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

Pacific Gas & Electric Company
GAS (Corp ID 39)
Status of Advice Letter 4971G
As of October 18, 2024

Subject: Revision to Gas Rule 21 (Transportation of Natural Gas) to update In-Kind Shrinkage Allowances for Backbone Transmission and Distribution Service

Division Assigned: Energy

Date Filed: 09-13-2024

Date to Calendar: 09-20-2024

Authorizing Documents: D0312061

Disposition:	**Accepted**
Effective Date:	**11-01-2024**

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Michael Finnerty
(279) 789-6216
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Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)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

Pacific Gas and Electric Company

Sidney Bob Dietz II
Director
Regulatory Relations

Pacific Gas and Electric Company
300 Lakeside Drive
Oakland, CA 94612

September 13, 2024

Advice 4971-G
(Pacific Gas and Electric Company ID U 39 G)

Public Utilities Commission of the State of California

Subject: **Revision to Gas Rule 21 (Transportation of Natural Gas) to update In-Kind Shrinkage Allowances for Backbone Transmission and Distribution Service**

Pacific Gas and Electric Company (PG&E) hereby submits revisions to PG&E's Gas Rule 21 — *Transportation of Natural Gas* to update the natural gas in-kind shrinkage allowances for backbone transmission and distribution service pursuant to Decision (D.) 03-12-061. The affected tariff sheets are listed on Attachment 1.

Purpose

In-kind shrinkage allowances collect the lost and unaccounted for gas and the utility fuel use attributable to the volume of natural gas received by PG&E for transmission, distribution and storage service. In D.03-12-061, the California Public Utilities Commission (Commission or CPUC) authorized PG&E to update the in-kind shrinkage allowances annually or as necessary at other times of the year to match the actual shrinkage experienced on PG&E's system. This is reflected in Gas Preliminary Statement Part C — Gas Accounting Terms and Definitions, Part C.12.c., and Gas Rule 21, which state that PG&E may adjust distribution, transmission and storage shrinkage allowances annually or as necessary at other times of the year through advice letter submittals.

PG&E proposes revisions to its existing backbone transmission and distribution in-kind shrinkage allowances to be effective November 1, 2024.

Background

In Advice 4799-G, the Commission adopted PG&E's current transmission and distribution shrinkage base allowances effective November 1, 2023. Based on the latest cumulative shrinkage data and to better match the shrinkage expected on PG&E's system for the next 12 months, PG&E proposes revisions to the transmission and core seasonal distribution shrinkage allowances, effective November 1, 2024. The proposed shrinkage allowances are designed to recover PG&E's shrinkage forecast and to return an over-collected cumulative shrinkage imbalance forecasted. PG&E proposes to amortize the

over-collected cumulative imbalance forecasted volumes over 24-month period. PG&E will monitor actual shrinkage collected to determine if further adjustments are warranted.

Annual Shrinkage Allowance Forecast Update

The proposed shrinkage base allowances are calculated using PG&E's latest forecast of shrinkage on its system and PG&E's 2024-2025 customer demand forecast from the 2024 California Gas Report. In addition, the core distribution in-kind shrinkage allowance, with separate seasonal allowances for winter season (November-March) and summer season (April-October), as adopted in D.11-04-031, are adjusted. The proposed total in-kind shrinkage allowances, and the Base and Adjustment components of each allowance, are shown in the following table:

Proposed Total In-kind Shrinkage Allowance

	Current Effective In-Kind Shrinkage Allowance	Proposed In-Kind Shrinkage Base[1] Allowance	Proposed In-Kind Shrinkage Adjustment[2] Allowance (Credit)	Proposed Total In-Kind Shrinkage Allowance (Base + Adjustment)	Proposed Total Change
Transmission – Redwood to Off-System	0.9%	0.9%	0.00%	0.9%	0.0%
Transmission – Mission to On/Off-System	0.0%	0.00%	0.00%	0.00%	0.0%
Transmission – All other backbone paths	1.3%	1.1%	-0.1%	1.0%	-0.3%
Distribution – Noncore	0.2%	0.2%	0.00%	0.2%	0.0%
Distribution -Core Summer Season (Apr - Oct)	0.8%	0.6%	-0.1%	0.5%	-0.3%
Distribution – Core Winter Season (Nov- Mar)	3.9%	4.0%	-0.7%	3.3%	-0.6%

[1] The Base Allowance is designed to recover shrinkage forecasted to occur during the effective period of the shrinkage allowances (November 2024 through October 2025).
[2] The Adjustment Allowance is designed to recover (or return) any cumulative shrinkage imbalance forecasted to exist at the start of the effective period of the shrinkage allowances (November 1, 2024).

Based on the 2024-2025 shrinkage forecast, PG&E estimates that the proposed in-kind shrinkage base allowances, expects to recover the forecasted shrinkage on PG&E's system. PG&E will continue to monitor any cumulative shrinkage imbalance and will adjust the shrinkage allowances through advice letter submittals in the future, as necessary.

This submittal will not affect any other rate or charge, cause the withdrawal of service, or conflict with any other rate schedule or rule. Workpapers supporting the proposed changes are included in Attachment 3 to this submittal.

Tariff Revisions

The revised in-kind shrinkage allowances will be revised in Gas Rule 21, Section B. (Quantities).

- The above revised backbone transmission shrinkage allowance percentages will be reflected in Gas Rule 21, Section B.1.a.
- The above revised distribution shrinkage allowance percentages will be reflected in Gas Rule 21, Section B.1.b.

Protests

Anyone wishing to protest this submittal may do so by letter sent electronically via E-mail, no later than **October 3, 2024**, 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

In order to provide sufficient notice of the shrinkage change to gas transportation customers, PG&E requests that this Tier 2 advice submittal be approved by **October 13, 2024**, which is 30 calendar days after the date of submittal, with the tariffs effective on **November 1, 2024**. PG&E will inform gas transportation customers of the new shrinkage allowances on its Pipe Ranger Web site: http://www.pge.com/pipeline/ once this submittal is approved.

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 A.21-06-021. 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 – Clean Tariffs
Attachment 2 – Redline Tariff Revisions
Attachment 3 – Workpapers

cc: Service List A.21-06-021

California Public Utilities Commission

ADVICE LETTER SUMMARY

ENERGY UTILITY

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

Company name/CPUC Utility No.: Pacific Gas and Electric Company (U 39 G)

Utility type:
☐ ELC ☑ GAS ☐ WATER
☐ PLC ☐ HEAT

Contact Person: Michael Finnerty
Phone #: (279) 789-6216
E-mail: PGETariffs@pge.com
E-mail Disposition Notice to: michael.finnerty@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) #: 4971-G

Tier Designation: 2

Subject of AL: Revision to Gas Rule 21 (Transportation of Natural Gas) to update In-Kind Shrinkage Allowances for Backbone Transmission and Distribution Service

Keywords (choose from CPUC listing): Compliance, Rule 21

AL Type: ☐ Monthly ☐ Quarterly ☐ Annual ☑ One-Time ☐ Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.03-12-061

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: N/A

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: 10/13/24

No. of tariff sheets: 4

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

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

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

Tariff schedules affected: See Attachment 1

Service affected and changes proposed[1]: N/A

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

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

Clear Form

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

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

Contact Name: Sidney Bob Dietz II, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility/Entity Name: Pacific Gas and Electric Company

Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email: PGETariffs@pge.com

Contact Name:
Title:
Utility/Entity Name:

Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

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

Clear Form

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
39658-G	GAS RULE NO. 21 TRANSPORTATION OF GAS Sheet 2	38117-G
39659-G	GAS RULE NO. 21 TRANSPORTATION OF GAS Sheet 3	38834-G
39660-G	GAS TABLE OF CONTENTS Sheet 1	39656-G
39661-G	GAS TABLE OF CONTENTS Sheet 7	39657-G

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

a. Backbone Transmission Shrinkage

A Customer transporting gas over PG&E's Backbone Transmission System shall deliver each day at the Receipt Point to PG&E an additional in-kind quantity of gas supply equal to a percent of total volume of gas to be delivered at the Receipt Point. Thus, the quantity to be nominated at the Receipt Point equals the quantity desired at the Delivery Point divided by (1 - *x*) where *x* is the decimal equivalent of the Backbone Transmission System In-Kind Shrinkage Allowance percentage, based on the transmission path utilized as follows:

Path	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance	
Redwood to Off-System	0.9	–	0.9	
Mission to On-System	0	–	0	
Mission to Off-System	0	–	0	
All other transmission	1.1 (R)	-0.1 (R)	1.0 (R)	(T)

Provided, however, that PG&E and the Customer shall not be prohibited under this Rule, where shrinkage requirements support a different shrinkage allowance, from mutually agreeing to a different shrinkage allowance for transportation over PG&E's Backbone Transmission System.

(Continued)

GAS RULE NO. 21 Sheet 3
TRANSPORTATION OF GAS

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

b. Distribution Shrinkage

For transportation on PG&E's Distribution System, an additional In-Kind Shrinkage Allowance shall apply, which is separate from backbone transmission and storage shrinkage. The Customer shall deliver each day to PG&E at the Citygate an additional in-kind quantity of gas supply equal to a percent of the total volume of gas flowing through the End-Use Customer's meter. Thus, the quantity to be nominated at the Citygate equals the quantity to be flowed through the meter multiplied by (1 + *y*) where *y* is the decimal equivalent of the Distribution System In-Kind Shrinkage Allowance percentage, as follows:

End-Use Customer	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance	
Core – Summer Season (April - October)	0.6 (R)	-0.1 (R)	0.5 (R)	(T)
Core – Winter Season (November – March)	4.0 (I)	-0.7 (R)	3.3 (R)	(T)
Noncore Distribution	0.2	–	0.2	
Noncore Transmission*	–	–	–	

As an example, for a Core End-Use Customer being served via the Redwood Path, the amount to be nominated at Malin is calculated as:

Receipt Point Quantity = Est. Metered Usage x (1 + y) / (1 - x)

Where: x = decimal equivalent of the Backbone Shrinkage percentage, and

y = decimal equivalent of the Distribution Shrinkage percentage

* Noncore Transmission Level End-Use Customers or Agents require no Distribution System In-Kind Shrinkage Allowance.

(Continued)

GAS TABLE OF CONTENTS Sheet 1

(Continued)

GAS TABLE OF CONTENTS

Maps, Contracts and Deviations

(Continued)

Attachment 2

Redline Tariff Revisions

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

a. Backbone Transmission Shrinkage

A Customer transporting gas over PG&E's Backbone Transmission System shall deliver each day at the Receipt Point to PG&E an additional in-kind quantity of gas supply equal to a percent of total volume of gas to be delivered at the Receipt Point. Thus, the quantity to be nominated at the Receipt Point equals the quantity desired at the Delivery Point divided by (1 - *x*) where *x* is the decimal equivalent of the Backbone Transmission System In-Kind Shrinkage Allowance percentage, based on the transmission path utilized as follows:

Path	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance	
Redwood to Off-System	0.9	–	0.9	
Mission to On-System	0	–	0	
Mission to Off-System	0	–	0	
All other transmission	1.1~~3~~(R)	-0.1–(R)	1.0~~3~~ (R~~I~~)	(T)

Provided, however, that PG&E and the Customer shall not be prohibited under this Rule, where shrinkage requirements support a different shrinkage allowance, from mutually agreeing to a different shrinkage allowance for transportation over PG&E's Backbone Transmission System.

(Continued)

GAS RULE NO. 21 Sheet 3
TRANSPORTATION OF GAS

B. QUANTITIES OF GAS (Cont'd.)

1. IN-KIND SHRINKAGE ALLOWANCE (Cont'd.)

b. Distribution Shrinkage

For transportation on PG&E's Distribution System, an additional In-Kind Shrinkage Allowance shall apply, which is separate from backbone transmission and storage shrinkage. The Customer shall deliver each day to PG&E at the Citygate an additional in-kind quantity of gas supply equal to a percent of the total volume of gas flowing through the End-Use Customer's meter. Thus, the quantity to be nominated at the Citygate equals the quantity to be flowed through the meter multiplied by (1 + *y*) where *y* is the decimal equivalent of the Distribution System In-Kind Shrinkage Allowance percentage, as follows:

End-Use Customer	Percentage of In-Kind Shrinkage Base Allowance	Percentage of In-Kind Shrinkage Adjustment	Percentage of Effective In-Kind Shrinkage Allowance	
Core – Summer Season (April - October)	0.6~~8~~ (R)	-0.1 –(R)	0.5~~8~~ (R)	(T)
Core – Winter Season (November – March)	4.0~~3.9~~ (I)	-0.7 –(R)	3.3~~9~~ (R~~I~~)	(T)
Noncore Distribution	0.2	–	0.2	
Noncore Transmission*	–	–	–	

As an example, for a Core End-Use Customer being served via the Redwood Path, the amount to be nominated at Malin is calculated as:

Receipt Point Quantity = Est. Metered Usage x (1 + y) / (1 - x)

Where: x = decimal equivalent of the Backbone Shrinkage percentage, and

y = decimal equivalent of the Distribution Shrinkage percentage

* Noncore Transmission Level End-Use Customers or Agents require no Distribution System In-Kind Shrinkage Allowance.

(Continued)

Attachment 3

Workpapers

PACIFIC GAS AND ELECTRIC COMPANY
Workpaper for In-Kind Shrinkage Allowance Update
Advice 4971-G (effective November 1, 2024)
Shrinkage Base Allowance

Line No.	(A)	(B)	(C)	(D)	(E)	(F)	Line No.
	Forecast Customer Demand is based on data in the 2024 California Gas Report filed August 1, 2024. Forecast Off-system Demand is based on the three-year actual off-system deliveries through July 2024. LUAF and GDU forecasts are based on the five-year average monthly percentage profile of actual LUAF and GDU (through May 2024 -- latest data available as of August 16, 2024.)	12 Month Forecast Throughput	% Served from Distr.	% Served from Trans.	Throughput Served from Trans.	Throughput Served from Distr.	
1	**Noncore Transmission/Distribution Split**	Mdth	Survey Results		Mdth	Mdth	1
2	Industrial	178,432	14.6701%	85.3299%	152,256	26,176	2
3	EG	209,779	0.0000%	100.0000%	209,779	0	3
4	Cogeneration	55,913	17.4400%	82.5600%	46,162	9,751	4
5	Wholesale	3,420	0.0000%	100.0000%	3,420	0	5
6	NGV4	1,456	0.0000%	100.0000%	1,456	0	6
7	Total Noncore (excludes EOR and SEGDA)	449,000			413,072	35,927	7
8	% of Noncore served from Trans. and Distr.				92.00%	8.00%	8

LUAF per Study (from the Gas Accord I Workpapers, 17-2 &17-3)

Splits LUAF noncore volumes between distribution and transmission based on LUAF Study

Line No.		NCTotal	NC Trans.	NC Distr.	Line No.
9					9
10	LUAF (Mcf) - volumes from 1995 BCAP	3,054,276	2,268,089	786,187	10
11	LUAF % (NC Distr Vol/NC Total)		74.26%	25.74%	11
12	Throughput Vol. % - Data from Rate Dept Survey		79.00%	21.00%	12
13	Ratios set for Accord period:				13
14	Calculated as Line 11/Line 12		0.94	1.23	14
15	Calculated as (F) line 14/(E) line 14			1.30	15
16	Noncore % of System LUAF (adopted in 95 BCAP)	22.00%			16

LUAF & GDU Allocations to Transmission and Distribution

Line No.		System Forecast	Core	Noncore	Off-system	NC Trans.	NC Distr.	Line No.
	LUAF Calculations:							
17	LUAF allocated volumes (less off-sys LUAF; core/noncore 78%/22%)	11,161	8,485	2,393	283	2,070	235	17
18	Throughput per forecast (Mdth)	818,040	257,004	475,176	85,860			18
19	Less: SEGDA	0		0				19
20	Totals for Calculation of allocation	818,040	257,004	475,176	85,860			20
21	LUAF as % of throughput (Lines 17/20)	1.364%	3.301%	0.504%	0.330%			21
22	Noncore Trans. LUAF% ((D) line 21 - wtd. per surveys above)					0.501%		22
23	Noncore Distr. LUAF% (D) line 21 - wtd. per surveys above)					0.492%	0.653%	23
24	Off-System LUAF (per D.94-02-042)	0.33%					0.653%	24
	GDU Calculations:							
25	GDU per forecast(Mdth) - Pipeline (Total Plus balancing service storage GDU)	4,748						25
26	GDU % = (B) line 24/(B) line 20	0.580%						26
	Shrinkage (LUAF+GDU)							
27	Noncore Transmission = (B) line 26 + (E) line 22	1.081%						27
28	Noncore Distribution = (B) line 26 + (F) line 23	1.234%						28
29	Core Total = (B) line 26 + (C) line 21	3.882%						29
30	Core Distribution = (B) line 29 - (B) line 27	2.800%						30
31	Off-System Transmission = (B) line 26 + (B) line 24	0.910%						31

Line No.		Core	NC Trans.	NC Dist.	Off-Sys.	Line No.
32	**Proposed Pipeline Shrinkage Allowances - Base Allowance Update**					32
33	Transmission (assumes same % for core and noncore)	1.1%	1.1%	1.1%	0.9%	33
34	Distribution	2.8%	N/A	0.2%	N/A	34
35	Total	3.9%	1.1%	1.2%	0.9%	35

PACIFIC GAS AND ELECTRIC COMPANY
Workpaper for In-Kind Shrinkage Allowance Update
Advice 4971-G (effective November 1, 2024)
Shrinkage Adjustment Allowance

Line No.	(A) *Forecast Customer Demand is based on data in the 2024 California Gas Report filed August 1, 2024. Current over-collection of -3891.32 MDth is amortized over 24 months; resulting in forecast annual credit quantity of approximately -2017.2 MDth. The over collection is allocated in the same methodology as LUAF.*	(B) 12 Month Forecast Throughput	(C) % Served from Distr.	(D) % Served from Trans.	(E) Throughput Served from Trans.	(F) Throughput Served from Distr.	Line No.
1	**Noncore Transmission/Distribution Split**	Mdth	Survey Results		Mdth	Mdth	1
2	Industrial	178,432	14.6701%	85.3299%	152,256	26,176	2
3	EG	209,779	0.0000%	100.0000%	209,779	0	3
4	Cogeneration	55,913	17.4400%	82.5600%	46,162	9,751	4
5	Wholesale	3,420	0.0000%	100.0000%	3,420	0	5
6	NGV4	1,456	0.0000%	100.0000%	1,456	0	6
7	Total Noncore (excludes EOR and SEGDA)	449,000			413,072	35,927	7
8	% of Noncore served from Trans. and Distr.				92.00%	8.00%	8
	LUAF per Study (from the Gas Accord I Workpapers, 17-2 &17-3)						
	Splits LUAF noncore volumes between distribution and transmission based on LUAF Study						
9		NCTotal			NC Trans.	NC Distr.	9
10	LUAF (Mcf) - volumes from 1995 BCAP	3,054,276			2,268,089	786,187	10
11	LUAF % (NC Distr Vol/NC Total)				74.26%	25.74%	11
12	Throughput Vol. % - Data from Rate Dept Survey				79.00%	21.00%	12
13	Ratios set for Accord period:						13
14	Calculated as Line 11/Line 12				0.94	1.23	14
15	Calculated as (F) line 14/(E) line 14					1.30	15
16	Noncore % of System LUAF (adopted in 95 BCAP)	22.00%					16
	LUAF & GDU Allocations to Transmission and Distribution						
	LUAF Calculations:	System Forecast	Core	Noncore	Off-system	NC Trans.	NC Distr.	
17	LUAF allocated volumes (less off-sys LUAF; core/noncore 78%/22%)	(1,945.66)	- 1,518	- 428	-	- 370	- 42	17
18	Throughput per forecast (Mdth)	818,040	257,004	475,176	85,860			18
19	Less: SEGDA	0		0				19
20	Totals for Calculation of allocation	818,040	257,004	475,176	85,860			20
21	LUAF as % of throughput (Lines 17/20)	-0.238%	-0.591%	-0.090%	0.000%			21
22	Noncore Trans. LUAF% ((D) line 21 - wtd. per surveys above)					-0.088%		22
23	Noncore Distr. LUAF% (D) line 21 - wtd. per surveys above)					-0.090%	-0.115%	23
24	Off-System LUAF (per D.94-02-042)	0.00%					-0.117%	24
	GDU Calculations:							
25	GDU per forecast(Mdth) - Pipeline (Total Plus balancing service storage GDU)	-						25
26	GDU % = (B) line 24/(B) line 20	0.000%						26
	Shrinkage (LUAF+GDU)							
27	Noncore Transmission = (B) line 26 + (E) line 22	-0.088%						27
28	Noncore Distribution = (B) line 26 + (F) line 23	-0.115%						28
29	Core Total = (B) line 26 + (C) line 21	-0.591%						29
30	Core Distribution = (B) line 29 - (B) line 27	-0.503%						30
31	Off-System Transmission = (B) line 26 + (B) line 24	0.000%						31
32	**Proposed Pipeline Shrinkage Allowances - Shrinkage Adjustment (Adder)**		Core	NC Trans.	NC Dist.	Off-Sys.		32
33	Transmission (assumes same % for core and noncore)		-0.1%	-0.1%	-0.1%	0.0%		33
34	Distribution		-0.5%	N/A	0.0%	N/A		34
35	Total		-0.6%	-0.1%	-0.1%	0.0%		35

PACIFIC GAS AND ELECTRIC COMPANY
Workpaper for Seasonal Core Distribution Shrinkage Allowance
Advice 4971-G (effective November 1, 2024)

Line No.	Seasonal Core Distribution Shrinkage Base Allowance (A)	(B)	(C)	Line No.
	Seasonal Core Distribution Shrinkage Rate Derivation			
	The Core distribution forecast is based on the customer demand forecast agreed-upon in the 2024 California Gas Report filed August 1, 2024. The Core Distribution Shrinkage Quantity is calculated by multiplying the Annual Core Distribution Demand Forecast by the Annual Core Distribution Shrinkage Percentage. The Core Distribution Shrinkage Quantity is allocated between the summer and winter seasons in the same percentage as the Total LUAF Forecast.			
	Core Customer Demand Forecast			
1		Quantity (MDth)	Percentage	1
2	Annual core distribution demand	257,004		2
3	Summer Season (April -- October) Core Distribution Demand	89,164	34.69%	3
4	Winter season (November -- March) Core Distribution Demand	167,840	65.31%	4
	Total LUAF Forecast			
5	Annual LUAF Forecast	11,161		5
6	Summer Season (April -- October) LUAF Forecast	1,910	7.11%	6
7	Winter Season (November -- March) LUAF Forecast	9,251	92.89%	7
	Core Distribution Shrinkage Quantity			
8	Annual Core Distribution Demand (MDth)	257,004		8
9	Annual Base Core Distribution Shrinkage Percentage	2.800%		9
10	Calculated Base Core Distribution Shrinkage Quantity (MDth)	7,197		10
11	Summer Season Core Distribution Shrinkage Quantity (MDth)	512		11
12	Winter Season Core Distribution Shrinkage Quantity (MDth)	6,685		12
	Seasonal Core Distribution Shrinkage Percentages			
13	Summer Season (April -- October)	0.574%		13
14	Winter Season (November -- March)	3.983%		14
	Seasonal Core Distribution Shrinkage -- Tariff Percentages			
15	Summer Season (April -- October)	0.6%		15
16	Winter Season (November -- March)	4.0%		16
17	Distribution Shrinkage Seasonal Adjustment (based on historical seasonal split between calculated core at CityGate & Burnertip demands)		10%	17

PACIFIC GAS AND ELECTRIC COMPANY
Workpaper for Seasonal Core Distribution Shrinkage Allowance
Advice 4971-G (effective November 1, 2024)

Line No.	Seasonal Core Distribution Shrinkage Base Allowance (A)	(B)	(C)	Line No.
	Seasonal Core Distribution Shrinkage Rate Derivation			
	The Core distribution forecast is based on the customer demand forecast agreed-upon in the 2024 California Gas Report filed August 1, 2024. The Core Distribution Shrinkage Quantity is calculated by multiplying the Annual Core Distribution Demand Forecast by the Annual Core Distribution Shrinkage Percentage. The Core Distribution Shrinkage Quantity is allocated between the summer and winter seasons in the same percentage as the Total LUAF Forecast.			
	Core Customer Demand Forecast			
1		Quantity (MDth)	Percentage	1
2	Annual core distribution demand	257,004		2
3	Summer Season (April -- October) Core Distribution Demand	89,164	34.69%	3
4	Winter season (November -- March) Core Distribution Demand	167,840	65.31%	4
	Total LUAF Forecast			
5	Annual LUAF Forecast	-1,946		5
6	Summer Season (April -- October) LUAF Forecast	-138	7.11%	6
7	Winter Season (November -- March) LUAF Forecast	-1,807	92.89%	7
	Core Distribution Shrinkage Quantity			
8	Annual Core Distribution Demand (MDth)	257,004		8
9	Annual Base Core Distribution Shrinkage Percentage	-0.503%		9
10	Calculated Base Core Distribution Shrinkage Quantity (MDth)	-1,292		10
11	Summer Season Core Distribution Shrinkage Quantity (MDth)	-92		11
12	Winter Season Core Distribution Shrinkage Quantity (MDth)	-1,200		12
	Seasonal Core Distribution Shrinkage Percentages			
13	Summer Season (April -- October)	-0.103%		13
14	Winter Season (November -- March)	-0.715%		14
	Seasonal Core Distribution Shrinkage -- Tariff Percentages			
15	Summer Season (April -- October)	-0.1%		15
16	Winter Season (November -- March)	-0.7%		16
17	Distribution Shrinkage Seasonal Adjustment (based on historical seasonal split between calculated core at CityGate & Burnertip demands)		10%	17

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

BART
Buchalter
Barkovich & Yap, Inc.
Braun Blaising Smith Wynne, P.C.

California Community Choice Association
California Cotton Ginners & Growers Association
California Energy Commission
California Hub for Energy Efficiency
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
Communities Association (WMA)

Davis Wright Tremaine LLP

Day Carter Murphy
Dept of General Services
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 LLP

ICF consulting
iCommLaw

International Power Technology

Intertie
Intestate Gas Services, Inc.

Kelly Group

Ken Bohn Consulting
Keyes & Fox LLP

Leviton Manufacturing Co., Inc.
Los Angeles County Integrated Waste Management Task Force

MRW & Associates
Manatt Phelps Phillips
Marin Energy Authority
McClintock IP
McKenzie & Associates
Modesto Irrigation District

NOSSAMAN LLP
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
Rockpoint Gas Storage

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