

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



Pacific Gas & Electric Company
ELC (Corp ID 39)
Status of Advice Letter 7026E
As of October 25, 2023

Subject: Information-Only Filing Regarding Net Energy Metering and Net Billing Tariff Annual Reporting Advice Letter

Division Assigned: Energy

Date Filed: 09-19-2023

Date to Calendar: 09-22-2023

Authorizing Documents: D1601044

| | |
|------------------------|-------------------|
| Disposition: | Accepted |
| Effective Date: | 09-19-2023 |

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- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

September 19, 2023

Advice 7026-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Information-Only Filing Regarding Net Energy Metering and Net Billing Tariff Annual Reporting Advice Letter¹

Purpose

Pacific Gas and Electric Company (PG&E) hereby submits, via an Information-Only advice letter, a report on interconnection costs for all Net Energy Metering (NEM) customers in compliance with California Public Utilities Commission (CPUC) Decision (D.) 16-01-044.² This report also includes the number of new Net Billing Tariff (NBT) enrollments by customers enrolled in California Alternate Rates for Energy (CARE) and Family Electric Rates Assistance (FERA) and the tenancy of those interconnected customers in CARE/FERA, in compliance with D. 22-12-056.³

This advice letter covers the period of August 1, 2022 through July 31, 2023.

Background

D.16-01-044 authorized the investor-owned utilities (IOUs) to collect a one-time application fee for NEM successor tariff customers with systems smaller than 1 megawatt (MW), to allow the utility to recover the costs of providing the interconnection service from the customers benefitting from the interconnections.⁴ The fee for each IOU must be based on the interconnection costs shown in each IOU's June 2015 advice letter,⁵ submitted in accordance with D.14-05-033 and Resolution E-4610.

¹ Per [D. 22-12-056](#), p. 241, Ordering Paragraph (OP) 6, "this advice letter [filed in accordance with the directions in Decision 14-05-033 and Resolution E-4610] shall now be known as the 'Net Energy Metering and Net Billing Tariff Annual Reporting Advice Letter.'"

² [D.16-01-044](#), p. 88, provides in pertinent part: "Because costs may change over time, each IOU must continue to report its interconnection costs in accordance with the directions in D.14-05-033 and Res. E-4610."

³ D. 22-12-056, p. 241, OP 6.

⁴ D.16-01-044 at pp.87-88. Note that Single-family Affordable Solar Housing (SASH) customers are exempted from this interconnection fee.

⁵ PG&E submitted Advice 4660-E on June 30, 2015 (approved December 31, 2015). PG&E submitted a subsequent advice letter, Advice 4847-E, on May 25, 2016 (approved January 9, 2017) to correct costs that were inadvertently omitted.

D.16-01-044 required each IOU to continue to report its interconnection costs in accordance with the directions in D.14-05-033 and Resolution E-4610. After discussion with Energy Division, it was determined that the IOUs shall submit this report yearly on September 19.⁶

D. 22-12-056 required each IOU to change the name of this annual advice letter to “Net Energy Metering and Net Billing Tariff Annual Reporting Advice Letter,” and to include data regarding new NBT enrollments by customers enrolled in CARE and FERA, and the tenancy of those interconnected customers in the CARE and FERA programs.

This report contains NEM cost data from August 1, 2022 through July 31, 2023, and NBT data for CARE/FERA interconnected customers from April 15, 2023⁷ through July 31, 2023. Next year’s reports will contain data from August 1, 2023 through July 31, 2024.

This Advice Letter

Net Energy Metering Interconnection Costs

Pursuant to D. 16-01-044, the report of interconnection costs for all NEM customers from August 1, 2022 through July 31, 2023 is appended to this Advice Letter as Attachment A.

Additional various costs and fees associated with the interconnection process incurred by PG&E are not reflected under this report or recovered through the current NEM interconnection fee. These costs relate to Electronic Signature requests, Online payments, Online portal submittals, other IT related expenditures and enhancements, etc.

Net Billing Tariff Enrollments for CARE and FERA

Pursuant to D.22-12-056, the report of all new NBT enrollments by customers enrolled in CARE and FERA and the tenancy of those interconnected customers in the CARE and FERA programs from April 15, 2023 (the date NBT commenced) through July 31, 2023, is appended to this Advice Letter as Attachment A.⁸

⁶ Or the next business day should September 19 fall on a weekend or holiday (Rule 1.15 Computation of Time California Public Utilities Commission Rules of Practice and Procedure).

⁷ Pursuant to D. 22-12-056, PG&E was directed to sunset the net energy metering tariff known as NEM 2.0 no later than 120 days after the effective date of D.22-12-056, after which NBT would commence. As D. 22-12-056 was made effective on December 15, 2022, NBT commenced 120 days later on April 15, 2023.

⁸ Starting next year, the NBT enrollment and tenancy data will include interconnected customers enrolled in the CARE and FERA programs from August 1 through July 31 (i.e., the September 19, 2024 report will include data from August 1, 2023 – July 31, 2024).

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

Protests

This is an information-only advice letter submittal. Pursuant to General Order 96-B Section 6.2, PG&E is not seeking relief through this advice letter and is not subject to protest. Instead, PG&E is simply reporting the interconnection costs for all NEM customers pursuant to D.16-01-044 and reporting the number of new net billing tariff enrollments and tenancy by interconnected customers enrolled in CARE and FERA pursuant to D. 22-12-056.

Effective Date

PG&E requests that this information-only advice letter become effective September 19, 2023, which is the date of submittal.

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 lists for R.12-11-005, R.14-07-002, 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
CPUC Communications

Attachment:

Attachment A: NEM Interconnection Costs & NBT Enrollments for CARE/FERA

cc: Service Lists R.12-11-005, 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 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) #: 7026-E

Tier Designation: Information-Only

Subject of AL: Information-Only Filing Regarding Net Energy Metering and Net Billing Tariff Annual Reporting Advice Letter

Keywords (choose from CPUC listing): Compliance, CARE

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.16-01-044

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: 9/19/23

No. of tariff sheets:

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: N/A

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

Attachment A

**NEM Interconnection Costs & NBT Enrollments for
CARE/FERA**

Attachment A
NEM Interconnection Costs & NBT Enrollments for CARE/FERA

In response to the California Public Utilities Commission (CPUC) order stated in Decision (D) 16-01-044, PG&E has tracked the following interconnection costs (Tables 1-5) related to its Net Energy Metering Tariffs and the Net Billing Tariff for the period August 1, 2022 through July 31, 2023. PG&E's current available NEM tariffs include: Schedules NEM (including NEMA and NEMMT), NEMFC, NEMV, and NEMVMASH.

Note:

- The figures included in this report are based on historic interconnection records. They represent the cost of interconnection between the dates of August 1, 2022 through July 31, 2023 as a result of existing interconnection processes and requirements. As such, any attempts to use these figures to forecast future interconnection costs should account for changes to processes, requirements/ standards, and changes in capacity of interconnected distributed energy resources relative to the local integration capacity of the circuit.
- However, please note that additional various costs and fees associated with the interconnection process incurred by PG&E are not reflected on this report or recovered through the current NEM interconnection fee. These costs relate to electronic signature requests, online payments, online portal submittals, and other IT related expenditures and enhancements.

| | |
|-----------------------------------|---------|
| Total NEM Applications | 200,897 |
| Total NEM Interconnections | 138,128 |

| Table 1 Processing/Administration Costs | |
|---|--------------|
| Total | \$16,035,938 |
| Note: Includes Application Processing (e.g., validating single line diagram, interconnection agreement, electrical inspection clearance from governmental agency having jurisdiction, and other required documents), and back office tasks (e.g., initial billing setup). | |

| Table 2 Distribution Engineering Costs | |
|--|-------------|
| Total | \$2,569,063 |
| Note: Includes technical analysis, studies, and screens consistent with Rule 21 (e.g., voltage rise, 15% Penetration, transformer loading) | |

| Table 3 Metering Installation/Inspection and Commissioning | |
|---|-----------|
| Total | \$213,437 |
| Note: Includes residential and non-residential meter changes and remote meter programming, material, supplies, procurement costs, labor for installation, testing, engineering, and quality assurance necessary for interconnection | |

| Table 4 Facility Upgrade Costs | | |
|---|--------------|--|
| Type | Total | |
| Interconnection Facilities | \$11,711,944 | |
| Distribution Upgrades | \$28,397,008 | |
| Total | \$40,108,952 | |

In response to the CPUC order stated in Decision (D) 16-01-044, PG&E has tracked the following waived fees and costs (Table 5) related to interconnection of NEM-Paired Storage for the period of August 1, 2022 through July 31, 2023.

| Table 5 NEM-Paired Storage Waived Fees and Costs | | |
|---|---------------------------|-------------------|
| Category | Number of Projects | Total Cost |
| Application Fee | 1,183 | \$171,535 |
| Supplemental Review Fee | 38 | \$95,000 |
| Distribution Upgrades | 145 | \$1,331,254 |
| Standby Charges | 18,573 | \$4,378,556 |
| NGOM Metering | 21,208 | \$18,968,011 |
| Notes: | | |
| • Standby Charges calculated according to Schedule S for customers interconnected at distribution level. PG&E understands that there can be reactive demand impacts from inverter based customer-storage units without reactive power compensation; however since most of these customers do not have a meter capable of measuring VARs, the reactive demand charges will be tracked as \$0.00. | | |

In addition to reporting NEM interconnection costs and waived fees, PG&E proposed in Advice Letter 4446-E to track and report the interconnection costs refunded to customers who paid to interconnect qualifying NEM-Paired Storage systems prior to the issuance of Decision (D) 14-05-033.

| Table 6 Refunded NEM-Paired Storage Interconnection Costs | | |
|---|---------------------------|-------------------|
| Category | Number of Projects | Total Cost |
| Refunded IC fees and Metering costs | 0 | \$0 |
| Notes: | | |
| • All relevant Interconnection costs for NEM-Paired Storage Projects are waived as per the the issuance of Decision (D) 14-05-033 | | |

In response to the CPUC order stated in Decision (D) 22-12-056, PG&E has tracked the number of new Net Billing Tariff (NBT) enrollments by customers on the California Alternate Rates for Energy (CARE) and the Family Electric Rates Assistance (FERA) for the period of April 15, 2023 through July 31, 2023. The NEM Cost report for 2024 will include interconnected customers enrolled in the CARE and FERA programs from August 1, 2023 through July 31, 2024.

| Table 7 Net Billing Tariff (NBT) CARE/FERA Customers | | |
|---|-----------------------|-----------------------|
| Tenancy | Number of CARE | Number of FERA |
| Enrolled in CARE/FERA > 1 year Before NBT PTO | 160 | 2 |
| Enrolled in CARE/FERA between 0-1 years Before NBT PTO | 69 | 4 |
| Enrolled in CARE/FERA After NBT PTO | 4 | 0 |
| Total of New NBT Enrollments | 233 | 6 |

**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