

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



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 7000E
As of October 25, 2023

Subject: Clean-Up of Electric Rate Schedule NEM2V

Division Assigned: Energy

Date Filed: 08-04-2023

Date to Calendar: 08-11-2023

Authorizing Documents: None

Disposition:	Accepted
Effective Date:	08-04-2023

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Kimberly Loo

(279)789-6209

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- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

August 4, 2023

Advice 7000-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Clean-Up of Electric Rate Schedule NEM2V

Purpose

Pacific Gas and Electric Company (PG&E) hereby submits for revisions to Electric Rate Schedule NEM2V. The affected tariff sheets are listed on the enclosed Attachment 1.

Background

The purpose of this advice letter is to revise Electric Rate Schedule NEM2V in PG&E's tariff book to consolidate language that was approved in multiple advice letters.

On September 19, 2022, PG&E submitted Tier 2 advice letter 6682-E-A in compliance with Decision (D.) 22-07-001. On March 14, 2022, the CPUC issued a Disposition Letter approving advice letter 6682-E-A with an effective date of February 28, 2023.¹

On February 15, 2023, PG&E submitted Tier 2 supplemental advice letter 6792-E-A to clarify that virtual net energy metering (VNEM) generators and battery storage may isolate from the grid to provide backup power during grid outages, pursuant to D.21-12-031. On May 5, 2023, the CPUC issued a Disposition Letter approving advice letter 6792-E-A with an effective date of March 17, 2023.²

On March 10, 2023, PG&E submitted Tier 2 advice letter 6877-E in compliance with Ordering Paragraphs 9 and 10 of D.22-12-056. On July 24, 2023, the CPUC issued a Disposition Letter approving advice letter 6877-E with an effective date of April 9, 2023.³

This advice letter does not propose any new modifications to Electric Rate Schedule NEM2V. PG&E is merely consolidating tariff language that has already been submitted with and approved by the Commission. For your convenience, PG&E has included redline revisions in Attachment 2.

¹ [ELEC_6682-E-A.pdf \(pge.com\)](#)

² [ELEC_6792-E-A.pdf \(pge.com\)](#)

³ [ELEC_6877-E.pdf \(pge.com\)](#)

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

Protests

Anyone wishing to protest this submittal may do so by letter sent electronically via E-mail, no later than August 24, 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

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

Effective Date

Pursuant to General Order (GO) 96-B, Rule 5.1, PG&E requests that this Tier 1 advice submittal become effective on August 4, 2023.

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. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: <http://www.pge.com/tariffs/>.



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) #: 7000-E

Tier Designation: 1

Subject of AL: Clean-Up of Electric Rate Schedule NEM2V

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: 8/4/23

No. of tariff sheets: 7

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

California Public Utilities Commission
Energy Division Tariff Unit Email:
EDTariffUnit@cpuc.ca.gov

Contact Name: 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

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
56346-E	ELECTRIC SCHEDULE NEM2V VIRTUAL NET ENERGY METERING SERVICE Sheet 1	55724-E*
56347-E	ELECTRIC SCHEDULE NEM2V VIRTUAL NET ENERGY METERING SERVICE Sheet 7	55726-E
56348-E	ELECTRIC SCHEDULE NEM2V VIRTUAL NET ENERGY METERING SERVICE Sheet 19	55728-E
56349-E*	ELECTRIC SCHEDULE NEM2V VIRTUAL NET ENERGY METERING SERVICE Sheet 23	55732-E
56350-E	ELECTRIC SCHEDULE NEM2V VIRTUAL NET ENERGY METERING SERVICE Sheet 24	55733-E
56351-E*	ELECTRIC TABLE OF CONTENTS Sheet 1	56344-E
56352-E*	ELECTRIC TABLE OF CONTENTS Sheet 7	56280-E



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 1

APPLICABILITY: This virtual net energy-metering schedule is applicable to a multi-tenant or multi-meter¹ Eligible NEM2V installation on a single eligible Property, as defined below, and that includes the following:

a. A Generator Account that:

- 1) consists of a Renewable Electrical Generation Facility (REGF)², sized no larger than the energy requirements of all Benefitting Accounts; and
- 2) is taking service on an applicable time-of-use TOU rate
- 3) has no load other than that required by the REGF or the combination of such (except as described in Special Condition 6); and (T)
- 4) takes service, with the generator owner or their designee as the Customer of record ("Owner"); and

b. Benefitting Account(s), each of which:

- 1) takes service from PG&E; and
- 2) is an individually metered, electric account serving a tenant or common area with no other generating facility interconnected with PG&E on the account; and
- 3) is taking service on an applicable TOU^{3,4} rate schedule
- 4) does not participate in another virtual net energy metering program or the RES-BCT program.

A NEM2V REGF greater than one megawatt seeking interconnection with PG&E's transmission system under this Rate Schedule that is not subject to one of the exceptions described in Electric Tariff Rule 21 Section B.1 (*Applicability*) shall interconnect in accordance with the instructions provided there. Such customers shall also apply via PG&E's online application portal (*YourProject*) for the purpose of initiating an application and determining eligibility of their REGF under this Schedule. This requirement is not applicable to such REGFs with Permission to Operate letters received as of May 6, 2022, or proposed REGFs with materially complete interconnection applications submitted as of May 6, 2022. (T)

¹ Multi-meter" means two or more utility revenue meters, including master meters, participating in the NEM2V program, in addition to the Generator Account meter.

² Consistent with Decision 22-12-056, multiple REGFs on an eligible Property served by different Electric Accounts are allowed to be treated as one generator, with credits allocated across Benefitting Accounts on the Property. Also, consistent with Decision 14-05-033, and as modified by Decision 16-01-044, NEM paired storage may interconnect under this tariff subject to the metering and sizing requirements specified in D. 14-05-033. For a REGF with storage (NEM2V Storage), please see Special Condition 6.

³ Customers on Schedules such as ET, ES, ESR, which have no available corresponding TOU Rate are not required to switch to TOU rates, unless and until such a rate becomes available.

⁴ Customers, including those at Benefitting accounts, when the arrangement switches from Schedule NEMV to this NEM2V successor tariff are required to take any applicable TOU rate, beginning at the time the customer switches to the NEM successor tariff, pursuant to D.14-03-041 and D.16-01-044. Any account not found to be on a TOU rate will automatically be defaulted to the specified TOU rate defined in the "Rate" section below.

(Continued)



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 7

RATES:
(Cont'd.)

Generator Accounts eligible for service under NEM2V are exempt from the requirements of Schedule S—Standby Service.

PG&E rates and rate design, including the rates and rate design reflected in this Tariff, are subject to change from time to time. Customers should take this into consideration when making any long-term decisions based on rate structures that are currently in place.

SPECIAL CONDITIONS:

1. **METERING:** NEM2V net energy metering shall be accomplished at:

a. The Generator Account* where the REGF is located, using either: (T)

- 1) An interval meter (capable of recording the REGF's output in up to fifteen minute increments), if required by PG&E to allocate the Eligible Energy Credit based on the OAS of the Benefitting Accounts in an NEM2V Arrangement. For example, if any Benefitting Accounts in the NEM2V Arrangement takes service on an OAS with a Demand Charge where the Qualified Customer at the Benefitting Account opts to receive a demand credit pursuant to Special Conditions 1 and 3.g, the Owner must install a PG&E interval meter under this option. The Owner shall be responsible for, and shall bear all costs associated with PG&E providing and installing an interval meter for the Generator Account. The cost of the interval meter installation will be determined by PG&E and will vary on a site-specific basis as described below.

If the Owner is participating in a renewable incentive program such as the California Solar Initiative (CSI) Program or the Self-Generation Incentive Program (SGIP), for the Generator Account then the meter installed under this option may also be used to issue performance payments consistent with the current incentive program handbook requirements. This tariff's metering requirements will take precedence over the incentive program metering requirements for the performance meter.

The Owner or Operator selecting this option to use a single meter for the dual purpose of tracking the generation for the NEM2V Generator Account and to issue performance based incentives will need to install a meter that must be: 1) a PG&E owned meter, 2) a PG&E read meter where PG&E will read the meter data for purposes of providing an incentive payment, and 3) installed in a location approved by PG&E. In addition to this metering requirement for incentives, the Owner and Operator will need to contract separately for any Performance Monitoring and Reporting Service (PMRS) as required by the incentive program.

* There may be additional metering requirements under Rule 21 Section B.1 Applicability regarding net energy metering NEM-2 projects greater than 1 MW interconnecting on Transmission. (T)
(T)

(Continued)



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 19

SPECIAL
CONDITIONS:
(Cont'd.)

4. INTERCONNECTION: (Cont'd.)

Facility Type:

Forms Required

NEM2V Renewable Generation Facility other than Solar (PV) or Wind (Cont'd)

Online Rule 21 Generator Interconnection Application (Cont'd)

Appendix A – Description Of Generating Facility And Single-Line Diagram (Provided by Customer-Generator)

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

Appendix C – Schedule NEM Customer-Generator Warranty That It Meets The Requirements For An Eligible Customer-Generator And Is An Eligible Renewable Electrical Generator Facility Pursuant To Section 2827 Of The California Public Utilities Code

Appendix E – Customer-Generator Affidavit Warranting that NEM2V Arrangement Is Sized To Load

Appendix F – NEMV, NEM2V Storage

Appendix G – Operating Requirements for Energy Storage Device(s)

NEM2V greater than 1 MW

Online Rule 21 Generator Interconnection Application

(Form 79-1174-03)

Attachment A (79-1174-03A) – Customer and Project Information

Attachment C (79-1174-03C) – Export

Attachment D (79-1174-03D) – Solar (PV) Technology (if applicable)

Attachment E (79-1174-03E) – Wind Turbine Technology (if applicable)

Attachment F (79-1174-03F) – Machine-based Technology (if applicable)

Attachment G (79-1174-03G) – Fuel Cell Technology (if applicable)

Attachment H (79-1174-03H) – Energy Storage Technology (if applicable)

Attachment L (79-1174-03L) – NEM2V

Interconnection Agreement for Net Energy Metering (NEM2) and Renewable Electrical Generating Facility Sized Greater than 1,000 kW (Form 79-1198-02)*

(T)

Customers on this tariff must pay for the interconnection of their systems. Customers eligible for single-family affordable solar housing (SASH) who interconnect under this tariff do not have pay any charge for

(Continued on next sheet.)

* Also see Rule 21 Section B.1 Applicability regarding NEM-2 projects greater than 1 MW interconnecting on Transmission.

(T)
(T)

(Continued)



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 23

SPECIAL
CONDITIONS:
(Cont'd.)

6. NEM2V Storage

a. Definition of NEM2V Storage

NEM2V Storage is defined as an arrangement where a NEM2V REGF including a storage device is located behind the same meter on the generating account under a configuration that prevents the storage device from charging from another source other than the co-located NEM2V REGF generator (i.e. the storage cannot be charged from grid power). This can be accomplished with a physical, non-import relay—or a functionally equivalent non-import configuration as outlined in the PG&E Distribution Generation Interconnection Handbook—to prevent grid power from flowing toward the battery.

If the NEM2V Storage device has found to be charging from the grid, then this arrangement shall no longer be eligible for this tariff.

b. Isolated Operation

The REGF and storage device can be operated in isolation to serve loads that are otherwise part of the NEM2V arrangement (i.e., loads associated with any meter that is part of the arrangement during normal, parallel operation) only during grid outages and for testing purposes. Any device supporting isolated operation must be interconnected according to Rule 21 and all PG&E and other applicable standards. All loads to be powered by the REGF and battery storage in isolation mode must be located under the same PG&E delivery point. The isolated operation must be configured such that no load or generation registers on Generating or Benefiting Account meters when operating in isolation.

(T)
—
(T)

c. Interconnection Cost

Customers interconnecting storage shall be responsible for all applicable charges in Electric Rule 21*.

(T)
(T)

d. Storage Size Dependent Requirements

Requirements may differ depending on the size of the NEM2V Storage. The storage device size is determined by the inverter alternating current nameplate rating.

(T)

7. Natural or Man-Made Disasters

NEM2V Transition Eligible Customers impacted by a Natural or Man-Made disaster⁸ may request to resume service on this tariff from (i) the date of the issuance of their original pre-natural-or-man-made disaster “permission to operate” (PTO) letter until (ii) the date of the customer’s first Energy True Up in the twenty first (21st) year.

(L)

* See Rule 21 Section B.1 Applicability regarding NEM-2 projects greater than 1 MW interconnecting on Transmission.

(T)
(T)

⁸ Natural or man-made disasters includes such events as a fire, earthquake, flood, or severe storms.

(Continued)



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 24

SPECIAL
CONDITIONS:
(Cont'd.)

7. Natural or Man-Made Disasters (Cont.)

An Impacted Owner must:

- (i) reapply for interconnection with a replacement system(s) sized to generate no more than the 12 months of historic, or estimated usage (kWh), where the new NEM2V Arrangement is located on the same integral parcel as the original NEM2V Arrangement, and
- (ii) when reapplying for interconnection, submit proof of destruction of the renewable generator(s), if requested by PG&E.

(L)

(L)

When the Generator account in the NEM2V Arrangement is impacted by a Natural or Man-Made Disaster, PG&E will true-up the NEM2V Arrangement pursuant to Special Condition 3.i., and Net Surplus Compensation will be issued, if any, pursuant to Special Condition 5 up to the date of the Natural or Man-Made disaster. If the Generator Account is not impacted while one or more of the benefitting accounts are, a True-Up will only occur for the impacted accounts, and PG&E will continue to bill the remaining⁹ accounts on NEM2V, unless requested by the Owner. Any other Owner-requested changes to the NEM2V Arrangement beyond being impacted by a Natural or Man-Made Disaster will be in accordance with Special Condition 3.h.

The intervening period from destruction of the generator(s) to permission to operate (PTO) of the replacement generator(s) must be no longer than two years, unless reasonable documentation acceptable to PG&E is provided showing that the new interconnection is in process.

This provision is only available if the PG&E customer of record listed on the Generator Account on the new NEM2V Arrangement is the same Owner as was listed on the original NEM2V Arrangement. If the generator(s) is not replaced by the same NEM2V Owner, but the property is sold to a new owner after the destruction of the generator(s), this provision does not extend to the new owner. The new owner must apply for interconnection and take service under an applicable net energy metering tariff in effect at the time and is subject to all the requirements of a new customer seeking interconnection for that net energy metering tariff.

Customers impacted by Natural or Man-Made Disasters who meet the requirements included in this Special Condition and whose aggregate replacement system(s) is sized no greater than 1 megawatt (MW)¹⁰ are exempt from the interconnection application fee when reapplying.

Owners impacted by Natural or Man-Made Disasters must comply with all requirements associated with the installation of Smart Inverter technology, as defined in Electric Rule 21.

⁹ PG&E will proactively bill the remaining benefitting accounts on NEM2V when there are at least two benefitting accounts. When only benefitting accounts are impacted, Owners do not need to submit an interconnection application to enact this provision, unless requested by PG&E.

¹⁰ As defined in Special Condition 4.

(Continued)



ELECTRIC TABLE OF CONTENTS

Sheet 1

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Advice 7000-E
Decision

Issued by
Meredith Allen
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

August 4, 2023
August 4, 2023



ELECTRIC TABLE OF CONTENTS

Sheet 7

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Advice 7000-E
Decision

Issued by
Meredith Allen
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

August 4, 2023
August 4, 2023

Attachment 2

Redline Tariff Revisions



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 1

APPLICABILITY: This virtual net energy-metering schedule is applicable to a multi-tenant or multi-meter¹ Eligible NEM2V installation on a single eligible Property, as defined below, and that includes the following:

- a. A Generator Account that:
 - 1) consists of a Renewable Electrical Generation Facility (REGF)², sized no larger than the energy requirements of all Benefitting Accounts; and
 - 2) is taking service on an applicable time-of-use TOU rate
 - 3) has no load other than that required by the REGF or the combination of such (except as described in Special Condition 6); and
 - 4) takes service, with the generator owner or their designee as the Customer of record (“Owner”); and
- b. Benefitting Account(s), each of which:
 - 1) takes service from PG&E; and
 - 2) is an individually metered, electric account serving a tenant or common area with no other generating facility interconnected with PG&E on the account; and
 - 3) is taking service on an applicable TOU^{3,4} rate schedule
 - 4) does not participate in another virtual net energy metering program or the RES-BCT program.

A NEM2V REGF greater than one megawatt seeking interconnection with PG&E’s transmission system under this Rate Schedule that is not subject to one of the exceptions described in Electric Tariff Rule 21 Section B.1 (Applicability) shall interconnect in accordance with the instructions provided there. Such customers shall also apply via PG&E’s online application portal (YourProject) for the purpose of initiating an application and determining eligibility of their REGF under this Schedule. This requirement is not applicable to such REGFs with Permission to Operate letters received as of May 6, 2022, or proposed REGFs with materially complete interconnection applications submitted as of May 6, 2022.

¹ Multi-meter” means two or more utility revenue meters, including master meters, participating in the NEM2V program, in addition to the Generator Account meter.

² Consistent with Decision 22-12-056, multiple REGFs on an eligible Property served by different Electric Accounts are allowed to be treated as one generator, with credits allocated across Benefitting Accounts on the Property. Also, consistent with Decision 14-05-033, and as modified by Decision 16-01-044, NEM paired storage may interconnect under this tariff subject to the metering and sizing requirements specified in D.14-05-033. For a REGF with storage (NEM2V Storage), please see Special Condition 6.

³ Customers on Schedules such as ET, ES, ESR, which have no available corresponding TOU Rate are not required to switch to TOU rates, unless and until such a rate becomes available.

⁴ Customers, including those at Benefitting accounts, when the arrangement switches from Schedule NEMV to this NEM2V successor tariff are required to take any applicable TOU rate, beginning at the time the customer switches to the NEM successor tariff, pursuant to D.14-03-041 and D.16-01-044. Any account not found to be on a TOU rate will automatically be defaulted to the specified TOU rate defined in the “Rate” section below.

(Continued)

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ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 7

RATES:
(Cont'd.)

Generator Accounts eligible for service under NEM2V are exempt from the requirements of Schedule S—Standby Service.

PG&E rates and rate design, including the rates and rate design reflected in this Tariff, are subject to change from time to time. Customers should take this into consideration when making any long-term decisions based on rate structures that are currently in place.

SPECIAL CONDITIONS:

1. **METERING:** NEM2V net energy metering shall be accomplished at:
 - a. The Generator Account* where the REGF is located, using either:
 - 1) An interval meter (capable of recording the REGF's output in up to fifteen minute increments), if required by PG&E to allocate the Eligible Energy Credit based on the OAS of the Benefitting Accounts in an NEM2V Arrangement. For example, if any Benefitting Accounts in the NEM2V Arrangement takes service on an OAS with a Demand Charge where the Qualified Customer at the Benefitting Account opts to receive a demand credit pursuant to Special Conditions 1 and 3.g, the Owner must install a PG&E interval meter under this option. The Owner shall be responsible for, and shall bear all costs associated with PG&E providing and installing an interval meter for the Generator Account. The cost of the interval meter installation will be determined by PG&E and will vary on a site-specific basis as described below.

If the Owner is participating in a renewable incentive program such as the California Solar Initiative (CSI) Program or the Self-Generation Incentive Program (SGIP), for the Generator Account then the meter installed under this option may also be used to issue performance payments consistent with the current incentive program handbook requirements. This tariff's metering requirements will take precedence over the incentive program metering requirements for the performance meter.

The Owner or Operator selecting this option to use a single meter for the dual purpose of tracking the generation for the NEM2V Generator Account and to issue performance based incentives will need to install a meter that must be: 1) a PG&E owned meter, 2) a PG&E read meter where PG&E will read the meter data for purposes of providing an incentive payment, and 3) installed in a location approved by PG&E. In addition to this metering requirement for incentives, the Owner and Operator will need to contract separately for any Performance Monitoring and Reporting Service (PMRS) as required by the incentive program.

* There may be additional metering requirements under Rule 21 Section B.1 Applicability regarding net energy metering NEM-2 projects greater than 1 MW interconnecting on Transmission.

(Continued)

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ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 19

SPECIAL
CONDITIONS:
(Cont'd.)

4. INTERCONNECTION: (Cont'd.)

Facility Type:

Forms Required

NEM2V Renewable Generation Facility other than Solar (PV) or Wind (Cont'd)	Online Rule 21 Generator Interconnection Application (Cont'd) Appendix A – Description Of Generating Facility And Single-Line Diagram (Provided by Customer-Generator) Appendix B - Any Rule 2 or Rule 21 Agreements for the Installation or Allocation of Special Facilities (Forms 79-255, 79-280, 79-702) or Agreements to Perform Any Tariff Related Work (62-4527)(Formed between the Parties) Appendix C – Schedule NEM Customer-Generator Warranty That It Meets The Requirements For An Eligible Customer-Generator And Is An Eligible Renewable Electrical Generator Facility Pursuant To Section 2827 Of The California Public Utilities Code Appendix E – Customer-Generator Affidavit Warranting that NEM2V Arrangement Is Sized To Load Appendix F – NEMV, NEM2V Storage Appendix G – Operating Requirements for Energy Storage Device(s)
NEM2V greater than 1 MW	Online Rule 21 Generator Interconnection Application (Form 79-1174-03) Attachment A (79-1174-03A) – Customer and Project Information Attachment C (79-1174-03C) – Export Attachment D (79-1174-03D) – Solar (PV) Technology (if applicable) Attachment E (79-1174-03E) – Wind Turbine Technology (if applicable) Attachment F (79-1174-03F) – Machine-based Technology (if applicable) Attachment G (79-1174-03G) – Fuel Cell Technology (if applicable) Attachment H (79-1174-03H) – Energy Storage Technology (if applicable) Attachment L (79-1174-03L) – NEM2V Interconnection Agreement for Net Energy Metering (NEM2) and Renewable Electrical Generating Facility Sized Greater than 1,000 kW (Form 79-1198-02)*

Customers on this tariff must pay for the interconnection of their systems. Customers eligible for single-family affordable solar housing (SASH) who interconnect under this tariff do not have pay any charge for

* Also see Rule 21 Section B.1 Applicability regarding NEM-2 projects greater than 1 MW interconnecting on Transmission.

(Continued)



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 23

SPECIAL
CONDITIONS:
(Cont'd.)

6. NEM2V Storage

a. Definition of NEM2V Storage

NEM2V Storage is defined as an arrangement where a NEM2V REGF including a storage device is located behind the same meter on the generating account under a configuration that prevents the storage device from charging from another source other than the co-located NEM2V REGF generator (i.e. the storage cannot be charged from grid power). This can be accomplished with a physical, non-import relay—or a functionally equivalent non-import configuration as outlined in the PG&E Distribution Generation Interconnection Handbook—to prevent grid power from flowing toward the battery.

If the NEM2V Storage device has found to be charging from the grid, then this arrangement shall no longer be eligible for this tariff.

b. Isolated Operation

The REGF and storage device can be operated in isolation to serve loads that are otherwise part of the NEM2V arrangement (i.e., loads associated with any meter that is part of the arrangement during normal, parallel operation) only during grid outages and for testing purposes. Any device supporting isolated operation must be interconnected according to Rule 21 and all PG&E and other applicable standards. All loads to be powered by the REGF and battery storage in isolation mode must be located under the same PG&E delivery point. The isolated operation must be configured such that no load or generation registers on Generating or Benefiting Account meters when operating in isolation.

cb. Interconnection Cost

Customers interconnecting storage shall be responsible for all applicable charges in Electric Rule 21*.

de. Storage Size Dependent Requirements

Requirements may differ depending on the size of the NEM2V Storage. The storage device size is determined by the inverter alternating current nameplate rating.

7. Natural or Man-Made Disasters

NEM2V Transition Eligible Customers impacted by a Natural or Man-Made disaster⁸ may request to resume service on this tariff from (i) the date of the issuance of their original pre-natural-or-man-made disaster “permission to operate” (PTO) letter until (ii) the date of the customer’s first Energy True Up in the twenty first (21st) year.

An Impacted Owner must:

- (i) reapply for interconnection with a replacement system(s) sized to generate no more than the 12 months of historic, or estimated usage (kWh), where the new NEM2V Arrangement is located on the same

(Continued)



ELECTRIC SCHEDULE NEM2V
VIRTUAL NET ENERGY METERING SERVICE

Sheet 23

integral parcel as the original NEM2V Arrangement, and

- (ii) when reapplying for interconnection, submit proof of destruction of the renewable generator(s), if requested by PG&E.

* See Rule 21 Section B.1 Applicability regarding NEM-2 projects greater than 1 MW interconnecting on Transmission.

⁸ Natural or man-made disasters includes such events as a fire, earthquake, flood, or severe storms.

(Continued)

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**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

Electrical Power Systems, Inc.
Fresno
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