Unit Email:  
[EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

Contact Name: Sidnev Bob Dietz II. c/o Megan Lawson  
Title: Director, Regulatory Relations  
Utility/Entity Name: Pacific Gas and Electric Company  
  
Telephone (xxx) xxx-xxxx:  
Facsimile (xxx) xxx-xxxx:  
Email: PGETariffs@pge.com

Contact Name:  
Title:  
Utility/Entity Name:  
  
Telephone (xxx) xxx-xxxx:  
Facsimile (xxx) xxx-xxxx:  
Email:

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

Clear Form

| <b>Cal P.U.C.<br/>Sheet No.</b> | <b>Title of Sheet</b>   | <b>Cancelling<br/>Cal P.U.C.<br/>Sheet No.</b> |
|---------------------------------|---|--|
| 56340-E                         | Electric Sample Form No. 79-1174-03A<br>Interconnection Application, Attachment A, Customer and Project<br>Information<br>Sheet 1 | 55486-E  |
| 56341-E                         | ELECTRIC TABLE OF CONTENTS<br>Sheet 1   | 56120-E  |
| 56342-E                         | ELECTRIC TABLE OF CONTENTS<br>Sheet 25  | 56317-E  |



**Electric Sample Form No. 79-1174-03A**  
Interconnection Application, Attachment A, Customer and Project Information

Sheet 1

**Please Refer to Attached  
Sample Form**



# INTERCONNECTION APPLICATION (Form 79-1174-03) ATTACHMENT A CUSTOMER AND PROJECT INFORMATION

## Part I - Selecting the Study Process

Please check one:

- Fast Track Process<sup>1</sup>.
- Detailed Study
  - Will be either an Independent Study Process, Distribution Group Study Process or Transmission Cluster Study Process, dependent upon the Electrical Independence Tests.

## Part II – Identifying the Generating Facility Location and Responsible Parties

|                      |
|----------------------|
| <i>Project Name:</i> |
|                      |

**A. Generating Facility Account Information** (What electric service will the Generating Facility be interconnected for parallel operation with PG&E? For aggregated electric accounts provide the primary account and meter information).

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

|                                    |  |   |
|------------------------------------|--|---|
| Name shown on PG&E service account | Electric Service Agreement ID number - 10-digits | Electric Badge (Meter) Number - 6-10 digits (alpha numeric) |
|------------------------------------|--|---|

**NOTE: Customer Electric account must match the customer's utility bill account information.**

|  |  |    |  |
|--|--|----|--|
|  |  | CA |  |
|--|--|----|--|

|                               |      |       |                |
|-------------------------------|------|-------|----------------|
| Meter Location Street Address | City | State | Zip - 5-digits |
|-------------------------------|------|-------|----------------|

**Please check all that apply:**

- A New Generating Facility interconnection (at an existing service).
- Upgrade existing Generating Facility with previous approval by PG&E (adding PV panels, adding energy storage as an addition or enhancement, changing inverters/turbines or changing load and/or operations).
- A New Generating Facility and New Load Service.<sup>2</sup>
  - An **Application for Service** must be completed. Additional fees may be required if a service or line extension is required (in accordance with PG&E Electric Rules 15 and 16). Please contact PG&E at 1-800-PGE-5000 or [Rule21Gen@pge.com](mailto:Rule21Gen@pge.com) or an electronic application may be submitted at <https://yourprojects-pge.com>.
- A New Generating Facility with no existing electric service and no load.
- An Interconnection under Direct Access (DA).

<sup>1</sup> See Electric Rule 21 for FAST TRACK requirements.

<sup>2</sup> Zero Net Energy (ZNE) participants applying to interconnect generation under the Expanded NBT/NEM and Large Paired Storage, NEM Fuel Cell, NBT/NEM Multiple Tariff, and Non-Export programs can apply for both load and generator interconnection using Form 79-1216 (represented in the Your Projects online interconnection application portal). As such, the "New Generating Facility and New Load Service" option in Form 79-1174-03A is no longer relevant.



# INTERCONNECTION APPLICATION (Form 79-1174-03)

## ATTACHMENT A

### **CUSTOMER AND PROJECT INFORMATION**

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- Customers applying for interconnection who are served under Direct Access by an Electric Service Provider (ESP) must contact their ESP directly for information regarding the options available under their Direct Access contract.
- An Interconnection under Community Choice Aggregation Service (CCA Service).
  - Customers applying for interconnection who are served under Community Choice Aggregation Service (CCA Service) by a Community Choice Aggregator (CCA) must contact their CCA directly for information regarding the options available under their CCA Service Program.

**Does this generating facility contain a solar PV system required by Title 24 or other building code?**

Yes       No

**For new generating facilities with no existing electric service (greenfield) Projects:**

[Visit the ICA Map here](#)

Have you checked the ICA map for capacities in your project  Yes       No

- *If you checked "No":*  
Check here to confirm you do not want to look at the values but still proceed with the application:

- *If you checked "Yes":*

| Field                                 | Value or Capacity |
|---------------------------------------|-------------------|
| CSV Line Section Value                |                   |
| Generation Hosting Capacity (OP Flex) |                   |
| Generic PV Hosting Capacity (OP Flex) |                   |
| Generation Hosting Capacity (SG)      |                   |
| Generic PV Hosting Capacity (SG)      |                   |
| ICA Protection Value                  |                   |



# INTERCONNECTION APPLICATION (Form 79-1174-03)

## ATTACHMENT A

### CUSTOMER AND PROJECT INFORMATION

**B. Customer Account Contact Information -**

|                 |             |       |                |
|-----------------|-------------|-------|----------------|
|                 |             |       |                |
| Mailing Address |             |       |                |
|                 | City        | State | Zip - 5-digits |
| ( ) - _____     | ( ) - _____ |       |                |
| Business Phone  | Home Phone  | Fax   | Email          |

**C. Contractor Information (Must be completed even if Contractor will not serve as a PG&E contact).**

|   |             |  |       |
|---|-------------|--|-------|
|   |             |  |       |
| Contact   |             | Company Name                           |       |
| Mailing Address   |             |  |       |
|   |             | City                                   | State |
|   |             | Zip - 5-digits                         |       |
| ( ) - _____   | ( ) - _____ |  |       |
| Business Phone  | Fax         | Email                                  |       |
| <input type="checkbox"/> Yes <input type="checkbox"/> No            |             |  |       |
| Does Contractor have Contractors State License Board (CSLB) Number? |             | Contractors State License Board Number |       |

**D. Project Contact Information (Who is the project manager for this Generating Facility?)**

|                 |             |                |       |
|-----------------|-------------|----------------|-------|
|                 |             |                |       |
| Contact         |             | Company Name   |       |
| Mailing Address |             |                |       |
|                 |             | City           | State |
|                 |             | Zip - 5-digits |       |
| ( ) - _____     | ( ) - _____ |                |       |
| Business Phone  | Fax         | Email          |       |



# INTERCONNECTION APPLICATION (Form 79-1174-03)

## ATTACHMENT A

### CUSTOMER AND PROJECT INFORMATION

|   |   |
|---|---|
| <p>What is the <b>maximum 3-phase fault current</b> that will be contributed by the Generating Facility to a 3-phase fault at the Point of Common Coupling (PCC)? (If the Generating Facility is single phase in design, please provide the contribution for a line-to-line fault).</p> | <hr style="width: 80%; margin: 0 auto;"/> <p>Amps</p> |
| <p>Please indicate the <b>short circuit interrupting rating</b> of the host Customer facility's service panel:</p>  | <hr style="width: 80%; margin: 0 auto;"/> <p>Amps</p> |

Refer to PG&E's Rule 21, Section G, for significance and additional information. To determine this value, any transformers and/or significant lengths of interconnecting conductor used between each of the Generators (if there are more than one) that make up the Generating Facility and the PCC must be taken into account. The details, impedance, and arrangement of such transformers and interconnecting conductors should be shown on the single-line diagram that is provided. Consult an electrical engineer or the equipment supplier if assistance is needed in answering this question.

It is expected that most Applicants will want to reserve the flexibility to operate any or all of their Generators in parallel. If the design of the proposed Generating Facility limits the amount of generation that may be interconnected at any time to PG&E's Electric System, please describe the assumptions used in calculating the maximum fault current contribution value.

For Customer applying for interconnection under Schedules

- i) NEM/NEM2/NBT – Net Energy Metering and Net Billing Tariff Service (including NEMA/NEM2A – Load Aggregation, Or NEMMT/NEM2MT/NBT-MT- Multiple Tariff- with a NEM/NEM2/NBT eligible generator), or
- ii) NEMV/NEM2V – Virtual Net Energy Metering Service, or
- iii) NEMVMASH/NEM2VMSH- Virtual Net Energy Metering For Multifamily Affordable Housing (MASH/NSHP) With Solar Generator(s),

please note, pursuant to California Public Utilities Commission Decision (D.) 16-01-044:

**CEC Listed/Rule 21 Certified/Non-Certified Interconnection Equipment**

In order to promote the safety and reliability of the customer's Generating Facility, the applicant certifies that as a part its request for NEM/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. Net Billing Tariff customers shall comply with Electric Rule No. 21 (Rule 21) Sections L.2-L.4 and Section L.7 for interconnecting to electrical grid. For Net Billing Tariff the utilities shall use the aforementioned sections of Rule 21 to establish the certified and non-certified connection criteria for the Net Billing Tariff eligibility in place of the CEC's verified equipment list.

**Warranties or Service Agreements**

Applicant certifies as a part of its interconnection request for NEM/NEM2/NBT 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.

**Interconnection Fees**

Customers on this tariff must pay for the interconnection of their Generation Facilities as provided in Electric Rule 21.



**ELECTRIC TABLE OF CONTENTS**

Sheet 1

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| Preliminary Statements.....         | 52771,48064,52561,41723,49327,54450,54433-E              |                             |     |
| Preliminary Statements, Rules.....  |  | 56121-E                     |     |
| Rules .....                         |  | 55898,48369-E               |     |
| Maps, Contracts and Deviations..... |  | 37960-E                     |     |
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| .....                               | 51241,51242,54733,52810,49309,56114,49311-E              |                             |     |

(Continued)

Advice 6995-E  
Decision

Issued by  
**Meredith Allen**  
Vice President, Regulatory Affairs

Submitted July 21, 2023  
Effective July 21, 2023  
Resolution



**ELECTRIC TABLE OF CONTENTS**

Sheet 25

| FORM   | TITLE OF SHEET   | CAL P.U.C.<br>SHEET NO. |
|--|--|-------------------------|
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| 79-1174-03A  | Rule 21 Generator Interconnection Application – Attachment A .....   | <b>56340-E</b> (T)      |
| 79-1174-03B  | Rule 21 Generator Interconnection Application – Attachment B .....   | 55487-E                 |
| 79-1174-03C  | Rule 21 Generator Interconnection Application – Attachment C .....   | 55488-E                 |
| 79-1174-03D  | Rule 21 Generator Interconnection Application – Attachment D .....   | 55589-E                 |
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| 79-1174-03K  | Rule 21 Generator Interconnection Application – Attachment K .....   | 55596-E                 |
| 79-1174-02L  | Rule 21 Generator Interconnection Application – Attachment L.....  | 55597-E                 |
| 79-1174-03M  | Rule 21 Generator Interconnection Application – Attachment M.....  | 55598-E                 |
| 79-1174-03N  | Rule 21 Generator Interconnection Application – Attachment N .....   | 55599-E                 |
| 79-1175  | Rule 21 Consent to Assignment Form for Non-NEM Projects.....   | 48657-E                 |
| 79-1181  | Rule 21 Pre-Application Report Request .....   | 48663-E                 |
| 79-1191  | Generating Facility Interconnection Agreement For Local Government Renewable Energy Self<br>Generation Bill Credit Transfer (RES-BCT)..... | 55830-E                 |
| 79-1197  | Local Government Renewable Energy Self-Generation Bill Credit Transfer (RES-BCT) Re-<br>Allocation Request .....                           | 48676-E                 |
| 79-1198-02   | Interconnection Agreement for Net Energy Metering (NEM2) and Renewable Electrical<br>Generating Facility Sized Greater than 1,000 kW ..... | 55501-E                 |
| 79-1198-03   | Interconnection Agreement for Net Billing Tariff (NBT) and Renewable Electrical Generating<br>Facility Sized Greater Than 1,000 kW.....    | 56295-E                 |
| 79-1199  | Agreement and Customer Authorization Non-Export Standalone Energy Storage of 30 Kilowatts<br>or Less .....                                 | 48678-E                 |
| 79-1200  | Rule 21 Generator Interconnection Agreement for Exporting Generating Facilities.....   | 55834-E                 |
| 79-1204  | Pilot Pedestal Program Application .....   | 48680-E                 |
| 79-1211  | Generating Facility Material Modification Notification Worksheet.....  | 50316-E                 |
| 79-1212  | Rule 21 Non-Export Generator Interconnection Notification .....  | 51182-E                 |
| 79-1213  | Agreement and Customer Authorization Non-Export Generating Facility Sized 30 Kilowatts or<br>Less .....                                    | 51183-E                 |
| 79-1214  | Notification-Only Pilot Program Developer Eligibility Application .....  | 51184-E                 |

(Continued)

## **Attachment 2**

### **Redline Tariff Revisions**



# INTERCONNECTION APPLICATION (Form 79-1174-03)

## ATTACHMENT A

### CUSTOMER AND PROJECT INFORMATION

#### Part I - Selecting the Study Process

Please check one:

- Fast Track Process<sup>1</sup>.
- Detailed Study
  - Will be either an Independent Study Process, Distribution Group Study Process or Transmission Cluster Study Process, dependent upon the Electrical Independence Tests.

#### Part II – Identifying the Generating Facility Location and Responsible Parties

*Project Name:*

**A. Generating Facility Account Information** (What electric service will the Generating Facility be interconnected for parallel operation with PG&E? For aggregated electric accounts provide the primary account and meter information).

|  |  |  |
|--|--|--|
|  |  |  |
|--|--|--|

|                                    |  |   |
|------------------------------------|--|---|
| Name shown on PG&E service account | Electric Service Agreement ID number - 10-digits | Electric Badge (Meter) Number - 6-10 digits (alpha numeric) |
|------------------------------------|--|---|

**NOTE: Customer Electric account must match the customer's utility bill account information.**

|  |  |    |  |
|--|--|----|--|
|  |  | CA |  |
|--|--|----|--|

|                               |      |       |                |
|-------------------------------|------|-------|----------------|
| Meter Location Street Address | City | State | Zip - 5-digits |
|-------------------------------|------|-------|----------------|

**Please check all that apply:**

- A New Generating Facility interconnection (at an existing service).
- Upgrade existing Generating Facility with previous approval by PG&E (adding PV panels, adding energy storage as an addition or enhancement, changing inverters/turbines or changing load and/or operations).
- A New Generating Facility and New Load Service.<sup>2</sup>
  - An **Application for Service** must be completed. Additional fees may be required if a service or line extension is required (in accordance with PG&E Electric Rules 15 and 16). Please contact PG&E at 1-800-PGE-5000 or [Rule21Gen@pge.com](mailto:Rule21Gen@pge.com) or an electronic application may be submitted at <https://yourprojects-pge.com>.
- A New Generating Facility with no existing electric service and no load.
- An Interconnection under Direct Access (DA).

<sup>1</sup> See Electric Rule 21 for FAST TRACK requirements.

<sup>2</sup> [Zero Net Energy \(ZNE\) participants applying to interconnect generation under the Expanded NBT/NEM and Large Paired Storage, NEM Fuel Cell, NBT/NEM Multiple Tariff, and Non-Export programs can apply for both load and generator interconnection using Form 79-1216 \(represented in the Your Projects online interconnection application portal\). As such, the "New Generating Facility and New Load Service" option in Form 79-1174-03A is no longer relevant.](#)

# INTERCONNECTION APPLICATION (Form 79-1174-03)

## ATTACHMENT A

### **CUSTOMER AND PROJECT INFORMATION**

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- Customers applying for interconnection who are served under Direct Access by an Electric Service Provider (ESP) must contact their ESP directly for information regarding the options available under their Direct Access contract.
- An Interconnection under Community Choice Aggregation Service (CCA Service).
  - Customers applying for interconnection who are served under Community Choice Aggregation Service (CCA Service) by a Community Choice Aggregator (CCA) must contact their CCA directly for information regarding the options available under their CCA Service Program.

**Does this generating facility contain a solar PV system required by Title 24 or other building code?**

Yes       No

**For new generating facilities with no existing electric service (greenfield) Projects:**

[Visit the ICA Map here](#)

Have you checked the ICA map for capacities in your project  Yes       No

- *If you checked "No":*  
Check here to confirm you do not want to look at the values but still proceed with the application:

- *If you checked "Yes":*

| Field                                 | Value or Capacity |
|---------------------------------------|-------------------|
| CSV Line Section Value                |                   |
| Generation Hosting Capacity (OP Flex) |                   |
| Generic PV Hosting Capacity (OP Flex) |                   |
| Generation Hosting Capacity (SG)      |                   |
| Generic PV Hosting Capacity (SG)      |                   |
| ICA Protection Value                  |                   |



# INTERCONNECTION APPLICATION (Form 79-1174-03)

## ATTACHMENT A

### CUSTOMER AND PROJECT INFORMATION

**B. Customer Account Contact Information -**

|                 |             |       |                |
|-----------------|-------------|-------|----------------|
|                 |             |       |                |
| Mailing Address |             |       |                |
|                 | City        | State | Zip - 5-digits |
| ( ) - _____     | ( ) - _____ |       |                |
| Business Phone  | Home Phone  | Fax   | Email          |

**C. Contractor Information (Must be completed even if Contractor will not serve as a PG&E contact).**

|   |   |       |                |
|---|---|-------|----------------|
| Contact   | Company Name                              |       |                |
| Mailing Address   |   |       |                |
|   | City                                      | State | Zip - 5-digits |
| ( ) - _____   | ( ) - _____                               |       |                |
| Business Phone  | Fax                                       | Email |                |
| <input type="checkbox"/> Yes <input type="checkbox"/> No                  |   |       |                |
| Does Contractor have<br>Contractors State License<br>Board (CSLB) Number? | Contractors State License<br>Board Number |       |                |

**D. Project Contact Information (Who is the project manager for this Generating Facility?)**

|                 |              |       |                |
|-----------------|--------------|-------|----------------|
| Contact         | Company Name |       |                |
| Mailing Address |              |       |                |
|                 | City         | State | Zip - 5-digits |
| ( ) - _____     | ( ) - _____  |       |                |
| Business Phone  | Fax          | Email |                |



# INTERCONNECTION APPLICATION (Form 79-1174-03) ATTACHMENT A CUSTOMER AND PROJECT INFORMATION

|   |   |
|---|---|
| <p>What is the <b>maximum 3-phase fault current</b> that will be contributed by the Generating Facility to a 3-phase fault at the Point of Common Coupling (PCC)? (If the Generating Facility is single phase in design, please provide the contribution for a line-to-line fault).</p> | <hr style="width: 80%; margin: 0 auto;"/> <p>Amps</p> |
| <p>Please indicate the <b>short circuit interrupting rating</b> of the host Customer facility's service panel:</p>  | <hr style="width: 80%; margin: 0 auto;"/> <p>Amps</p> |

Refer to PG&E's Rule 21, Section G, for significance and additional information. To determine this value, any transformers and/or significant lengths of interconnecting conductor used between each of the Generators (if there are more than one) that make up the Generating Facility and the PCC must be taken into account. The details, impedance, and arrangement of such transformers and interconnecting conductors should be shown on the single-line diagram that is provided. Consult an electrical engineer or the equipment supplier if assistance is needed in answering this question.

It is expected that most Applicants will want to reserve the flexibility to operate any or all of their Generators in parallel. If the design of the proposed Generating Facility limits the amount of generation that may be interconnected at any time to PG&E's Electric System, please describe the assumptions used in calculating the maximum fault current contribution value.

For Customer applying for interconnection under Schedules

- i) NEM/NEM2/NBT – Net Energy Metering and Net Billing Tariff Service (including NEMA/NEM2A – Load Aggregation, Or NEMMT/NEM2MT/NBT-MT- Multiple Tariff- with a NEM/NEM2/NBT eligible generator), or
- ii) NEMV/NEM2V – Virtual Net Energy Metering Service, or
- iii) NEMVMASH/NEM2VMSH- Virtual Net Energy Metering For Multifamily Affordable Housing (MASH/NSHP) With Solar Generator(s),

please note, pursuant to California Public Utilities Commission Decision (D.) 16-01-044:

**CEC Listed/Rule 21 Certified/Non-Certified Interconnection Equipment**

In order to promote the safety and reliability of the customer's Generating Facility, the applicant certifies that as a part its request for NEM/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. Net Billing Tariff customers shall comply with Electric Rule No. 21 (Rule 21) Sections L.2-L.4 and Section L.7 for interconnecting to electrical grid. For Net Billing Tariff the utilities shall use the aforementioned sections of Rule 21 to establish the certified and non-certified connection criteria for the Net Billing Tariff eligibility in place of the CEC's verified equipment list.

**Warranties or Service Agreements**

Applicant certifies as a part of its interconnection request for NEM/NEM2/NBT 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.

**Interconnection Fees**

Customers on this tariff must pay for the interconnection of their Generation Facilities as provided in Electric Rule 21.

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

AT&T  
Albion Power Company

Alta Power Group, LLC  
Anderson & Poole

Atlas ReFuel  
BART

Barkovich & Yap, Inc.  
Braun Blaising Smith Wynne, P.C.  
California Community Choice Association  
California Cotton Ginners & Growers Assn  
California Energy Commission

California Hub for Energy Efficiency  
Financing

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

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

Chevron Pipeline and Power  
City of Palo Alto

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

Dept of General Services  
Don Pickett & Associates, Inc.  
Douglass & Liddell  
Downey Brand LLP  
Dish Wireless L.L.C.

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

GenOn Energy, Inc.  
Green Power Institute  
Hanna & Morton  
ICF

iCommLaw  
International Power Technology  
Intertie

Intestate Gas Services, Inc.

Johnston, Kevin  
Kelly Group  
Ken Bohn Consulting  
Keyes & Fox LLP  
Leviton Manufacturing Co., Inc.

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

Modesto Irrigation District  
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.

Resource Innovations

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  
Stoel Rives LLP

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