

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



April 27, 2020

**Advice Letter 4149-G**

Erik Jacobson  
Director, Regulatory Relations  
Pacific Gas and Electric Company  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, CA 94177

**SUBJECT: October 1, 2019 Noncore Gas Transportation Rate Changes and  
Illustrative Core Gas Transmission Rate Changes Resulting from the 2019  
Gas Transmission and Storage D.19-09-025**

Dear Mr. Jacobson:

Advice Letter 4149-G is effective as of October 1, 2019.

Sincerely,

A handwritten signature in cursive script that reads 'Edward Randolph'.

Edward Randolph  
Deputy Executive Director for Energy and Climate Policy/  
Director, Energy Division

September 24, 2019

**Advice 4149-G**

(Pacific Gas and Electric Company ID U 39 G)

Public Utilities Commission of the State of California

**Subject:      October 1, 2019 Noncore Gas Transportation Rate Changes and  
Illustrative Core Gas Transportation Rate Changes Resulting from  
the 2019 Gas Transmission and Storage D.19-09-025**

Pacific Gas and Electric Company (PG&E) submits for submittal revisions to its gas tariffs. The affected tariff sheets are listed on the enclosed Attachment 7.

**Purpose**

This advice letter implements the revenue requirements approved in PG&E's 2019 Gas Transmission and Storage (GT&S) Decision (D.) 19-09-025 (the Decision) and the related noncore gas transportation rate changes effective October 1, 2019. This advice letter also provides illustrative core transportation rates resulting from this decision. A separate advice letter for core transportation rate changes will be submitted on September 24, 2019 to consolidate the core transportation rates approved in D.19-09-025 with core procurement rates in PG&E's monthly gas pricing advice letter.

**Background**

On November 17, 2017, PG&E filed an application at the CPUC requesting that the Commission adopt its gas transmission & storage (GT&S) revenue requirement, cost allocation, and rate design for the period of 2019-2022. On September 12, 2019, the CPUC voted to adopt the Decision and address the issues before the Commission related to PG&E's application. PG&E submits this Advice Letter to implement Ordering Paragraph (OP) 1, OP 3, and OP 5 of the Decision.

- Ordering Paragraph 1 authorizes PG&E "to collect, through rates and authorized rate making accounting mechanisms, the adopted revenue requirements set forth in Appendix C and E of this decision for the rate case period."
- Ordering Paragraph 3 requires PG&E to "file a Tier 1 Advice Letter with a requested effective date of October 1, 2019, to implement the adopted rates, subject to Energy Division approval."

- Ordering Paragraph 5 directs that the “under-collection in the Gas Transmission and Storage Memorandum Account shall be amortized over 15 months, starting on October 1, 2019.”

PG&E filed a motion on February 8, 2018, requesting the Commission to authorize a January 1, 2019 revenue requirement effective date should a final decision not be issued by December 2018. On December 11, 2018, the CPUC issued an ALJ Ruling approving PG&E’s request. The ALJ Ruling directed PG&E to submit a Tier 1 advice letter to “make any modifications to its Gas Transmission and Storage Memorandum Account that are necessary to record the difference in rates on January 1, 2019, and the rates to be adopted in the final decision in this proceeding”.

In Advice Letter 4055-G, PG&E modified the GT&S Memorandum Account (GTSMA) to account to record the differences between PG&E’s current 2019 revenue requirements for its gas transmission and storage operations and services and the 2019 revenue requirements ultimately adopted in the final decision of Application 17-11-009. Accordingly, PG&E has been recording noncore revenues and placeholder GT&S revenue requirements incorporated into rates in the GTSMA since January 1, 2019.

For both core and noncore revenues, the GTSMA includes activity related to the difference between the placeholder revenue requirements currently in rates and final GT&S revenue requirements. Therefore, implementing the 2019 GT&S revenue requirements, including the 2019 GT&S undercollection, requires transferring activity from the GTSMA to the accounts/mechanisms where the revenue requirements are recovered. As discussed in more detail below, core activity<sup>1</sup> will be transferred to the Core Fixed Cost Account and noncore activity will be transferred to the GTSRSM.

### **2019 Revenue Requirements**

Decision 19-09-025 authorizes the 2019-2022 GT&S revenue requirements. The total 2019 GT&S revenue requirement is \$1,332 million. The decision authorizes PG&E to collect the difference between the final GT&S revenue requirements authorized by the decision and the placeholder revenue requirements in rates prior to the implementation of the final authorized amounts over 15 months. This “undercollection” is \$74.5 million, resulting in an annualized revenue requirement of \$59.6 million collected from October 1, 2019 through December 31, 2020<sup>2</sup>. Attachment 1 through 2 of this advice letter shows the total change in the GT&S revenue compared to the amount currently recovered in gas rates. Attachments 3 through 5 show illustrative gas rate changes resulting from the 2019 revenue requirements authorized by D.19-09-025 and the amortization of the undercollection. Attachment 6 includes the following tables: Core and Noncore GT&S revenue responsibility, 2019 GT&S Undercollection, and PG&E’s

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<sup>1</sup> Core backbone usage revenues will be transferred to the GTSRSM, consistent with the operation of that mechanism.

<sup>2</sup> See Appendix H, Table 2 of D.19-09-025.

backbone transmission rates, local transmission rates, storage rates, customer access charges, and the self-balancing credit, consistent with Appendix H of D.19-09-025.

In addition, PG&E is returning \$63.8 million in unspent funds recorded to the Engineering Critical Assessment Balancing Account (ECABA) as ordered in Decision 16-06-056<sup>3</sup>. Note that the two other accounts<sup>4</sup> that were adopted in D.16-06-056 to track costs up to the adopted 2015 GT&S funding, were overspent and therefore no refund has been included as part of this advice submittal.

### **Tariff Revisions**

Tariff revisions ordered in D. 19-09-025 will be made through separate advice submittals. All other rate schedules reflecting noncore transportation rate changes and preliminary statement changes typically included in PG&E's Annual Gas True-Up are attached.

### **Protests**

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than October 14, 2019, which is 20 days after the date of this submittal. Protests must be submitted to:

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

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

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

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

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<sup>3</sup> See also Advice Letter 3803-G and Gas Preliminary Statement, Part DQ.

<sup>4</sup> The Transmission Integrity Management Program Balancing Account and the Work Required by Others Balancing Account

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

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

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

### **Effective Date**

Pursuant to General Order (GO) 96-B, Rule 5.1, and OP 3 of D.19-09-025, this advice letter is submitted with a Tier 1 designation. PG&E requests that this **Tier 1** advice submittal become effective on October 1, 2019.

### **Notice**

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for A.17-11-009. 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/>.

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/S/

Erik Jacobson  
Director, Regulatory Relations

Attachments

cc: Service List A.17-11-009



# 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 G)

Utility type:

- ELC       GAS       WATER  
 PLC       HEAT

Contact Person: Annie Ho  
 Phone #: (415) 973-8794  
 E-mail: PGETariffs@pge.com  
 E-mail Disposition Notice to: AMHP@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) #: 4149-G

Tier Designation: 1

Subject of AL: October 1, 2019 Noncore Gas Transportation Rate Changes and Illustrative Core Gas Transportation Rate Changes Resulting from the 2019 Gas Transmission and Storage D.19-09-025

Keywords (choose from CPUC listing): Compliance, Procurement

AL Type:  Monthly  Quarterly  Annual  One-Time  Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.19-09-025

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:

No. of tariff sheets: 34

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 7

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

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

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

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

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

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

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

## ATTACHMENT 1

**PACIFIC GAS AND ELECTRIC COMPANY**  
**OCTOBER 1, 2019 RATE CHANGE**  
**2019 ANNUAL END-USE TRANSPORTATION, GAS TRANSMISSION AND STORAGE REVENUE REQUIREMENTS,**  
**AND PUBLIC PURPOSE PROGRAMS AUTHORIZED FUNDING**  
**(\$ THOUSANDS)**

Line No.	A Present in Rates as of 8/1/19	B Proposed as of 10/1/2019	C Total Change	D Core	E Noncore / Unbundled	Line No.	
<b>END-USE GAS TRANSPORTATION</b>							
1	Gas Transportation Balancing Accounts	364,357	343,266	(21,091)	(11,263)	(9,828)	1
2	GRC Distribution Base Revenues (includes distribution portion of Cost of Capital)	1,921,788	1,921,788	-	-	-	2
3	Pension - Distribution	47,699	47,699	-	-	-	3
4	Pension - Gas Transmission & Storage	18,013	18,013	-	-	-	4
5	Self Generation Incentive Program Revenue Requirement	12,990	12,990	-	-	-	5
6	CPUC Fee	11,661	11,661	-	-	-	6
7	Core Brokerage Fee Credit	(6,583)	(6,583)	-	-	-	7
8	Greenhouse Compliance Operational Cost (excluding RF&U)	19,428	19,428	-	-	-	8
9	Greenhouse Compliance Cost (excluding RF&U)	167,734	167,734	-	-	-	9
10	Greenhouse Compliance Revenue Return (including RF&U)	(128,831)	(128,831)	-	-	-	10
11	Less CARE discount recovered in PPP surcharge from non-CARE customers	(126,435)	(126,435)	-	-	-	11
12	RF&U	7,702	6,849	(853)	(515)	(338)	12
13	Total Transportation RRQ with Adjustments and Credits	2,309,523	2,287,579	(21,944)	(11,778)	(10,166)	13
14	Procurement-Related G-10 Total	(650)	(698)	(48)	(47)	-	14
15	Procurement-Related G-10 Total Allocated	650	698	48	19	29	15
16	Total Transportation Revenue Requirements Reallocated	2,309,523	2,287,579	(21,944)	(11,807)	(10,137)	16
Gas Transmission & Storage (GT&S) Transportation Revenue Requirements (RRQ)							
17	Local Transmission	814,428	799,286	(15,142)	(319)	(14,823)	17
18	Customer Access	2,507	2,428	(79)	-	(79)	18
19	Total GT&S Transportation RRQ	816,935	801,714	(15,221)	(319)	(14,903)	19
2019 GT&S Late Implementation <sup>1</sup>							
21	Local Transmission	13,428	17,595	4,167	8,788	(4,621)	21
22	Backbone	3,980	10,575	6,595	13,487	(6,892)	22
23	Storage	76	43,083	43,007	41,387	1,620	23
24	Total 2019 GT&S Late Implementation	17,484	71,253	53,769	63,662	(9,893)	24
25		17,484	71,253	53,769	63,662	(9,893)	25
26	<b>Total End-Use Gas Transportation RRQ</b>	<b>3,143,942</b>	<b>3,160,546</b>	<b>16,604</b>	<b>51,536</b>	<b>(34,933)</b>	26
<b>PUBLIC PURPOSE PROGRAMS (PPP) FUNDING</b>							
27	Energy Efficiency	67,877	67,877	-	-	-	27
28	Energy Savings Assistance	77,547	77,547	-	-	-	28
29	Research and Development and BOE/CPUC Admin Fees	11,221	11,221	-	-	-	29
30	CARE Administrative Expense	3,737	3,737	-	-	-	30
31	Statewide Marketing, Education & Outreach	854	854	-	-	-	31
32	Total Authorized PPP Funding	161,236	161,236	-	-	-	32
33	PPP Surcharge Balancing Accounts	(25,636)	(25,636)	-	-	-	33
34	CARE discount recovered from non-CARE customers	126,435	126,435	-	-	-	34
35	<b>Total PPP Required Funding</b>	<b>262,035</b>	<b>262,035</b>	<b>-</b>	<b>-</b>	<b>-</b>	35
<b>GT&amp;S UNBUNDLED COSTS</b>							
36	Backbone Transmission	217,083	204,980	(12,103)	-	(12,103)	36
37	Storage	13,783	17,179	3,396	-	3,396	37
38	<b>Total GT&amp;S Unbundled</b>	<b>230,866</b>	<b>222,159</b>	<b>(8,707)</b>	<b>-</b>	<b>(8,707)</b>	38
39	<b>TOTAL REVENUE REQUIREMENTS</b>	<b>3,636,843</b>	<b>3,644,740</b>	<b>7,897</b>	<b>51,536</b>	<b>(43,640)</b>	39

**Notes:**

A positive balance represents an under-collection. A negative balance represents an over-collection. Some numbers may not add precisely due to rounding.

1) See Appendix H, Table 2 of D.19-09-025. Note Noncore portion of NGSS Enduser Depreciation/Decommissioning as shown on line 9 of Attachment H, Table 2 (\$5.8M annual RRQ) is included in Local Transmission Balancing Accounts.

As of January 1, 2019 AGT (AL 4053-G), also includes the IRS Private Letter Ruling (AL-3909-G) revenue requirement increase.

## ATTACHMENT 1A

PACIFIC GAS AND ELECTRIC COMPANY  
OCTOBER 1, 2019 RATE CHANGE2019 ANNUAL END-USE TRANSPORTATION, GAS TRANSMISSION AND STORAGE REVENUE REQUIREMENTS,  
AND PUBLIC PURPOSE PROGRAMS AUTHORIZED FUNDING ALLOCATION TO CORE/NONCORE/UNBUNDLED  
(\$ THOUSANDS)

Line No.		Proposed as of 10/1/2019	Core	Noncore / Unbundled	Line No.
<b>END-USE GAS TRANSPORTATION</b>					
1	Gas Transportation Balancing Accounts	343,266	312,603	30,663	1
2	GRC Distribution Base Revenues	1,921,788	1,854,883	66,905	2
3	Pension - Distribution	47,699	46,038	1,661	3
4	Pension - Gas Transmission & Storage	18,013	11,436	6,577	4
5	Self Generation Incentive Program Revenue Requirement	12,990	5,149	7,841	5
6	CPUC Fee	11,661	7,155	4,506	6
7	Core Brokerage Fee Credit	(6,583)	(6,583)	-	7
8	Greenhouse Compliance Obligation Cost (excluding RF&U)	19,428	7,662	11,766	8
9	Greenhouse Compliance Cost (excluding RF&U)	167,734	136,322	31,412	9
10	Greenhouse Compliance Revenue Return (excluding RF&U)	(128,831)	(128,831)	-	10
	Less CARE discount recovered in PPP surcharge from non-CARE customers	(126,435)	(126,435)	-	
11					11
12	FF&U	6,849	5,899	950	12
13	Total Transportation RRQ with Adjustments and Credits	2,287,579	2,125,298	162,281	13
14	Procurement-Related G-10 Total	(698)	(698)	-	14
15	Procurement-Related G-10 Total Allocated	698	275	423	15
16	Total Transportation Revenue Requirements Reallocated	2,287,579	2,124,875	162,702	16
Gas Transmission & Storage (GT&S) Transportation Revenue Requirements (RRQ)					
17	Local Transmission	799,286	551,496	247,789	17
18	Customer Access	2,428	-	2,428	18
19	Total GT&S Transportation RRQ	801,714	551,496	250,217	19
20	2019 GT&S Late Implementation				20
21	Local Transmission	17,595	17,842	(247)	21
22	Backbone	10,575	14,966	(4,391)	22
23	Storage	43,083	41,451	1,632	23
24	Total 2019 GT&S Late Implementation	71,253	74,259	(3,006)	24
25	<b>Total End-Use Gas Transportation RRQ</b>	<b>3,160,546</b>	<b>2,750,630</b>	<b>409,913</b>	25
<b>PUBLIC PURPOSE PROGRAMS (PPP) FUNDING</b>					
26	Energy Efficiency	67,877	61,078	6,799	26
27	Energy Savings Assistance	77,547	69,780	7,767	27
28	Research and Development and BOE/CPUC Admin Fees	11,221	6,516	4,704	28
29	CARE Administrative Expense	3,737	2,026	1,710	29
30	Statewide Marketing, Education & Outreach	854	768	86	30
31	Total Authorized PPP Funding	161,236	140,169	21,066	31
32	PPP Surcharge Balancing Accounts	(25,636)	(15,076)	(10,560)	32
33	CARE discount recovered from non-CARE customers	126,435	68,565	57,869	33
34	<b>Total PPP Required Funding</b>	<b>262,035</b>	<b>193,659</b>	<b>68,376</b>	34
<b>GT&amp;S UNBUNDLED COSTS</b>					
35	Backbone Transmission	204,980	-	204,980	35
36	Storage	17,179	-	17,179	36
37	<b>Total GT&amp;S Unbundled</b>	<b>222,159</b>	<b>-</b>	<b>222,159</b>	37
38	<b>TOTAL REVENUE REQUIREMENTS</b>	<b>3,644,740</b>	<b>2,944,289</b>	<b>700,448</b>	38

**Notes:**

A positive balance represents an under-collection. A negative balance represents an over-collection.  
Some numbers may not add precisely due to rounding.

**PACIFIC GAS AND ELECTRIC COMPANY  
OCTOBER 1, 2019 RATE CHANGE  
BALANCING ACCOUNT FORECAST SUMMARY**

(\$ THOUSANDS)

Line No.		Balance		Allocation		Nov. 2018 Recorded Dec. 2018 Forecast	Nov. 2018 Recorded Dec. 2018 Forecast	Core	Noncore	Line No.
		Nov. 2018 Recorded Dec. 2018 Forecast	Nov. 2018 Recorded Dec. 2018 Forecast	Core	Noncore					
		A	B	C	A	B	C			
<b>GAS TRANSPORTATION BALANCING ACCOUNTS</b>										
1	Core Fixed Cost Account (CFCA) - Distribution Cost Subaccount	\$235,566	\$235,566	\$0	\$235,566	\$235,566	\$0			1
2	CFCA - Core Cost Subaccount	\$11,370	\$11,370	\$0	\$11,370	\$11,370	\$0			2
3	Noncore Customer Class Charge Account (NCA) - Noncore Subaccount	(\$10,586)	\$0	(\$10,586)	(\$10,586)	\$0	(\$10,586)			3
4	NCA - Distribution Subaccount	(\$4,282)	\$0	(\$4,282)	(\$4,282)	\$0	(\$4,282)			4
5	Core Brokerage Fee Balancing Account	\$1,030	\$1,030	\$0	\$1,030	\$1,030	\$0			5
6	Hazardous Substance Mechanism	\$91,470	\$36,073	\$55,396	\$91,470	\$36,073	\$55,396			6
7	Balancing Charge Account	\$1,489	\$587	\$902	1,489	\$587	\$902			7
8	GT&S Ex Parte Penalty	(\$63,500)	(\$38,322)	(\$25,178)	(63,500)	(\$38,322)	(\$25,178)			8
9	Customer Energy Efficiency Incentive Recovery Account - Gas	\$612	\$607	\$5	612	\$607	\$5			9
10	California Solar Initiative Thermal Program Memorandum Account	\$7,358	\$4,350	\$3,008	7,358	\$4,350	\$3,008			10
11	Adjustment Mechanism of Costs Determined in Other Proceedings	\$37,952	\$18,976	\$18,977	37,952	\$18,976	\$18,977			11
12	Non-Tariffed Products and Services Balancing Account	(\$351)	(\$351)	\$0	(351)	(\$351)	\$0			12
13	AB 32 Cost of Implementation Fee	\$5,976 (2)	\$2,981	\$2,994	\$5,976	\$2,981	\$2,994			13
14	Gas Pipeline Expense Reimbursement Balancing Account	\$302	\$180	\$122	302	\$180	\$122			14
15	Engineering Critical Assessment Balancing Account	(\$63,847)	(\$38,532)	(\$25,315)	-	\$0	\$0			15
16	Natural Gas Leak Abatement Program Balancing Account	\$4,689	\$3,974	\$715	4,689	\$3,974	\$715			16
17	New Environmental Regulations Balancing Account	\$38,300	\$36,000	\$2,300	38,300	\$36,000	\$2,300			17
18	Pension Contribution Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0			18
19	NGSS Enduser Depreciation/Decommissioning	\$42,756 (3)	\$27,269	\$15,487	-	\$0	\$0			19
20	GT&S Revenue Sharing Mechanism	(\$8,867) (4)	(\$4,433)	(\$4,433)	(8,867)	(\$4,433)	(\$4,433)			20
21	Mobile Home Park Balancing Account	\$15,829	\$15,278	\$551	15,829	\$15,278	\$551			21
22	<b>Subtotal Transportation Balancing Accounts</b>	<b>\$343,266</b>	<b>\$312,603</b>	<b>\$30,663</b>	<b>\$364,357</b>	<b>\$323,866</b>	<b>\$40,491</b>			22
<b>PUBLIC PURPOSE PROGRAM (PPP) SURCHARGE BALANCING ACCOUNTS (5)</b>										
23	PPP-Energy Efficiency	(\$4,064)	(\$3,657)	(\$407)	(\$4,064)	(\$3,657)	(\$407)			23
24	PPP-Low Income Energy Efficiency	\$795	\$716	\$80	\$795	\$716	\$80			24
25	PPP-Research Development and Demonstration	(\$128)	(\$75)	(\$54)	(\$128)	(\$75)	(\$54)			25
26	California Alternate Rates for Energy Account	(\$22,239)	(\$12,060)	(\$10,179)	(\$22,239)	(\$12,060)	(\$10,179)			26
27	<b>Subtotal Public Purpose Program Balancing Accounts</b>	<b>(\$25,636)</b>	<b>(\$15,076)</b>	<b>(\$10,560)</b>	<b>(\$25,636)</b>	<b>(\$15,076)</b>	<b>(\$10,560)</b>			27
28	<b>TOTAL BALANCING ACCOUNTS</b>	<b>\$317,630</b>	<b>\$297,527</b>	<b>\$20,103</b>	<b>\$338,721</b>	<b>\$308,790</b>	<b>\$29,931</b>			28

**Footnotes:**

- These balances are the forecasted balances as of December 2017. The December 2017 ending balances that were provided in the 2018 AGT AL 3919-G were the forecasted balances (based on recorded balances as of November 2017 with a forecast of December 2017 activity).
- This amount reflects the total forecast balance of the AB 32 Cost of Implementation Fee Core subaccount in the CFCA and the Noncore subaccount of the NCA. The total forecast balance is allocated on an equal-cents-per term basis.
- Noncore portion of NGSS Enduser Depreciation/Decommissioning undercollection as shown on line 9 of Attachment H, Table 2 (\$5.8M annual RRQ) is included.
- The balance shown is the September 30, 2018 recorded balance, which will be transferred evenly (50/50) to the CFCA and NCA after the approval of the AGT advice letter.
- The PPP-related balances (based on Sept 2018 recorded) were included in the 2019 PPP Gas Surcharge filed in AL 4037-G on October 31, 2018.

**Notes:**

A positive balance represents an under-collection. A negative balance represents an over-collection.  
Some numbers may not add precisely due to rounding.

**ATTACHMENT 3  
PACIFIC GAS AND ELECTRIC COMPANY  
10/1/19 GT&S implementation**

**AVERAGE END-USER GAS TRANSPORTATION RATES AND PUBLIC PURPOSE PROGRAM SURCHARGES  
(\$/th; Annual Class Averages)<sup>(3)</sup>**

Line

No.	Customer Class	August 1, 2019 GTS Undercollect Removal (A)			10/1/19 GT&S implementation			Percentage Change from August 1, 2019 GTS Undercollect Removal		
		Transportation <sup>(1, 5)</sup>	G-PPPS <sup>(2)</sup>	Total	Transportation	G-PPPS	Total	Transportation	G-PPPS	Total
<b>RETAIL CORE</b>										
1	Residential Non-CARE <sup>(4)</sup>	\$1.170	\$0.090	\$1.260	\$1.197	\$0.090	\$1.288	2.4%	0.0%	2.2%
2	Small Commercial Non-CARE <sup>(4)</sup>	\$0.742	\$0.043	\$0.785	\$0.765	\$0.043	\$0.808	3.1%	0.0%	2.9%
3	Large Commercial	\$0.446	\$0.095	\$0.542	\$0.466	\$0.095	\$0.561	4.3%	0.0%	3.6%
4	NGV1 - (uncompressed service)	\$0.360	\$0.028	\$0.388	\$0.378	\$0.028	\$0.406	5.1%	0.0%	4.7%
5	NGV2 - (compressed service)	\$1.844	\$0.028	\$1.872	\$1.879	\$0.028	\$1.907	1.9%	0.0%	1.9%
<b>RETAIL NONCORE - NONCOVERED ENTITIES<sup>(6)</sup></b>										
6	Industrial - Distribution	\$0.320	\$0.044	\$0.363	\$0.322	\$0.044	\$0.366	0.7%	0.0%	0.6%
7	Industrial - Transmission	\$0.165	\$0.034	\$0.199	\$0.167	\$0.034	\$0.201	1.2%	0.0%	1.0%
8	Industrial - Backbone	\$0.071	\$0.034	\$0.105	\$0.068	\$0.034	\$0.102	(4.6%)	0.0%	(3.1%)
9	Electric Generation - Transmission (G-EG-D/LT)	\$0.154		\$0.154	\$0.156		\$0.156	1.6%		1.6%
10	Electric Generation - Backbone (G-EG-BB)	\$0.069		\$0.069	\$0.066		\$0.066	(4.7%)		(4.7%)
11	NGV 4 - Distribution (uncompressed service)	\$0.320	\$0.028	\$0.348	\$0.322	\$0.028	\$0.350	0.7%	0.0%	0.6%
12	NGV 4 - Transmission (uncompressed service)	\$0.155	\$0.028	\$0.183	\$0.157	\$0.028	\$0.185	1.3%	0.0%	1.1%
<b>WHOLESALE CORE AND NONCORE (G-WSL) (1)</b>										
13	Alpine Natural Gas	\$0.102		\$0.102	\$0.105		\$0.105	2.5%		2.5%
14	Coalinga	\$0.103		\$0.103	\$0.105		\$0.105	2.5%		2.5%
15	Island Energy	\$0.114		\$0.114	\$0.114		\$0.114	0.2%		0.2%
16	Palo Alto	\$0.100		\$0.100	\$0.102		\$0.102	2.2%		2.2%
17	West Coast Gas - Castle	\$0.308		\$0.308	\$0.310		\$0.310	0.6%		0.6%
18	West Coast Gas - Mather Distribution	\$0.370		\$0.370	\$0.372		\$0.372	0.7%		0.7%
19	West Coast Gas - Mather Transmission	\$0.104		\$0.104	\$0.106		\$0.106	2.4%		2.4%

- (1) Transportation Only rates include: i) a transportation component that recovers customer class charges, customer access charges, CPUC fees, local transmission (where applicable), distribution costs (where applicable), and AB32 Cost of Implementation Fee (wholesale and certain large customers are directly billed by the Air Resource board, and are exempt from PG&E's AB32 COI rate component of \$0.00104 per therm). Transport only customers must arrange for their own gas purchases and transportation to PG&E's citygate/local transmission system.
- (2) D. 04-08-010 authorized PG&E to remove the gas public purpose program surcharge that recovers the costs of low income California Alternate Rates for Energy (CARE), low income energy efficiency, energy efficiency, Research Development and Demonstration program and BOE/CPUC Administration costs from transportation rates and into its own separate surcharge tariff. Certain customers are exempt from paying the PPP surcharge; see tariff G-PPPS for details. G-PPPS rates are determined annually in PG&E's PPP Filing.
- (3) Rates are rounded to 3 decimals for viewing ease. Percentage rate changes are calculated on a 5-digit basis.
- (4) CARE Customers receive a 20% discount off of PG&E's total bundled rate and are exempt from the CARE portion of PG&E's Public Purpose Program Surcharge (G-PPPS) rates and cost recovery of the California Solar Initiative Thermal Program.
- (5) Billed Transportation rates paid by all customers include an additional GHG Compliance Cost of \$0.04781 and Operational Cost component of \$0.00268
- (6) Covered Entities within classes and the wholesale class (i.e. customers that currently have a direct obligation to pay for allowances directly to the Air Resources Board) will see a line item credit on their bill equal to the GHG Compliance Cost \$0.04781 per therm times their monthly billed volumes.

**Attachment 4**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**10/1/19 GT&S IMPLEMENTATION**  
**SUMMARY OF RATES (excluding procurement) BY CLASS BY MAJOR ELEMENTS**  
**(\$/th; Annual Class Averages)<sup>(9)</sup>**

	Core Retail						Noncore Retail						
	Non-CARE Residential	Sml Com.	Lg. Comm.	G-NGV1 (Uncompressed)	G-NGV2 (Compressed)	Distribution	Industrial			G-NGV 4		Electric Generation	
							Transmission	BB-Level Serv.	Distribution	Transmission	Dist./Trans.	BB-Level Serv.	
<b>TRANSPORTATION CHARGE COMPONENTS</b>													
1 Local Transmission (1)	\$ .20198	\$ .20198	\$ .20198	\$ .20198	\$ .20198	\$ .09226	\$ .09226	\$ .00000	\$ .09226	\$ .09226	\$ .09226	\$ .00000	\$ .00000
2 Self Generation Incentive Program	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180	\$ .00180
3 CPUC Fee (3)	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00010	\$ .00010
4 AB32 Air Resource Board Cost of Implementation Fee (8)	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104	\$ .00104
5 AB32 Greenhouse Gas Compliance & Obligation Cost	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049
6 Balancing Accounts (2)	\$ .12620	\$ .06517	\$ .02231	\$ .00977	\$ .22517	\$ .00139	\$ .00693	\$ .01132	\$ .00139	\$ .00728	\$ .00539	\$ .00943	\$ .00943
8 <b>2019 GT&amp;S Late Implementation Shortfall Amortization</b>	\$ .02720	\$ .02720	\$ .02720	\$ .02720	\$ .02720	(\$ .00087)	(\$ .00087)	(\$ .00077)	(\$ .00087)	(\$ .00087)	(\$ .00087)	(\$ .00087)	(\$ .00077)
9 GT&S Pension	\$ .00395	\$ .00395	\$ .00395	\$ .00395	\$ .00395	\$ .00179	\$ .00179	\$ .00055	\$ .00179	\$ .00179	\$ .00179	\$ .00179	\$ .00055
10 Distribution - Annual Average (6)	\$ .78213	\$ .35159	\$ .14996	\$ .07834	\$ 1.36483	\$ .16780	\$ .01032		\$ .16780		\$ .00323	\$ .00323	
<b>VOLUMETRIC RATE - Average Annual</b>	<b>\$ 1.19729</b>	<b>\$ .70573</b>	<b>\$ .46123</b>	<b>\$ .37706</b>	<b>\$ 1.87896</b>	<b>\$ .31821</b>	<b>\$ .16626</b>	<b>\$ .06694</b>	<b>\$ .31821</b>	<b>\$ .15630</b>	<b>\$ .15524</b>	<b>\$ .06588</b>	
<b>CUSTOMER ACCESS CHARGE - Class Average Volumetric Equivalent (4)</b>		<b>\$ .05888</b>	<b>\$ .00449</b>	<b>\$ .00120</b>		<b>\$ .00388</b>	<b>\$ .00076</b>	<b>\$ .00081</b>	<b>\$ .00388</b>	<b>\$ .00076</b>	<b>\$ .00086</b>	<b>\$ .00026</b>	
<b>CLASS AVERAGE TRANSPORTATION RATE</b>	<b>\$ 1.19729</b>	<b>\$ .76461</b>	<b>\$ .46572</b>	<b>\$ .37826</b>	<b>\$ 1.87896</b>	<b>\$ .32208</b>	<b>\$ .16702</b>	<b>\$ .06775</b>	<b>\$ .32208</b>	<b>\$ .15706</b>	<b>\$ .15610</b>	<b>\$ .06614</b>	
<b>PUBLIC PURPOSE PROGRAM SURCHARGE/TAX (5)</b>	<b>\$ .09047</b>	<b>\$ .04319</b>	<b>\$ .09542</b>	<b>\$ .02811</b>	<b>\$ .02811</b>	<b>\$ .04351</b>	<b>\$ .03439</b>	<b>\$ .03439</b>	<b>\$ .02811</b>	<b>\$ .02811</b>			
<b>END-USE RATE (7)</b>	<b>\$ 1.28776</b>	<b>\$ .80780</b>	<b>\$ .56114</b>	<b>\$ .40637</b>	<b>\$ 1.90707</b>	<b>\$ .36559</b>	<b>\$ .20141</b>	<b>\$ .10214</b>	<b>\$ .35019</b>	<b>\$ .18517</b>	<b>\$ .15610</b>	<b>\$ .06614</b>	

	Wholesale						
	Coalinga	Palo Alto	WC Gas Mather		Island Energy	Alpine	WC Gas Castle
			Dist.	Trans.			
<b>TRANSPORTATION CHARGE COMPONENTS</b>							
15 Local Transmission (1)	\$ .09226	\$ .09226	\$ .09226	\$ .09226	\$ .09226	\$ .09226	\$ .09226
16 Self Generation Incentive Program	WHOLESALE CUSTOMERS EXEMPT FROM SGIP, AB32 COI, and CPUC FEE RATE COMPONENTS						
17 CPUC Fee (3)	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000
18 AB32 Air Resource Board Cost of Implementation Fee (8)	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000
19 AB32 Greenhouse Gas Compliance & Obligation Cost	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049	\$ .05049
20 Balancing Accounts (2)	\$ .00550	\$ .00550	(\$ .00397)	\$ .00550	\$ .00550	\$ .00550	(\$ .00166)
21 2019 GT&S Late Implementation Shortfall Amortization	(\$ .00087)	(\$ .00087)	(\$ .00087)	(\$ .00087)	(\$ .00087)	(\$ .00087)	(\$ .00087)
22 GT&S Pension	\$ .00179	\$ .00179	\$ .00179	\$ .00179	\$ .00179	\$ .00179	\$ .00179
23 Distribution - Annual Average			\$ .27558				\$ .20811
<b>VOLUMETRIC RATE - Average Annual</b>	<b>\$ .14917</b>	<b>\$ .14917</b>	<b>\$ .41528</b>	<b>\$ .14917</b>	<b>\$ .14917</b>	<b>\$ .14917</b>	<b>\$ .35012</b>
<b>CUSTOMER ACCESS CHARGE - Class Average Volumetric Equivalent (4)</b>	<b>\$ .00385</b>	<b>\$ .00091</b>	<b>\$ .00484</b>	<b>\$ .00484</b>	<b>\$ .01268</b>	<b>\$ .00352</b>	<b>\$ .00767</b>
<b>CLASS AVERAGE TRANSPORTATION RATE</b>	<b>\$ .15302</b>	<b>\$ .15008</b>	<b>\$ .42011</b>	<b>\$ .15401</b>	<b>\$ .16185</b>	<b>\$ .15269</b>	<b>\$ .35779</b>
	Wholesale Customers Exempt from Public Purpose Program Surcharge						
<b>PUBLIC PURPOSE PROGRAM SURCHARGE/TAX (5)</b>							
27 <b>END-USE RATE</b>	<b>\$ .15302</b>	<b>\$ .15008</b>	<b>\$ .42011</b>	<b>\$ .15401</b>	<b>\$ .16185</b>	<b>\$ .15269</b>	<b>\$ .35779</b>
28 <b>GHG COMPLIANCE COST EXEMPTION(9)</b>	<b>\$ .04781</b>	<b>\$ .04781</b>	<b>\$ .04781</b>	<b>\$ .04781</b>	<b>\$ .04781</b>	<b>\$ .04781</b>	<b>\$ .04781</b>
<b>END-USE RATE EXCLUDING GHG COMPLIANCE</b>	<b>\$ .10521</b>	<b>\$ .10227</b>	<b>\$ .37230</b>	<b>\$ .10620</b>	<b>\$ .11404</b>	<b>\$ .10488</b>	<b>\$ .30998</b>

**NOTES**

- (1) Adopted in Decision 19-09-025 filed with Advice Letter 4149-G Attachment 6 Appendix H Table 20
- (2) Based on November recorded balances and forecasted through December.
- (3) CPUC Fee based on Resolution M-4839, effective April 1, 2019 (including FF&U). G-EG customers pay a reduced CPUC fee per the 2010 BCAP D.10-06-035.
- (4) Adopted in Decision 19-09-025 filed with Advice Letter 4149-G Attachment 6 Appendix H Table 21
- (5) Decision 04-08-010 ordered the removal of PPP cost recovery from transportation rates. On March 1, 2005 PG&E began to treat PPP as a tax. AL 4037-G updated PG&E's 2019 PPP Surcharges effective January 1, 2019.
- (6) The G-NGV2 Distribution rate component includes the cost of compression, station operations and maintenance, and state/federal gas excise taxes, and the average A-10 electric rate.
- (7) CARE Customers receive a 20% discount off of PG&E's total bundled rate and are exempt from the CARE portion of PG&E's Public Purpose Program Surcharge (G-PPPS) rates and cost recovery of the California Solar Initiative Thermal Program.
- (8) AB32 provides the Air Resource Board recovery of its administration costs associated with the implementation of AB32. Wholesale and certain large customers are directly billed by the ARB, and are exempt from PG&E's cost of implementation component of \$0.00104 per therm
- (9) Billed Transportation rates paid by all customers include an additional GHG Compliance Cost of \$0.04781 and Operational Cost component of \$0.00268. Covered Entities within classes and the wholesale class (i.e. customers that currently have a direct obligation to pay for allowances directly to the Air Resource Board) will see a line credit on their bill equal to the GHG Compliance Cost \$0.04781 per therm times their monthly billed therms
- (10) Rates are unrounded

## Attachment 5

### PACIFIC GAS AND ELECTRIC COMPANY 10/1/19 GT&S implementation

#### ALLOCATION OF GAS END-USE TRANSPORTATION REVENUE REQUIREMENTS AND PUBLIC PURPOSE PROGRAM SURCHARGE REVENUES ACROSS CLASSES (\$000)

Line No.	GAS GRC, ATTRITION, PENSION & COST OF CAPITAL DISTRIBUTION-LEVEL REVENUE REQUIREMENTS	TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	Electric Gen	Noncore NGV	Coalinga	Palo Alto	Alpine Natural Gas	WC Gas Mather**	Island Energy	WC Gas Castle**	All Other Wholesale	Noncore & Wholesale	
1	Customer	\$1,060,073	\$924,883	\$123,254	\$2,637	\$107	\$0	\$1,050,882	\$6,526	\$371	\$0	\$2,294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,191
2	+ Distribution	\$880,316	\$613,942	\$197,699	\$8,724	\$1,480	\$0	\$821,845	\$37,590	\$14,258	\$0	\$6,313	\$0	\$0	\$0	\$0	\$173	\$0	\$138	\$0	\$58,471	
3	+ G-NGV2 Compression Cost	\$3,113	\$0	\$0	\$0	\$0	\$3,113	\$3,113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Allocation of Base Distribution Franchise Fees	\$19,318	\$15,295	\$3,190	\$113	\$16	\$31	\$18,645	\$438	\$145	\$0	\$86	\$0	\$0	\$0	\$0	\$2	\$0	\$1	\$0	\$673	
5	Allocation of Base Distribution Uncollectibles Expense	\$6,667	\$5,280	\$1,101	\$39	\$5	\$11	\$6,436	\$151	\$50	\$0	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$231	
<b>6</b>	<b>Final Allocation of Distribution Revenue Requirement</b>	<b>\$1,969,487</b>	<b>\$1,559,400</b>	<b>\$325,245</b>	<b>\$11,513</b>	<b>\$1,608</b>	<b>\$3,155</b>	<b>\$1,900,921</b>	<b>\$44,705</b>	<b>\$14,824</b>	<b>\$0</b>	<b>\$8,722</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$175</b>	<b>\$0</b>	<b>\$140</b>	<b>\$0</b>	<b>\$68,566</b>	
<b>7</b>	<b>Distribution-Level Revenue Requirement Allocation %</b>	100.00000%	79.17800%	16.51418%	0.58455%	0.08166%	0.16019%	96.51859%	2.26989%	0.75269%	0.00000%	0.44288%	0.00000%	0.00000%	0.00000%	0.00000%	0.00886%	0.00000%	0.00709%	0.00000%	3.48141%	
Total Core Brokerage Fee (w/out F&U) (6,496)			(6,583)		With F&U																	
Line No.	CUSTOMER CLASS COSTS WITHOUT RATE COMPONENTS	TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	Electric Gen	Noncore NGV	Coalinga	Palo Alto	Alpine Natural Gas	WC Gas Mather**	Island Energy	WC Gas Castle**	All Other Wholesale	Noncore & Wholesale	
8	Core Fixed Cost Acct. Bal. - Distribution Cost Subaccount	\$235,566	\$193,244	\$40,305	\$1,427	\$199	\$391	\$235,566	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Core Fixed Cost Acct. Bal. - Core Cost Subaccount - ECPT (2016 PSEF)	\$11,370	\$7,890	\$3,109	\$292	\$79	\$0	\$11,370	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Mobile Home Parks Balancing Account	\$15,829	\$12,533	\$2,614	\$93	\$13	\$25	\$15,278	\$359	\$119	\$0	\$70	\$0	\$0	\$0	\$1	\$0	\$1	\$0	\$1	\$0	\$551
11	Noncore Customer Class Charge Account - ECPT	(\$10,586)	\$0	\$0	\$0	\$0	\$0	\$0	(\$619)	(\$3,418)	(\$28)	(\$6,420)	(\$12)	(\$6)	(\$76)	(\$1)	(\$2)	(\$1)	(\$2)	(\$85)	(\$10,586)	
12	Noncore Customer Class Charge Account - Distribution Subacct	(\$4,282)	\$0	\$0	\$0	\$0	\$0	\$0	(\$2,792)	(\$926)	\$0	(\$545)	\$0	\$0	\$0	(\$11)	\$0	(\$9)	\$0	(\$4,282)		
13	Gas Leak Survey & Repair Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
14	CFCA - NGSS Enduser Dist. Sub Acct Recovery	\$24,931	\$20,452	\$4,266	\$151	\$21	\$41	\$24,931	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
15	Gas Pipeline Expense & Capital BA (2016 is for CPUC Reimb sub)	\$302	\$125	\$49	\$5	\$1	\$0	\$180	\$7	\$39	\$0	\$74	\$0	\$0	\$1	\$0	\$0	\$0	\$0	\$1	\$122	
16	Hazardous Substance Balance	\$91,470	\$25,032	\$9,862	\$928	\$252	\$0	\$36,073	\$3,241	\$17,887	\$145	\$33,595	\$65	\$30	\$397	\$8	\$13	\$7	\$8	\$42	\$55,396	
17	Non-Tariffed Products and Services	(\$351)	(\$244)	(\$96)	(\$9)	(\$2)	\$0	(\$351)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
18	Core Brokerage Fee Credit (Gas Brokerage Costs w/o FF&U)	(\$5,468)	(\$3,795)	(\$1,495)	(\$141)	(\$38)	\$0	(\$5,468)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
19	Core Brokerage Fee Credit (Sales/Marketing Costs w/o FF&U)	(\$1,028)	(\$904)	(\$121)	(\$3)	(\$0)	\$0	(\$1,028)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
20	GT&S Ex. Parte Penalty	(\$63,500)	(\$26,592)	(\$10,477)	(\$986)	(\$267)	\$0	(\$38,322)	(\$1,733)	(\$9,566)	(\$31)	(\$13,564)	(\$35)	(\$16)	(\$212)	(\$4)	(\$7)	(\$4)	(\$4)	(\$237)	(\$25,178)	
21	Balancing Charge Account	\$1,489	\$408	\$161	\$15	\$4	\$0	\$587	\$53	\$291	\$2	\$547	\$1	\$0	\$6	\$0	\$0	\$0	\$0	\$7	\$902	
22	G-10 Procurement-related Employee Discount Allocated	\$698	\$191	\$75	\$7	\$2	\$0	\$275	\$25	\$136	\$1	\$256	\$0	\$0	\$3	\$0	\$0	\$0	\$0	\$3	\$423	
23	Brokerage Fee Balance Account	\$1,030	\$715	\$282	\$26	\$7	\$0	\$1,030	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
24	Adjust. Mechanism Costs Determined Other Proceedings	\$37,952	\$13,168	\$5,188	\$488	\$132	\$0	\$18,976	\$1,110	\$6,127	\$50	\$11,508	\$22	\$10	\$136	\$3	\$4	\$3	\$3	\$151	\$18,976	
25	G-10 Procurement-related Employee Discount Applied to Res Class	(\$698)	(\$698)	\$0	\$0	\$0	\$0	(\$698)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
26	New Environmental Regulations Balancing Account(Transmission)	\$1,694	\$464	\$183	\$17	\$5	\$0	\$668	\$60	\$331	\$3	\$622	\$1	\$1	\$7	\$0	\$0	\$0	\$0	\$8	\$1,026	
27	Natural Gas Leak Abatement Program Balancing Account (Transmission)	\$966	\$264	\$104	\$10	\$3	\$0	\$381	\$34	\$189	\$2	\$355	\$1	\$5	\$4	\$0	\$0	\$0	\$0	\$5	\$585	
28	New Environmental Regulations Balancing Account(Distribution)	\$36,605	\$28,983	\$6,045	\$214	\$30	\$59	\$35,331	\$831	\$276	\$0	\$162	\$0	\$0	\$0	\$0	\$3	\$0	\$3	\$0	\$1,274	
29	Engineering Critical Assessment Balancing Account	(\$63,847)	(\$26,738)	(\$10,534)	(\$991)	(\$269)	\$0	(\$38,532)	(\$1,481)	(\$8,174)	(\$66)	(\$15,352)	(\$30)	(\$14)	(\$181)	(\$3)	(\$6)	(\$3)	(\$4)	(\$202)	(\$25,315)	
30	GT&S Revenue Sharing Mechanism	(\$8,867)	(\$3,076)	(\$1,212)	(\$114)	(\$31)	\$0	(\$4,433)	(\$259)	(\$1,432)	(\$12)	(\$2,689)	(\$5)	(\$2)	(\$32)	(\$1)	(\$1)	(\$1)	(\$1)	(\$35)	(\$4,433)	
31	CFCA/NCA - NGSS Enduser Sub Acct Recovery	\$5,928	\$1,622	\$639	\$60	\$16	\$0	\$2,338	\$210.07	\$1,159.33	\$9.38	\$2,177.36	\$4.22	\$1.95	\$25.74	\$0.49	\$0.81	\$0.48	\$0.54	\$29	\$3,590	
32	Self Gen Incentive Program Forecast Period Cost	\$12,990	\$3,573	\$1,408	\$132	\$36	\$0	\$5,149	\$463	\$2,553	\$21	\$4,795	\$9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,841	
33	NCA - NGSS Enduser Sub Acct Recovery	\$11,896	\$0	\$0	\$0	\$0	\$0	\$0	\$778	\$4,845	\$46	\$6,099	\$21	\$7	\$93	\$2	\$3	\$2	\$2	\$103	\$11,896	
34	Natural Gas Leak Abatement Program Balancing Account (Distribution)	\$3,723	\$2,948	\$615	\$22	\$3	\$6	\$3,593	\$85	\$28	\$0	\$16	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$130	
35	Subtotals of Items Transferred to CFCA and NCA	\$335,812	\$249,564	\$50,968.35	\$1,644.12	\$195.82	\$522	\$302,894	\$370.59	\$10,465.61	\$141.60	\$21,706.97	\$42.89	\$12.85	\$172.68	\$3.23	(\$0.57)	\$3.00	(\$1.13)	\$192	\$32,918	
36	Franchise Fees and SF Gross Receipts and Uncoll. Exp. on Items Above	\$3,918	\$3,042	\$616	\$19	\$2	\$6	\$3,685	(\$8)	\$60	\$1	\$180	\$0	\$0	\$1	\$0	\$0	\$0	\$0	\$1	\$233	
37	Subtotals with FF&U and Other Bal. Acct./Forecast Period Costs	\$339,730	\$252,605	\$51,584	\$1,663	\$198	\$529	\$306,579	\$362	\$10,525	\$143	\$21,887	\$43	\$13	\$173	\$3	(\$1)	\$3	(\$1)	\$192	\$33,151	
38	Total of Items Collected via CFCA, NCA, and NDFCA	\$2,309,217	\$1,812,006	\$376,829	\$13,176	\$1,806	\$3,684	\$2,207,500	\$45,068	\$25,349	\$143	\$30,609	\$43	\$13	\$173	\$3	\$174	\$3	\$138	\$192	\$101,717	
Line No.	CUSTOMER CLASS COSTS WITH THEIR OWN RATE COMPONENTS ALLOCATED USING BCAP THROUGHPUT	TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	Electric Gen	Noncore NGV	Coalinga	Palo Alto	Alpine Natural Gas	WC Gas Mather**	Island Energy	WC Gas Castle**	All Other Wholesale	Noncore & Wholesale	
39	CEE Incentive	\$612	\$534	\$71	\$2	\$0	\$0	\$607	\$4	\$0	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5	
40	AB32 ARB Implementation Fee	\$5,976	\$2,069	\$815	\$77	\$21	\$0	\$2,981	\$268	\$1,476	\$12	\$1,233	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,994	
41	CA Solar Hot Water Heating	\$7,358	\$2,794	\$1,390	\$131	\$35	\$0	\$4,350	\$457	\$2,522	\$20	\$0	\$9	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,008	
42	Available	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
43	AB32 GHG Operations Cost	\$19,428	\$5,317	\$2,095	\$197	\$53	\$0	\$7,662	\$688	\$3,799	\$31	\$7,135	\$14	\$6	\$84	\$2	\$3	\$2	\$2	\$94	\$11,766	
44	AB32 GHG Compliance Cost	\$167,734	\$94,888	\$37,167	\$3,322	\$945	\$0	\$136,322	\$12,010	\$12,880	\$69	\$6,206	\$247	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,412	
45	AB32 Cap & Trade - Allowance Return (Incl. RF&U)	(\$128,831)	(\$128,831)	\$0	\$0	\$0	\$0	(\$128,831)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44	CPUC FEE	\$11,661	\$4,967	\$1,953	\$184	\$50	\$0	\$7,155	\$643	\$3,550	\$29	\$271	\$13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,506	
45	Subtotals for Customer Class Charge Items	\$83,937	(\$18,262)	\$43,491	\$3,912	\$1,105	\$0	\$30,246	\$14,070	\$24,227	\$161	\$14,847	\$288	\$6	\$84	\$2	\$3	\$2	\$2	\$94	\$53,691	
46	Franchise Fees and SF Gross Receipts and Uncoll. Exp. on Items Above	\$2,844	\$1,478	\$581	\$52	\$15	\$0	\$2,127	\$188	\$324	\$2	\$199	\$4	\$0	\$1	\$0	\$0	\$0	\$0	\$1	\$718	
47	Subtotals of Other Costs	\$86,782	(\$16,784)	\$44,073	\$3,965	\$1,119	\$0	\$32,373	\$14,258	\$24,551	\$163	\$15,045	\$292	\$6	\$85	\$2	\$3	\$2	\$2	\$95	\$54,409	
48	Allocation of Total Transportation Costs prior to GT&S-related Costs	\$2,395,998	\$1,795,222	\$420,901	\$17,141	\$2,926	\$3,684	\$2,239,873	\$59,326	\$49,900	\$306	\$45,654	\$335	\$19	\$258	\$5	\$177	\$5	\$140	\$287	\$156,125	

### Attachment 5 (continued)

CCC FOR 2019 GTS LISA & 2015 IRS Private Ltr Ruling ALLOCATED BASED ON 2019 GT&S THROUGHPUT		TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	Electric Gen	Noncore NGV	Coalinga	Palo Alto	Alpine Natural Gas	WC Gas Mather**	Island Energy	WC Gas Castle**	All Other Wholesale	Noncore & Wholesale	
49	Local Transmission Expense (Forecast Period Cost)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50	Local Transmission Balancing Account	\$17,595	\$12,083	\$5,103	\$454	\$203	\$0	\$17,842	(\$24)	(\$162)	\$0	(\$57)	(\$1)	(\$0)	(\$3)	(\$0)	(\$0)	(\$0)	(\$0)	(\$3)	(\$247)	
51	Backbone Transmission Expense (Forecast Period Cost)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
52	Backbone Transmission Balancing Account	\$10,575	\$10,135	\$4,280	\$380	\$170	\$0	\$14,966	(\$319)	(\$2,176)	(\$23)	(\$1,819)	(\$10)	(\$3)	(\$38)	(\$1)	(\$1)	(\$1)	(\$1)	(\$41)	(\$4,391)	
53	Storage (Forecast Period Cost)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54	Storage Balancing Account	\$43,083	\$28,071	\$11,855	\$1,054	\$471	\$0	\$41,451	\$119	\$809	\$8	\$676	\$4	\$1	\$14	\$0	\$0	\$0	\$0	\$15	\$1,632	
55	Subtotal of 2019 GTS LISA	\$71,254	\$50,289	\$21,239	\$1,888	\$843	\$0	\$74,259	(\$224)	(\$1,530)	(\$14)	(\$1,200)	(\$7)	(\$2)	(\$26)	\$0	\$0	\$0	(\$1)	(\$29)	(\$3,005)	

GT&S Pension		Total	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	Electric Gen	Noncore NGV	Coalinga	Palo Alto	Alpine Natural Gas	WC Gas Mather**	Island Energy	WC Gas Castle**	All Other Wholesale	Noncore & Wholesale
56	GT&S Pension Including FF&U	\$18,013	\$7,935	\$3,126	\$294	\$80	\$0	\$11,436	\$465	\$2,568	\$6	\$3,461	\$9	\$4	\$57	\$1	\$2	\$1	\$1	\$64	\$6,577
57	Net End-User Transportation Excluding LT and CAC	\$2,485,265	\$1,853,446	\$445,266	\$19,323	\$3,849	\$3,684	\$2,325,568	\$59,567	\$50,939	\$298	\$47,916	\$337	\$22	\$289	\$6	\$178	\$5	\$141	\$322	\$159,697

ADOPTED REVENUE REQUIREMENTS ALLOCATIONS FOR GAS ACCORD ITEMS IN TRANSPORTATION		TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	Electric Gen	Noncore NGV	Coalinga	Palo Alto	Alpine Natural Gas	WC Gas Mather**	Island Energy	WC Gas Castle**	All Other Wholesale	Noncore & Wholesale
58	Local Transmission (w/applied seed value)	799,286	373,481	157,733	14,021	6,261	0	551,496	23,888	162,909	15	56,985	761	199	2,815	49	84	41	58	3,104	247,789
59	Customer Access Charge	2,428	0	0	0	0	0	0	0	1,359	15	1,001	0	8	28	2	4	6	5	43	2,428
60	Total End-User Gas Accord Transportation Costs	801,713	373,481	157,733	14,021	6,261	0	551,496	23,888	164,269	15	57,986	761	207	2,842	51	88	47	63	3,147	250,217
61	Gross End-User Transportation Costs in Rates	3,286,978	2,226,928	602,999	33,344	10,110	3,684	2,877,064	83,455	215,208	313	105,901	1,098	229	3,131	57	266	52	204	3,469	409,914
62	Less Forecast CARE Discount recovered in PPP Surcharges	126,435	126,435					126,435													0
63	Net End-User Transportation Costs in Rates	3,160,544	2,100,493	602,999	33,344	10,110	3,684	2,750,630	83,455	215,208	313	105,901	1,098	229	3,131	57	266	52	204	3,469	409,914

ALLOCATION OF PUBLIC PURPOSE PROGRAM SURCHARGES UNDER PER PG&E AL 3161-G		TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	Electric Gen	Noncore NGV	Coalinga	Palo Alto	Alpine Natural Gas	WC Gas Mather**	Island Energy	WC Gas Castle**	All Other Wholesale	Noncore & Wholesale
64	PPP-EE Surcharge	68,731	54,174	5,513	2,161	0	0	61,847	1,847	4,996	40	0	0	0	0	0	0	0	0	0	6,884
65	PPP-EE Balancing Account	(4,064)	(3,203)	(326)	(128)	0	0	(3,657)	(109)	(295)	(2)	0	0	0	0	0	0	0	0	0	-407
66	PPP-ESA Surcharge	77,547	61,122	6,220	2,438	0	0	69,780	2,084	5,637	46	0	0	0	0	0	0	0	0	0	7,767
67	PPP-ESA Balancing Account	795	627	64	25	0	0	716	21	58	0	0	0	0	0	0	0	0	0	0	80
68	PPP - RD&D Programs	10,713	4,222	1,777	156	67	0	6,222	583	3,863	31	15	0	0	0	0	0	0	0	0	4,492
69	PPP - RD&D Balancing Account	(128)	(51)	(21)	(2)	(1)	0	(75)	(7)	(46)	(0)	(0)	0	0	0	0	0	0	0	0	-54
70	PPP-CARE Discount Allocation Set Annually	126,435	42,901	22,785	2,009	869	0	68,565	7,510	49,768	403	189	0	0	0	0	0	0	0	0	57,869
71	PPP-CARE Administration Expense	3,737	1,268	673	59	26	0	2,026	222	1,471	12	6	0	0	0	0	0	0	0	0	1,710
72	PPP-CARE Balancing Account	(22,239)	(7,546)	(4,008)	(353)	(153)	0	(12,060)	(1,321)	(8,754)	(71)	(33)	0	0	0	0	0	0	0	0	-10,179
73	PPP-Admin Cost for BOE and CPUC	507	200	84	7	3	0	294	28	183	1	1	0	0	0	0	0	0	0	0	213
74	Subtotal of Public Purpose Program Surcharges	\$262,035	\$153,714	\$32,762	\$6,372	\$812	\$0	\$193,660	\$10,858	\$56,880	\$460	\$0	\$177	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$68,376
75	Totals by End-User Customer Class (excludes Unbundled GT&S)	\$3,422,579	\$2,254,207	\$635,761	\$39,716	\$10,922	\$3,684	\$2,944,289	\$94,314	\$272,088	\$773	\$105,901	\$1,275	\$229	\$3,131	\$57	\$266	\$52	\$204	\$3,469	\$478,290

ILLUSTRATIVE ALLOCATION OF GAS PROCUREMENT REVENUE REQUIREMENTS		TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core
76	Illustrative Core Bundled Cost of Gas, Shrinkage, and FF&U	529,935	398,611	117,239	10,014.74	4,070	0	529,935
77	Illustrative Interstate and Canadian Capacity Charges	108,372	85,737	21,027	1,153.93	454	0	108,372
78	Intrastate Volumetric and Backbone (applied seed value)	128,786	100,386	26,037	1,689.29	674	0	128,786
79	Cycled Carrying Cost of Gas in Storage	1,398	1,051	309	26.42	11	0	1,398
80	Core Storage and Noncycled Carrying Cost of Gas in Storage	99,733	78,649	19,491	1,153.93	440	0	99,733
81	Brokerage Fees	6,583	4,952	1,456	124.40	51	0	6,583
82	GT&S Backbone Seed Value Used to Reconcile to RRQ	0	0	0	0	0	0	0
83	Reconciling Item: Bundled Procurement Revenue Reduced by this amount due to GTA's Acceptance	72,063	56,953	14,016	787	307	0	72,063
84	Total Authorized Illustrative Procurement RRQ	\$946,871	\$726,339	\$199,575	\$14,950	\$6,006	\$0	\$946,871

85	Unbundled Gas Transmission and Storage Revenue Requirement	\$222,161																			
	Total RRQ	2,980,546	835,336	54,666	16,928	3,684	3,891,160	94,314	272,088	773	105,901	1,275	229	3,131	57	266	52	204	3,469	478,290	

TOTAL GAS REVENUE REQUIREMENT AND PPPS FUNDING REQUIREMENT IN RATES		TOTAL
86	Total Transportation, PPPS, and Unbundled Costs	\$3,644,740
87	Cross-check with Gas Revenue Requirement Table	\$3,644,740
88	Difference	0

(Total of lines 75 + 76)  
Attachment 1 Line 39  
(Due to Rounding in Attachment 1)

# **Attachment 6**

## **Tables**

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**  
**Adopted**  
**APPENDIX H: Table 1**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**Adopted GT&S Revenue Requirement**  
**Including Core and Noncore Revenue Responsibility**  
**(\$ Thousand)**

Line No.	2015 GT&S Rate Case	2019 Gas Transmission & Storage Rate Case				
		2018	2019	2020	2021	2022
<b>Core Revenue Requirements</b>						
1	Backbone Transmission Base	130,370	152,847	175,189	183,231	191,351
2	Backbone Transmission Adders	-	-	-	-	-
3	Subtotal Backbone Transmission	130,370	152,847	175,189	183,231	191,351
4	Local Transmission Base	536,850	551,496	588,905	624,560	650,937
5	Local Transmission Adder	-	-	-	-	-
6	Subtotal Local Transmission	536,850	551,496	588,905	624,560	650,937
7	Storage	76,868	118,576	51,211	24,788	24,377
8	Customer Access Charge	-	-	-	-	-
9	Total Core GT&S	\$744,087	\$822,920	\$815,305	\$832,579	\$866,665
10	NGSS Enduser Depreciation/Decommissioning	\$0	\$27,269	\$27,503	\$27,522	\$27,538
11	Total Core	\$744,087	\$850,189	\$842,809	\$860,101	\$894,203
12	Core Share of Revenue Requirement	60.4%	63.5%	58.5%	56.3%	56.2%
<b>Noncore / Unbundled Revenue Requirements</b>						
13	Backbone Trans. Base w/o G-XF Contracts	211,111	199,624	298,647	351,899	365,928
14	Backbone Transmission Adders	-	-	-	-	-
15	Subtotal Backbone Transmission	211,111	199,624	298,647	351,899	365,928
16	G-XF Contracts	5,972	5,356	5,617	5,790	5,904
17	G-XF Contract Adders	-	-	-	-	-
18	G-XF Contracts Subtotal	5,972	5,356	5,617	5,790	5,904
19	Subtotal Backbone Transmission	217,083	204,980	304,264	357,689	371,832
20	Local Transmission Base	255,490	247,789	267,720	285,766	301,851
21	Local Transmission Adder	-	-	-	-	-
22	Subtotal Local Transmission	255,490	247,789	267,720	285,766	301,851
23	Storage	13,783	17,179	4,573	-	-
24	Customer Access Charge	2,507	2,428	2,404	2,369	2,331
25	Total Noncore / Unbundled	\$488,863	\$472,376	\$578,961	\$645,824	\$676,014
26	NGSS Enduser Depreciation/Decommissioning	0	9,679	9,762	9,769	9,775
27	Total Noncore/Unbundled	\$488,863	\$482,055	\$588,724	\$655,593	\$685,788
28	Noncore Share of Revenue Requirement	39.6%	36.5%	41.5%	43.7%	43.8%
<b>Total</b>						
29	Backbone Transmission Base w/o G-XF Contracts	341,481	352,472	473,836	535,129	557,279
30	Backbone Transmission Adders	-	-	-	-	-
31	Subtotal Backbone Trans. w/o G-XF Contracts	341,481	352,472	473,836	535,129	557,279
32	G-XF Contracts	5,972	5,356	5,617	5,790	5,904
33	G-XF Contract Adders	-	-	-	-	-
34	G-XF Contracts Subtotal	5,972	5,356	5,617	5,790	5,904
35	Subtotal Backbone Transmission	347,453	357,828	479,453	540,920	563,182
36	Local Transmission Base	792,339	799,286	856,625	910,326	952,788
37	Local Transmission Adder	-	-	-	-	-
38	Subtotal Local Transmission	792,339	799,286	856,625	910,326	952,788
39	Storage	90,651	135,756	55,784	24,788	24,377
40	Customer Access Charge	2,507	2,428	2,404	2,369	2,331
41	Total GT&S	\$1,232,950	\$1,295,297	\$1,394,266	\$1,478,402	\$1,542,678
42	NGSS Enduser Depreciation/Decommissioning	0	36,948	37,266	37,291	37,313
43	Total Gas Transmission and Storage System	\$1,232,950	\$1,332,245	\$1,431,532	\$1,515,693	\$1,579,991
44	Total Revenue Requirement Share	100.0%	100.0%	100.0%	100.0%	100.0%

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**  
**Adopted**  
**APPENDIX H: Table 2**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**Adopted 2019 GT&S Undercollection (\$)**  
**Amortization Over 15 Months Beginning October 1, 2019**

Line		2018 Authorized <sup>(1)</sup>	2019 Adopted	Total Annual Undercollection	9 Months (January - September)	Annualized (12 Month) RRQ <sup>(2)</sup>
		A	B	C = B - A	D = C / 12 * 9	E = D / 15 * 12
<b>Core</b>						
1	Local Transmission	536,849,533	551,496,496	14,646,963	10,985,222	8,788,178
2	Storage (Includes Carrying Cost on Working Gas)	76,867,779	118,576,498	41,708,719	31,281,539	25,025,231
3	Backbone	130,369,750	152,847,345	22,477,595	16,858,196	13,486,557
4	NGSS End-User Depreciation/Decommissioning	-	27,269,036	27,269,036	20,451,777	16,361,421
5	Subtotal	744,087,061	850,189,374	106,102,313	79,576,734	63,661,388
<b>Noncore</b>						
6	Local Transmission	255,489,864	247,789,094	(7,700,770)	(5,775,578)	(4,620,462)
7	Storage (Includes Carrying Cost on Working Gas)	13,783,258	17,179,230	3,395,972	2,546,979	2,037,583
8	Backbone (Excludes G-XF)	211,110,783	199,624,284	(11,486,499)	(8,614,874)	(6,891,899)
9	NGSS End-User Depreciation/Decommissioning	-	9,679,126	9,679,126	7,259,344	5,807,475
10	Subtotal	480,383,905	474,271,733	(6,112,171)	(4,584,129)	(3,667,303)
11	Line 401 G-XF Contracts	5,972,059	5,356,026	(616,033)	(462,025)	(369,620)
12	Customer Access Charge - Transmission	2,507,174	2,427,739	(79,435)	(59,577)	(47,661)
13	<b>Total 2019 GT&amp;S Undercollection RRQ</b>	<b>\$ 1,232,950,199</b>	<b>\$ 1,332,244,871</b>	<b>\$ 99,294,673</b>	<b>\$ 74,471,004</b>	<b>\$ 59,576,804</b>

- Notes:
- (1) The GT&S revenues collected in rates for 2019 pending implementation of the 2019 GT&S Decision are based upon the 2018 Authorized Revenue Requirement (RRQ) from the 2015 GT&S Rate Case Decision, which did not include a revenue requirement for Line 407. Authorized amounts pursuant to Gas Preliminary Statement Part C2, revised Cal. P.U.C. Sheet No. 34769-G, as filed in Advice 4053-G. The difference between this amount and the Adjusted Authorized RRQ for 2018 as shown in Appendix C: Table 1 is due to adjustments made outside of GT&S rate cases not yet reflected in rates. See footnote 1, Appendix C: Table 1 for details.
  - (2) The 2019 Authorized GT&S RRQ does not include any prior period (i.e. 2017 and 2018) Line 407 recovery.
  - (3) Late Implementation Amortization is collected in end-user rates pursuant to Gas Preliminary Statement Part DD, Gas Transmission & Storage Memorandum Account (GTSMA).

Reconciliation to Attachment 1, Line 25, Total 2019 GT&S Late Implementation of this AL 4149-G	
Total 2019 GT&S Undercollection, Annualized RRQ (see above)	\$ 59,576,804
Less: Non-Core NGSS End-User Depreciation/Decommissioning (see above)	\$ (5,807,475)
Plus: IRS PLR RRQ as approved in AL 4053-G	\$ 17,484,000
Total as shown in Attachment 1, Line 25, Total 2019 GT&S Late Implementation	<b>\$ 71,253,328</b>

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 12**

**PACIFIC GAS AND ELECTRIC COMPANY  
Firm Backbone Transportation  
Annual Rates (AFT) -- SFV Rate Design  
On-System Transportation Service**

		<u>2018</u>	<u>2019</u>	<u>2019 GT&amp;S Rates</u>		<u>2022</u>
				<u>2020</u>	<u>2021</u>	
<b><u>Redwood Path - Core</u></b>						
Reservation Charge	(\$/dth/mo)	11.8245	13.7304	18.4477	20.8302	21.7537
Usage Charge	(\$/dth)	0.0010	0.0024	0.0027	0.0027	0.0028
Total (b)	(\$/dth @ Full Contract)	0.3898	0.4538	0.6092	0.6875	0.7180
<b><u>Baja Path - Core</u></b>						
Reservation Charge	(\$/dth/mo)	13.0380	16.7562	22.5356 <sup>(1)</sup>	-	-
Usage Charge	(\$/dth)	0.0011	0.0029	0.0033	-	-
Total (b)	(\$/dth @ Full Contract)	0.4298	0.5538	0.7442	-	-
<b><u>Redwood Path - Noncore</u></b>						
Reservation Charge	(\$/dth/mo)	13.6814	14.8458	20.0078	22.0809	22.7597
Usage Charge	(\$/dth)	0.0010	0.0024	0.0033	0.0035	0.0036
Total (b)	(\$/dth @ Full Contract)	0.4508	0.4905	0.6611	0.7294	0.7518
<b><u>Baja Path - Noncore</u></b>						
Reservation Charge	(\$/dth/mo)	14.8954	17.8727	24.0935	27.2272	28.2087
Usage Charge	(\$/dth)	0.0010	0.0029	0.0040	0.0043	0.0044
Total (b)	(\$/dth @ Full Contract)	0.4908	0.5905	0.7961	0.8994	0.9318
<b><u>Silverado and Mission Paths</u></b>						
Reservation Charge	(\$/dth/mo)	8.5814	10.2169	15.2032	17.3534	17.9215
Usage Charge	(\$/dth)	0.0008	0.0017	0.0025	0.0026	0.0027
Total (b)	(\$/dth @ Full Contract)	0.2829	0.3376	0.5023	0.5731	0.5919

<sup>(1)</sup> Core Baja G-AFT rates only available through March 2020.

**Notes:**

- a) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, mandated customer programs and other charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- c) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- d) Dollar differences are due to rounding.

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 13**

**PACIFIC GAS AND ELECTRIC COMPANY  
Firm Backbone Transportation  
Annual Rates (AFT) -- MFV Rate Design  
On-System Transportation Service**

		<u>2018</u>		<u>2019</u>	<u>2019 GT&amp;S Rates</u>			<u>2022</u>
					<u>2020</u>	<u>2021</u>		
<b><u>Redwood Path - Core</u></b>								
Reservation Charge	(\$/dth/mo)	9.1607		10.3200	13.5578	15.0130		15.4990
Usage Charge	(\$/dth)	0.0886		0.1145	0.1635	0.1939		0.2084
Total	(\$/dth @ Full Contract)	0.3898		0.4538	0.6092	0.6875		0.7180
<b><u>Baja Path - Core</u></b>								
Reservation Charge	(\$/dth/mo)	10.1008		12.5942	16.5621 <sup>(1)</sup>	-		-
Usage Charge	(\$/dth)	0.0977		0.1397	0.1997	-		-
Total	(\$/dth @ Full Contract)	0.4298		0.5538	0.7442	-		-
<b><u>Redwood Path - Noncore</u></b>								
Reservation Charge	(\$/dth/mo)	10.1813		10.8592	14.8870	16.3309		16.7183
Usage Charge	(\$/dth)	0.1160		0.1335	0.1717	0.1925		0.2022
Total	(\$/dth @ Full Contract)	0.4508		0.4905	0.6611	0.7294		0.7518
<b><u>Baja Path - Noncore</u></b>								
Reservation Charge	(\$/dth/mo)	11.0848		13.0732	17.9270	20.1370		20.7209
Usage Charge	(\$/dth)	0.1263		0.1607	0.2067	0.2374		0.2506
Total	(\$/dth @ Full Contract)	0.4908		0.5905	0.7961	0.8994		0.9318
<b><u>Silverado and Mission Paths</u></b>								
Reservation Charge	(\$/dth/mo)	6.4307		7.4504	11.1722	12.6452		12.9629
Usage Charge	(\$/dth)	0.0715		0.0927	0.1350	0.1574		0.1657
Total	(\$/dth @ Full Contract)	0.2829		0.3376	0.5023	0.5731		0.5919

<sup>(1)</sup> Core Baja G-AFT rates only available through March 2020.

**Notes:**

- a) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, mandated customer programs and other charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- c) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- d) Dollar differences are due to rounding.

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 14**

**PACIFIC GAS AND ELECTRIC COMPANY  
Firm Backbone Transportation  
Seasonal Rates (SFT) -- SFV Rate Design  
On-System Transportation Service**

		<u>2018</u>	<u>2019</u>	<u>2019 GT&amp;S Rates</u>		<u>2022</u>
				<u>2020</u>	<u>2021</u>	
<b><u>Redwood Path - Core</u></b>						
Reservation Charge	(\$/dth/mo)	--	--	22.1372 <sup>(1)</sup>	24.9963	26.1044
Usage Charge	(\$/dth)	--	--	0.0033	0.0032	0.0034
Total	(\$/dth @ Full Contract)	--	--	0.7311	0.8250	0.8616
<b><u>Baja Path - Core</u></b>						
Reservation Charge	(\$/dth/mo)	15.6456	20.1074	27.0427	31.1770	32.6488
Usage Charge	(\$/dth)	0.0013	0.0035	0.0040	0.0040	0.0042
Total	(\$/dth @ Full Contract)	0.5157	0.6645	0.8931	1.0290	1.0776
<b><u>Redwood Path - Noncore</u></b>						
Reservation Charge	(\$/dth/mo)	16.4176	17.8150	24.0094	26.4971	27.3116
Usage Charge	(\$/dth)	0.0012	0.0029	0.0040	0.0042	0.0043
Total	(\$/dth @ Full Contract)	0.5409	0.5886	0.7933	0.8753	0.9022
<b><u>Baja Path - Noncore</u></b>						
Reservation Charge	(\$/dth/mo)	17.8745	21.4472	28.9122	32.6726	33.8504
Usage Charge	(\$/dth)	0.0013	0.0034	0.0048	0.0051	0.0053
Total	(\$/dth @ Full Contract)	0.5889	0.7086	0.9553	1.0793	1.1182
<b><u>Silverado and Mission Paths</u></b>						
Reservation Charge	(\$/dth/mo)	10.2977	12.2602	18.2438	20.8241	21.5059
Usage Charge	(\$/dth)	0.0009	0.0021	0.0030	0.0031	0.0032
Total	(\$/dth @ Full Contract)	0.3395	0.4052	0.6028	0.6878	0.7103

<sup>(1)</sup> Core Redwood G-SFT rates only available beginning April 2020.

**Notes:**

- a) Firm Seasonal rates are 120 percent of Firm Annual rates.
- b) Rates are only the backbone transmission charge component of the transmission service. They include exclude local transmission charges, mandated customer programs and other charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- c) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- d) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- e) Firm seasonal service is available to on-system paths for a minimum term of three consecutive months in one season. Winter season is November through March. Summer season is April through October.
- f) Dollar differences are due to rounding.

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 15**

**PACIFIC GAS AND ELECTRIC COMPANY**

**Firm Backbone Transportation  
Seasonal Rates (SFT) -- MFV Rate Design  
On-System Transportation Service**

		<u>2018</u>	<u>2019</u>	<u>2019 GT&amp;S Rates</u>		<u>2022</u>
				<u>2020</u>	<u>2021</u>	
<b><u>Redwood Path - Core</u></b>						
Reservation Charge	(\$/dth/mo)	--	--	16.2694 <sup>(1)</sup>	18.0156	18.5988
Usage Charge	(\$/dth)	--	--	0.1962	0.2327	0.2501
Total	(\$/dth @ Full Contract)	--	--	0.7311	0.8250	0.8616
<b><u>Baja Path - Core</u></b>						
Reservation Charge	(\$/dth/mo)	12.1209	15.1131	19.8746	22.4702	23.2616
Usage Charge	(\$/dth)	0.1172	0.1677	0.2397	0.2903	0.3128
Total	(\$/dth @ Full Contract)	0.5157	0.6645	0.8931	1.0290	1.0776
<b><u>Redwood Path - Noncore</u></b>						
Reservation Charge	(\$/dth/mo)	12.2175	13.0310	17.8644	19.5971	20.0620
Usage Charge	(\$/dth)	0.1392	0.1601	0.2060	0.2310	0.2426
Total	(\$/dth @ Full Contract)	0.5409	0.5886	0.7933	0.8753	0.9022
<b><u>Baja Path - Noncore</u></b>						
Reservation Charge	(\$/dth/mo)	13.3017	15.6879	21.5124	24.1644	24.8651
Usage Charge	(\$/dth)	0.1516	0.1928	0.2481	0.2848	0.3007
Total	(\$/dth @ Full Contract)	0.5889	0.7086	0.9553	1.0793	1.1182
<b><u>Silverado and Mission Paths</u></b>						
Reservation Charge	(\$/dth/mo)	7.7168	8.9405	13.4066	15.1742	15.5555
Usage Charge	(\$/dth)	0.0858	0.1112	0.1620	0.1889	0.1989
Total	(\$/dth @ Full Contract)	0.3395	0.4052	0.6028	0.6878	0.7103

<sup>(1)</sup> Core Redwood G-SFT rates only available beginning April 2020.

**Notes:**

- a) Firm Seasonal rates are 120 percent of Firm Annual rates.
- b) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, mandated customer programs and other charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- c) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- d) Customers delivering gas to storage pay the applicable backbone transmission on-system rate from Redwood, Baja and Silverado.
- e) Firm seasonal service is available to on-system paths for a minimum term of three consecutive months in one season. Winter season is November through March. Summer season is April through October.
- f) Dollar differences are due to rounding.

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 16**

**PACIFIC GAS AND ELECTRIC COMPANY**

**As-Available Backbone Transportation  
On-System Transportation Service**

		<u>2018</u>		<u>2019</u>	<u>2019 GT&amp;S Rates</u>		<u>2022</u>
					<u>2020</u>	<u>2021</u>	
<b><u>Redwood Path</u></b>							
Usage Charge	(\$/dth)	0.5409		0.5886	0.7933	0.8753	0.9022
<b><u>Baja Path</u></b>							
Usage Charge	(\$/dth)	0.5889		0.7086	0.9553	1.0793	1.1182
<b><u>Silverado Path</u></b>							
Usage Charge	(\$/dth)	0.3395		0.4052	0.6028	0.6878	0.7103
<b><u>Mission Path</u></b>							
Usage Charge	(\$/dth)	0.0000		0.0000	0.0000	0.0000	0.0000

**Notes:**

- a) As-Available rates are 120 percent of Firm Annual rates.
- b) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, mandated customer programs and other charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- c) Mission path service represents on-system storage to on-system transportation. Customers delivering gas to storage facilities pay the applicable backbone transmission on-system rate from Redwood, Baja or Silverado.
- d) Dollar differences are due to rounding.

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 17**

**PACIFIC GAS AND ELECTRIC COMPANY  
Backbone Transportation  
Annual Rates (AFT-Off)  
Off-System Deliveries**

		<u>2018</u>	<u>2019</u>	<u>2019 GT&amp;S Rates</u>		<u>2022</u>
				<u>2020</u>	<u>2021</u>	
<b><u>SFV Rate Design</u></b>						
<b>Redwood, Silverado and Mission Paths Off-System</b>						
Reservation Charge	(\$/dth/mo)	13.6814	14.8458	20.0078	22.0809	22.7597
Usage Charge	(\$/dth)	0.0010	0.0024	0.0033	0.0035	0.0036
Total	(\$/dth @ Full Contract)	0.4508	0.4905	0.6611	0.7294	0.7518
<b>Baja Path Off-System</b>						
Reservation Charge	(\$/dth/mo)	14.8954	17.8727	24.0935	27.2272	28.2087
Usage Charge	(\$/dth)	0.0010	0.0029	0.0040	0.0043	0.0044
Total	(\$/dth @ Full Contract)	0.4908	0.5905	0.7961	0.8994	0.9318
<b><u>MFV Rate Design</u></b>						
<b>Redwood, Silverado and Mission Paths Off-System</b>						
Reservation Charge	(\$/dth/mo)	10.1813	10.8592	14.8870	16.3309	16.7183
Usage Charge	(\$/dth)	0.1160	0.1335	0.1717	0.1925	0.2022
Total	(\$/dth @ Full Contract)	0.4508	0.4905	0.6611	0.7294	0.7518
<b>Baja Path Off-System</b>						
Reservation Charge	(\$/dth/mo)	11.0848	13.0732	17.9270	20.1370	20.7209
Usage Charge	(\$/dth)	0.1263	0.1607	0.2067	0.2374	0.2506
Total	(\$/dth @ Full Contract)	0.4908	0.5905	0.7961	0.8994	0.9318
<b><u>As-Available Service</u></b>						
<b>Redwood, Silverado, and Mission Paths, (From Citygate) Off-System - Noncore</b>						
Usage Charge	(\$/dth)	0.5409	0.5886	0.7933	0.8753	0.9022
<b>Mission Paths (From on-system storage) Off-System</b>						
Usage Charge	(\$/dth)	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Baja Path Off-System - Noncore</b>						
Usage Charge	(\$/dth)	0.5889	0.7086	0.9553	1.0793	1.1182

**Notes:**

- a) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, mandated customer programs and other charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- c) California gas and storage to off-system are assumed to flow on Redwood path and are priced at the Redwood path rate.
- d) Dollar differences are due to rounding.

## 2019 Gas Transmission and Storage Rate Case (2019 GT&S)

### Adopted

#### APPENDIX H: Table 18

#### PACIFIC GAS AND ELECTRIC COMPANY Firm Transportation Expansion Shippers -- Annual Rates (G-XF) SFV Rate Design

<u>SFV Rate Design</u>		2018		2019	2019 GT&S Rates		2022
					2020	2021	
Reservation Charge	(\$/dth/mo)	5.7955		5.1950	5.4481	5.6163	5.7262
Usage Charge	(\$/dth)	0.0001		0.0002	0.0002	0.0002	0.0002
Total	(\$/dth @ Full Contract)	0.1906		0.1710	0.1793	0.1848	0.1885

**Notes:**

- a) Rates are only the backbone transmission charge component of the transmission service. They exclude local transmission charges, mandated customer programs and other charges, customer access charges, distribution charges, storage charges, and shrinkage charges.
- b) The "Total" rows represent the average backbone transmission charge incurred by a firm shipper that uses its full contract quantity at a 100 percent load factor.
- c) G-XF charges are based on the embedded cost of Line 401 and a 95 percent load factor.
- d) Dollar differences are due to rounding.

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 19**

**PACIFIC GAS AND ELECTRIC COMPANY  
Storage Service Rates**

		2018	2019 GT&S Rates						
			2019 October	2020 January    April		2021 January    April		2022 January    April	
<b><u>Core Firm Storage (G-CFS)</u></b>									
Reservation Charge	(\$/dth/mo)	\$0.1913	\$0.3071	\$0.3424	\$0.4157	\$0.4306	\$0.4318	\$0.4392	\$0.4417
<b><u>Standard Firm Storage (G-SFS)</u></b>									
Reservation Charge	(\$/dth/mo)	\$0.2962	\$0.3698	\$0.3930	service no longer offered under adopted NGSS				
<b><u>Negotiated Firm Storage (G-NFS)</u></b>									
Injection	(\$/dth/d)	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236
Inventory	(\$/dth)	\$3.5541	\$3.5541	\$3.5541	\$3.5541	\$3.5541	\$3.5541	\$3.5541	\$3.5541
Withdrawal	(\$/dth/d)	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629
<b><u>Negotiated As-Available Storage (G-NAS) - Maximum Rate</u></b>									
Injection	(\$/dth/d)	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236	\$5.7236
Withdrawal	(\$/dth/d)	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629	\$26.1629
<b><u>Market Center Services (Parking and Lending Services)</u></b>									
Maximum Daily Charge	(\$/Dth/d)	\$1.1650	\$1.1650	\$1.1650	\$1.1650	\$1.1650	\$1.1650	\$1.1650	\$1.1650
Minimum Rate	(per transaction)	\$57.0000	\$57.0000	\$57.0000	\$57.0000	\$57.0000	\$57.0000	\$57.0000	\$57.0000

**Notes:**

- Rates for storage services are based on the costs of storage injection, inventory and withdrawal.
- Core Firm Storage (G-CFS) and Standard Firm Storage (G-SFS) rates are a monthly reservation charge designed to recover one twelfth of the annual revenue requirement allocated to those services based upon the annual capacities of injection, inventory and withdrawal storage. PG&E will no longer offer Standard Firm Storage (G-SFS) beginning April 1, 2020 with implementation of its NGSS.
- Negotiated Firm rates may be one-part rates (volumetric) or two-part rates (reservation and volumetric), as negotiated between parties. The volumetric equivalent is shown above.
- Negotiated As-Available Storage Injection and Withdrawal rates are recovered through a volumetric charge only.
- PG&E will offer negotiated rates (NFS and NAS) at the adopted 2018 maximum levels with any incidental revenue collected returned to customers via PG&E's balancing accounts.
- Negotiated Firm and As-available services are negotiable above a price floor representing PG&E's marginal costs of providing the service.
- The maximum charge for parking and lending is based on the annual cost of cycling one Dth of Firm Storage Gas assuming the full 214 day injection season and 151 day withdrawal season as adopted for 2018 in PG&E's 2015 Gas Transmission and Storage Rate Case.
- Gas Storage shrinkage will be applied in-kind on storage injections.
- Dollar differences are due to rounding.

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted**

**APPENDIX H: Table 20**

**PACIFIC GAS AND ELECTRIC COMPANY**

**Local Transmission Rates**

**\$/dth**

<b>Customer Groups</b>	<b>2018</b>	<b>2019</b>	<b>2019 GT&amp;S Rates</b>		<b>2022</b>
			<b>2020</b>	<b>2021</b>	
Core Retail Local Transmission	1.8988	2.0198	2.1777	2.3216	2.4300
Noncore Retail and Wholesale	0.8286	0.9226	1.0029	1.0654	1.1092

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)**

**Adopted  
APPENDIX H: Table 21**

**PACIFIC GAS AND ELECTRIC COMPANY  
Customer Access Charge Rates  
(\$ per Month)**

		<u>2018</u>	<u>2019</u>	<u>2019 GT&amp;S Rates</u>		<u>2022</u>
				<u>2020</u>	<u>2021</u>	
<b><u>G-EG / G-NT (\$/month)</u></b>						
	Average Monthly Therms Over 12 Months					
Tier 1	0 to 5,000	\$33.73	\$29.95	\$29.66	\$29.23	\$28.76
Tier 2	5,001 to 10,000	\$100.46	\$89.23	\$88.36	\$87.06	\$85.68
Tier 3	10,001 to 50,000	\$186.98	\$166.07	\$164.46	\$162.04	\$159.48
Tier 4	50,001 to 200,000	\$245.39	\$217.95	\$215.84	\$212.65	\$209.30
Tier 5	200,001 to 1,000,000	\$356.04	\$316.23	\$313.16	\$308.54	\$303.67
Tier 6	1,000,001 and above	\$3,020.14	\$2,682.42	\$2,656.42	\$2,617.24	\$2,575.91
<b><u>Wholesale (\$/month)</u></b>						
	Alpine	\$161.51	\$156.39	\$154.87	\$152.59	\$150.18
	Coalinga	\$714.31	\$691.68	\$684.98	\$674.88	\$664.22
	Island Energy	\$483.98	\$468.65	\$464.11	\$457.26	\$450.04
	Palo Alto	\$2,381.70	\$2,306.24	\$2,283.89	\$2,250.20	\$2,214.67
	West Coast Gas - Castle	\$414.94	\$401.79	\$397.90	\$392.03	\$385.84
	West Coast Gas - Mather	\$379.20	\$367.19	\$363.63	\$358.27	\$352.61

**2019 Gas Transmission and Storage Rate Case (2019 GT&S)  
 Adopted  
 APPENDIX H: Table 22**

**PACIFIC GAS AND ELECTRIC COMPANY**

**Self Balancing Credit**

	<u>2018</u>		<u>2019</u>	<u>2020</u>	<u>2019 GT&amp;S Rates 2021</u>	<u>2022</u>
<b>Self Balancing Credit</b>	(\$0.0200)		(\$0.0318)	(\$0.0350)	(\$0.0360)	(\$0.0368)

**Notes:**

- a) Storage balancing costs are bundled in backbone rates. Customers or Balancing agents who elect self balancing on a daily basis can opt out of PG&E's monthly balancing program and receive a self-balancing credit.

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
35280-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 12	35167-G
35281-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 13	35168-G
35282-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 14	35169-G
35283-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 15	35170-G
35284-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 16	35171-G
35285-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 17	35172-G
35286-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 18	35173-G
35287-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 19	35174-G
35288-G	GAS PRELIMINARY STATEMENT PART B DEFAULT TARIFF RATE COMPONENTS Sheet 20	35175-G
35289-G	GAS PRELIMINARY STATEMENT PART C GAS ACCOUNTING TERMS & DEFINITIONS Sheet 2	35176-G
35290-G	GAS PRELIMINARY STATEMENT PART C GAS ACCOUNTING TERMS & DEFINITIONS Sheet 3	35177-G
35291-G	GAS PRELIMINARY STATEMENT PART C GAS ACCOUNTING TERMS & DEFINITIONS Sheet 4	34771-G
35292-G	GAS SCHEDULE G-AA AS AVAILABLE TRANSPORTATION ON-SYSTEM Sheet 2	33937-G
35293-G	GAS SCHEDULE G-AAOFF AS-AVAILABLE TRANSPORTATION OFF-SYSTEM Sheet 2	33938-G

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
35294-G	GAS SCHEDULE G-AFT ANNUAL FIRM TRANSPORTATION ON-SYSTEM Sheet 2	33939-G
35295-G	GAS SCHEDULE G-AFTOFF ANNUAL FIRM TRANSPORTATION OFF-SYSTEM Sheet 2	33940-G
35296-G	GAS SCHEDULE G-BAL GAS BALANCING SERVICE FOR INTRASTATE TRANSPORTATION CUSTOMERS Sheet 4	33941-G
35297-G	GAS SCHEDULE G-CFS CORE FIRM STORAGE Sheet 1	34016-G*
35298-G	GAS SCHEDULE G-EG GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION Sheet 2	35178-G
35299-G	GAS SCHEDULE G-LNG EXPERIMENTAL LIQUEFIED NATURAL GAS SERVICE Sheet 1	35179-G
35300-G	GAS SCHEDULE G-NGV4 NONCORE NATURAL GAS SERVICE FOR COMPRESSION ON CUSTOMERS' PREMISES Sheet 1	34352-G
35301-G	GAS SCHEDULE G-NGV4 NONCORE NATURAL GAS SERVICE FOR COMPRESSION ON CUSTOMERS' PREMISES Sheet 2	35180-G
35302-G	GAS SCHEDULE G-NT GAS TRANSPORTATION SERVICE TO NONCORE END-USE CUSTOMERS Sheet 1	34355-G
35303-G	GAS SCHEDULE G-NT GAS TRANSPORTATION SERVICE TO NONCORE END-USE CUSTOMERS Sheet 2	35181-G
35304-G	GAS SCHEDULE G-SFS STANDARD FIRM STORAGE SERVICE Sheet 1	33954-G
35305-G	GAS SCHEDULE G-SFT SEASONAL FIRM TRANSPORTATION ON-SYSTEM ONLY Sheet 2	33955-G

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
35306-G	GAS SCHEDULE G-WSL GAS TRANSPORTATION SERVICE TO WHOLESALE/RESALE CUSTOMERS Sheet 1	35182-G
35307-G	GAS SCHEDULE G-WSL GAS TRANSPORTATION SERVICE TO WHOLESALE/RESALE CUSTOMERS Sheet 2	34778-G
35308-G	GAS SCHEDULE G-XF PIPELINE EXPANSION FIRM INTRASTATE TRANSPORTATION SERVICE Sheet 1	33957-G
35309-G	GAS SCHEDULE G-XF PIPELINE EXPANSION FIRM INTRASTATE TRANSPORTATION SERVICE Sheet 2	32782-G
35310-G	GAS TABLE OF CONTENTS Sheet 1	35276-G
35311-G	GAS TABLE OF CONTENTS Sheet 2	35277-G
35312-G	GAS TABLE OF CONTENTS Sheet 3	35278-G
35313-G	GAS TABLE OF CONTENTS Sheet 4	35279-G



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 12

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM)\* (Cont'd.)

NONCORE p. 1

THERMS:	G-NT TRANSMISSION		G-NT—DISTRIBUTION SUMMER					
			0- <u>20,833</u>	20,834- <u>49,999</u>	50,000- <u>166,666</u>	166,667- <u>249,999***</u>		
NCA – NONCORE	0.00909	(R)	0.00909 (R)	0.00909 (R)	0.00909 (R)	0.00909 (R)	0.00909 (R)	
NCA – DISTRIBUTION SUBACCOUNT	0.00996		0.22795 (I)	0.14318 (I)	0.12586 (I)	0.11232 (I)		
CPUC FEE	0.00250		0.00250	0.00250	0.00250	0.00250		
CSI- SOLAR THERMAL PROGRAM	0.00178		0.00178	0.00178	0.00178	0.00178		
CEE INCENTIVE	0.00000		0.00001	0.00001	0.00001	0.00001		
LOCAL TRANSMISSION OR SURCHARGE (AT RISK) (3)	0.09226	(I)	0.09226 (I)	0.09226 (I)	0.09226 (I)	0.09226 (I)	0.09226 (I)	
AB 32 GHG COMPLIANCE COST	0.04781		0.04781	0.04781	0.04781	0.04781		
AB 32 GHG OPERATIONAL COST	0.00268		0.00268	0.00268	0.00268	0.00268		
NCA - ARB AB32 COI	0.00104		0.00104	0.00104	0.00104	0.00104		
2019 GT&S LATE IMPLEMENTATION AMORT – LT	(0.00009)	(R)	(0.00009) (R)	(0.00009) (R)	(0.00009) (R)	(0.00009) (R)	(0.00009) (R)	(T)
2019 GT&S LATE IMPLEMENTATION AMORT – BB	(0.00123)	(R)	(0.00123) (R)	(0.00123) (R)	(0.00123) (R)	(0.00123) (R)	(0.00123) (R)	(T)
2019 GT&S LATE IMPLEMENTATION AMORT – Storage	<u>0.00046</u>	(I)	<u>0.00046</u> (I)	<u>0.00046</u> (I)	<u>0.00046</u> (I)	<u>0.00046</u> (I)	<u>0.00046</u> (I)	(T)
<b>TOTAL RATE</b>	<b>0.16626</b>	(I)	<b>0.38426</b> (I)	<b>0.29949</b> (I)	<b>0.28217</b> (I)	<b>0.26863</b> (I)		

\* All tariff rate components on the sheet include an allowance for Revenue Fees and Uncollectible (RF&U) accounts expense.

\*\* Refer to footnotes at end of Noncore Default Tariff Rate Components.

\*\*\* Rate components for G-NT Distribution over 249,999 therms are the same as G-NT Transmission.

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 13

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM)\* (Cont'd.)

NONCORE p. 2

THERMS:	G-NT BACKBONE		G-NT—DISTRIBUTION WINTER								
			0-20,833		20,834-49,999		50,000-166,666		166,667-249,999***		
NCA – NONCORE	0.01190	(R)	0.00909	(R)	0.00909	(R)	0.00909	(R)	0.00909	(R)	
NCA – DISTRIBUTION SUBACCOUNT	0.00000		0.30980	(I)	0.19536	(I)	0.17198	(I)	0.15370	(I)	
CPUC FEE	0.00250		0.00250		0.00250		0.00250		0.00250		
CSI- SOLAR THERMAL PROGRAM	0.00178		0.00178		0.00178		0.00178		0.00178		
CEE INCENTIVE LOCAL TRANSMISSION OR SURCHARGE (AT RISK) (3)	0.00000		0.00001		0.00001		0.00001		0.00001		
AB 32 GHG COMPLIANCE COST	0.04781		0.04781		0.04781		0.04781		0.04781		
AB 32 GHG OPERATIONAL COST	0.00268		0.00268		0.00268		0.00268		0.00268		
NCA - ARB AB32 COI	0.00104		0.00104		0.00104		0.00104		0.00104		
2019 GT&S LATE IMPLEMENTATION AMORT – LT	0.00000		(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R)	(T)
2019 GT&S LATE IMPLEMENTATION AMORT – BB	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(T)
2019 GT&S LATE IMPLEMENTATION AMORT – Storage	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	(T)
<b>TOTAL RATE</b>	<b>0.06694</b>	(R)	<b>0.46611</b>	(I)	<b>0.35167</b>	(I)	<b>0.32829</b>	(I)	<b>0.31001</b>	(I)	

\* All tariff rate components on the sheet include an allowance for Revenue Fees and Uncollectible (RF&U) accounts expense.

\*\* Refer to footnotes at end of Noncore Default Tariff Rate Components.

\*\*\* Rate components for G-NT Distribution over 249,999 therms are the same as G-NT Transmission

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 14

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM)\* (Cont'd.)

NONCORE p. 3

	<u>G-EG (2)**</u>		<u>G-EG BACKBONE</u>		
NCA – NONCORE	0.00909	(R)	0.00680	(R)	
NCA – DISTRIBUTION SUBACCOUNT	0.00311	(R)	0.00822	(I)	
CPUC FEE	0.00010		0.00010		
CSI- SOLAR THERMAL PROGRAM	0.00000		0.00000		
CEE INCENTIVE	0.00000		0.00000		
LOCAL TRANSMISSION OR SURCHARGE (AT RISK) (3)	0.09226	(I)	0.00000		
AB 32 GHG COMPLIANCE COST	0.04781		0.04781		
AB 32 GHG OPERATIONAL COST	0.00268		0.00268		
NCA - ARB AB32 COI	0.00104		0.00104		
2019 GT&S LATE IMPLEMENTATION AMORT – LT	(0.00009)	(R)	0.00000		(T)
2019 GT&S LATE IMPLEMENTATION AMORT – BB	(0.00123)	(R)	(0.00123)	(R)	(T)
2019 GT&S LATE IMPLEMENTATION AMORT – Storage	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	(T)
<b>TOTAL RATE</b>	<b>0.15523</b>	(I)	<b>0.06588</b>	(R)	

\* All tariff rate components on the sheet include an allowance for Revenue Fees and Uncollectible (RF&U) accounts expense.

\*\* Refer to footnotes at end of Noncore Default Tariff Rate Components.

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 15

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM)\* (Cont'd.)

NONCORE p. 4

	G-WSL							
	Palo Alto-T		Coalinga-T		Island Energy-T		Alpine-T	
NCA – NONCORE	0.00729	(R)	0.00729	(R)	0.00729	(R)	0.00729	(R)
NCA – DISTRIBUTION SUBACCOUNT	0.00000		0.00000		0.00000		0.00000	
CPUC FEE**	0.00000		0.00000		0.00000		0.00000	
CSI- SOLAR THERMAL PROGRAM	0.00000		0.00000		0.00000		0.00000	
CEE INCENTIVE	0.00000		0.00000		0.00000		0.00000	
LOCAL TRANSMISSION (AT RISK)	0.09226	(I)	0.09226	(I)	0.09226	(I)	0.09226	(I)
AB 32 GHG COMPLIANCE COST	0.04781		0.04781		0.04781		0.04781	
AB 32 GHG OPERATIONAL COST	0.00267		0.00267		0.00267		0.00267	
2019 GT&S LATE IMPLEMENTATION AMORT – LT	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – BB	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – Storage	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I) (T)
<b>TOTAL RATE</b>	<b>0.14917</b>	(I)	<b>0.14917</b>	(I)	<b>0.14917</b>	(I)	<b>0.14917</b>	(I)

\* All tariff rate components on this sheet include an allowance for Revenue Fees only.

\*\* The CPUC Fee does not apply to customers on Schedule G-WSL

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 16

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM)\* (Cont'd.)

	G-WSL					
	West Coast Mather-T		West Coast Mather-D		West Coast Castle-D	
NCA – NONCORE	0.00729	(R)	0.00729	(R)	0.00729	(R)
NCA – DISTRIBUTION SUBACCOUNT	0.00000		0.26611	(R)	0.20095	(R)
CPUC FEE**	0.00000		0.00000		0.00000	
CSI- SOLAR THERMAL PROGRAM	0.00000		0.00000		0.00000	
CEE INCENTIVE	0.00000		0.00000		0.00000	
LOCAL TRANSMISSION (AT RISK)	0.09226	(I)	0.09226	(I)	0.09226	(I)
AB 32 GHG COMPLIANCE COST	0.04781		0.04781		0.04781	
AB 32 GHG OPERATIONAL COST	0.00267		0.00267		0.00267	
2019 GT&S LATE IMPLEMENTATION AMORT – LT	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – BB	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – Storage	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I) (T)
<b>TOTAL RATE</b>	<b>0.14917</b>	(I)	<b>0.41528</b>	(I)	<b>0.35012</b>	(I)

\* All tariff rate components on this sheet include an allowance for Revenue Fees only.

\*\* The CPUC Fee does not apply to customers on Schedule G-WSL

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 17

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM) (Cont'd.)\*

NONCORE p. 6

	G-NGV4 TRANSMISSION		G-NGV4—DISTRIBUTION SUMMER							
			0- 20,833		20,834- 49,999		50,000- 166,666		166,667- 249,999	
NCA – NONCORE	0.00895	(R)	0.00909	(R)	0.00909	(R)	0.00909	(R)	0.00909	(R)
NCA – DISTRIBUTION SUBACCOUNT	0.00013		0.22795	(I)	0.14318	(I)	0.12586	(I)	0.11232	(I)
CPUC FEE	0.00250		0.00250		0.00250		0.00250		0.00250	
CSI- SOLAR THERMAL PROGRAM	0.00178		0.00178		0.00178		0.00178		0.00178	
CEE INCENTIVE	0.00000		0.00001		0.00001		0.00001		0.00001	
LOCAL TRANSMISSION (AT RISK)	0.09226	(I)	0.09226	(I)	0.09226	(I)	0.09226	(I)	0.09226	(I)
AB 32 GHG COMPLIANCE COST	0.04781		0.04781		0.04781		0.04781		0.04781	
AB 32 GHG OPERATIONAL COST	0.00268		0.00268		0.00268		0.00268		0.00268	
NCA - ARB AB32 COI	0.00104		0.00104		0.00104		0.00104		0.00104	
2019 GT&S LATE IMPLEMENTATION AMORT – LT	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – BB	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – Storage	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I) (T)
<b>TOTAL RATE</b>	<b>0.15629</b>	(I)	<b>0.38426</b>	(I)	<b>0.29949</b>	(I)	<b>0.28217</b>	(I)	<b>0.26863</b>	(I)

\* All tariff rate components on the sheet include an allowance for Revenue Fees and Uncollectible (RF&U) accounts expense.

\*\* Refer to footnotes at end of Noncore Default Tariff Rate Components.

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 18

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM) (Cont'd.)\*

NONCORE p. 7

THERMS:	G-NGV4 BACKBONE		G—NGV4-DISTRIBUTION WINTER							
			0-20,833	20,834-49,999	50,000-166,666	166,667-249,999				
NCA – NONCORE	0.01190	(R)	0.00909	(R)	0.00909	(R)	0.00909	(R)	0.00909	(R)
NCA – DISTRIBUTION SUBACCOUNT	0.00000		0.30980	(I)	0.19536	(I)	0.17198	(I)	0.15370	(I)
CPUC FEE	0.00250		0.00250		0.00250		0.00250		0.00250	
CSI- SOLAR THERMAL PROGRAM	0.00178		0.00178		0.00178		0.00178		0.00178	
CEE INCENTIVE	0.00000		0.00001		0.00001		0.00001		0.00001	
LOCAL TRANSMISSION (AT RISK)	0.00000		0.09226	(I)	0.09226	(I)	0.09226	(I)	0.09226	(I)
AB 32 GHG COMPLIANCE COST	0.04781		0.04781		0.04781		0.04781		0.04781	
AB 32 GHG OPERATIONAL COST	0.00268		0.00268		0.00268		0.00268		0.00268	
NCA - ARB AB32 COI	0.00104		0.00104		0.00104		0.00104		0.00104	
2019 GT&S LATE IMPLEMENTATION AMORT – LT	0.00000		(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R)	(0.00009)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – BB	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R)	(0.00123)	(R) (T)
2019 GT&S LATE IMPLEMENTATION AMORT – Storage	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I)	<u>0.00046</u>	(I) (T)
<b>TOTAL RATE</b>	<b>0.06694</b>	(R)	<b>0.46611</b>	(I)	<b>0.35167</b>	(I)	<b>0.32829</b>	(I)	<b>0.31001</b>	(I)

\* All tariff rate components on the sheet include an allowance for Revenue Fees and Uncollectible (RF&U) accounts expense.

\*\* Refer to footnotes at end of Noncore Default Tariff Rate Components.

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 19

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM) (Cont'd.)\*

NONCORE p. 8

	<u>G-LNG (1)*</u>	
NCA – NONCORE	0.00000	
NCA – DISTRIBUTION SUBACCOUNT	0.00000	
CPUC Fee	0.00250	
CSI- SOLAR THERMAL PROGRAM	0.00000	
CEE INCENTIVE	0.00000	
LNG BALANCING ACCOUNT	0.29098	(I)
LOCAL TRANSMISSION (AT RISK)	0.00000	
<b>TOTAL RATE</b>	<b>0.29348</b>	<b>(I)</b>

\* All tariff rate components on the sheet include an allowance for Revenue Fees and Uncollectible (RF&U) accounts expense.

\*\* Refer to footnotes at end of Noncore Default Tariff Rate Components.

(Continued)



**GAS PRELIMINARY STATEMENT PART B  
DEFAULT TARIFF RATE COMPONENTS**

Sheet 20

B. DEFAULT TARIFF RATE COMPONENTS (\$/THERM) (Cont'd.)

**MAINLINE EXTENSION RATES (1)**

Core Schedules (2)	Mainline Extension Rate (Per Therm) (T)	Core Customer Charges (3)		
		<b>ADU (therms) (4)</b>	<b>Per Day</b>	
Schedule G-NR1	\$0.35159	0 – 5.0	\$0.27048	
		5.1 to 16.0	\$0.52106	
		16.1 to 41.0	\$0.95482	
		41.1 to 123.0	\$1.66489	
		123.1 & Up	\$2.14936	
Schedule G-NR2	\$0.14996	All Usage Levels	\$4.95518	
Schedule G-NGV1	\$0.07848	All Usage Levels	\$0.44121	
Schedule G-NGV2	N/A	All Usage Levels	N/A	
Noncore Schedules	Mainline Extension Rate (Per Therm) (T)	Noncore Customer Access Charges (5)		
Schedule G-NT		<b>Average Monthly Use (Therms)</b>	<b>Per Day</b>	
Distribution	\$0.16780 (I)	0 to 5,000	\$0.98466	(R)
Local Transmission	\$0.01032	5,001 to 10,000	\$2.93359	(R)
Backbone	\$0.00000	10,001 to 50,000	\$5.45984	(R)
		50,001 to 200,000	\$7.16548	(R)
Schedule G-EG		200,001 to 1,000,000	\$10.39660	(R)
Distribution	\$0.00323	1,000,001 and above	\$88.18915	(R)
Local Transmission	\$0.00323			
Backbone	\$0.00323			
Schedule G-NGV4				
Distribution	\$0.16780 (I)			
Local Transmission	\$0.00000			
Backbone	\$0.00000			

- (1) Mainline Extension Rates are required to support calculation of distribution-based revenues described in Rule 15.
- (2) For all residential schedules, see Rule 15 for extension allowances.
- (3) The Core Customer Charge is in addition to the core Mainline Extension Rates specified above.
- (4) The applicable Schedule G-NR1 Customer Charge is based on the customer's highest Average Daily Usage (ADU) determined from among the billing periods occurring within the last twelve (12) months, including the current billing period. PG&E calculates the ADU for each billing period by dividing the total usage by the number of days in the billing period.
- (5) The Noncore Customer Access Charge is in addition to the noncore Mainline Extension Rates specified above.

(Continued)



**GAS PRELIMINARY STATEMENT PART C  
GAS ACCOUNTING TERMS & DEFINITIONS**

Sheet 2

C. GAS ACCOUNTING TERMS AND DEFINITIONS (Cont'd.)

2. ANNUAL GAS REVENUE REQUIREMENT AND PPP FUNDING REQUIREMENTS: (Cont'd.)

Amount (\$000)

Description	Core	Noncore	Unbundled	Core Procurement	Total
<b>BASE REVENUES (incl. RF&amp;U) :</b>					
Authorized GRC Distribution Base Revenue (1)					1,949,879
Pension - Distribution (2)					47,699
Less: Other Operating Revenue					(28,091)
<b>Authorized Distribution Revenues</b>	<u>1,900,921</u>	<u>68,566</u>			<u>1,969,487</u>
<b>BCAP ALLOCATION ADJUSTMENTS AND CREDITS TO BASE:</b>					
G-10 Procurement-Related Employee Discount	(698) (R)				(698) (R)
G-10 Procurement Discount Allocation	275 (I)	423 (I)			698 (I)
Core Brokerage Fee Credit	<u>(6,583)</u>				<u>(6,583)</u>
<b>Distribution Base Revenue with Adj. and Credits</b>	<u>1,893,915</u> (R)	<u>68,989</u> (I)			<u>1,962,904</u>
<b>TRANSPORTATION FORECAST PERIOD COSTS &amp; BALANCING ACCOUNT BALANCES (3):</b>					
Transportation Balancing Accounts	312,602 (R)	30,662 (R)			343,264 (R)
Self-Generation Incentive Program Revenue Requirement	5,149	7,841			12,990
CPUC Fee	7,155	4,505			11,660
Pension – Gas Transmission & Storage (GT&S)	11,436	6,577			18,013
Greenhouse Gas Obligation Cost	7,662	11,766			19,428
Greenhouse Gas Compliance Cost	136,322	31,412			167,734
Greenhouse Gas Allowance Proceeds Return	(128,831)	0			(128,831)
Revenue Fees and Uncollectible (RF&U) accounts expense (on items above)	5,899 (R)	950 (R)			6,849 (R)
CARE Discount included in PPP Funding Requirement	(126,435)				(126,435)
CARE Discount not included in PPP Surcharge Rates	<u>0</u>				<u>0</u>
<b>Transportation Forecast Period Costs &amp; Balancing Account Balances</b>	<u>230,959</u> (R)	<u>93,713</u> (R)			<u>324,672</u> (R)
<b>GT&amp;S REVENUE REQUIREMENT (incl. RF&amp;U) (4):</b>					
Local Transmission	551,496 (R)	247,789 (R)			799,286 (R)
Customer Access Charge – Transmission		2,428 (R)			2,428 (R)
Storage	117,999 (I)		17,174 (I)		135,173 (I)
Carrying Cost on PG&E Working Gas in Storage	577 (R)		6 (R)		583 (R)
Backbone Transmission/L-401	<u>152,847</u> (I)		<u>204,980</u> (R)		<u>357,828</u> (I)
<b>GT&amp;S Revenue Requirement</b>	<u>822,920</u> (I)	<u>250,217</u> (R)	<u>222,160</u> (R)		<u>1,295,297</u> (I)

(1) The amount includes the authorized distribution base revenue approved in GRC D.17-05-013 and updated for the 2019 uncollectibles factor as determined in Advice 4020-G/5389-E.

(2) The calculation of the 2019 pension RRQ reflects the capitalization and functional labor ratios approved in the 2017 GRC D.17-05-013. See also Advice 4083-G.

(3) The SGIP revenue requirement was authorized in D.17-04-017.

(4) The 2019 Gas Transmission & Storage Revenue Requirement as adopted in D.19-09-025.

\*Some numbers may not add precisely due to rounding.

(T)

(Continued)



**GAS PRELIMINARY STATEMENT PART C  
GAS ACCOUNTING TERMS & DEFINITIONS**

Sheet 3

C. GAS ACCOUNTING TERMS AND DEFINITIONS (Cont'd.)

2. ANNUAL GAS REVENUE REQUIREMENT AND PPP FUNDING REQUIREMENTS: (Cont'd.)

Description	Amount (\$000)				
	Core	Noncore	Unbundled	Core Procurement	Total
<b>ILLUSTRATIVE CORE PROCUREMENT REVENUE REQUIREMENT (5):</b>					
Illustrative Gas Supply Portfolio				524,605 (I)	524,605 (I)
Interstate and Canadian Capacity				135,456	135,456
RF&U (on items above and Procurement Account Balances Below)				8,803 (I)	8,803 (I)
Backbone Capacity (incl. RF&U)	(114,304) (R)			114,304 (I)	0
Backbone Volumetric (incl. RF&U)	(38,544) (R)			38,544 (I)	0
Storage (incl. RF&U)	(117,999) (R)			117,999 (I)	0
Carrying Cost on PG&E Working Gas in Storage (incl. RF&U)	(577) (I)			577 (R)	0
Core Brokerage Fee (incl. RF&U)				6,583	6,583
Procurement Account Balances				-	-
<b>Illus. Core Procurement Revenue Requirement</b>	<u>(271,423) (R)</u>			<u>946,870 (I)</u>	<u>675,447 (I)</u>
<b>TOTAL GAS REVENUE REQUIREMENT (without PPP)</b>	<u>2,676,371 (R)</u>	<u>412,919 (R)</u>	<u>222,160</u>	<u>946,870 (I)</u>	<u>4,258,319 (I)</u>
<b>GT&amp;S LATE IMPLEMENTATION REVENUE REQUIREMENT (7):</b>					
Local Transmission Backbone	17,842 (I)	(247) (R)			17,595 (I)
Storage	14,966 (I)	(4,391) (R)			10,575 (I)
	<u>41,451 (I)</u>	<u>1,632 (I)</u>			<u>43,083 (I)</u>
<b>Total GT&amp;S Late Implementation Revenue Requirement</b>	<u>74,259 (I)</u>	<u>(3,006) (R)</u>			<u>71,253 (I)</u>
<b>PUBLIC PURPOSE PROGRAM (PPP) FUNDING REQUIREMENT (RF&amp;U exempt) (6):</b>					
Energy Efficiency (EE)	61,078	6,799			67,877
Energy Savings Assistance (ESA)	69,780	7,767			77,547
Research, Demonstration and Development (RD&D)	6,222	4,492			10,714
CARE Administrative Expense	2,026	1,711			3,737
Statewide Marketing, Education & Outreach	768	86			854
BOE and CPUC Administrative Cost	294	213			507
PPP Balancing Accounts	(15,076)	(10,560)			(25,636)
CARE Discount Recovered from non-CARE customers	<u>68,566</u>	<u>57,869</u>			<u>126,435</u>
<b>Total PPP Funding Requirement in Rates</b>	<u>193,658</u>	<u>68,377</u>			<u>262,035</u>
<b>TOTAL GAS REVENUE AND PPP FUNDING REQUIREMENT</b>	<u>2,944,288 (I)</u>	<u>478,290 (R)</u>	<u>222,160 (R)</u>	<u>946,870 (I)</u>	<u>4,591,607 (I)</u>

(5) The credits shown in the Core column represent the core portion of the GT&S RRQ that is included in the illustrative Core Procurement RRQ, and are shown here to avoid double counting these costs in the total. The Gas Supply Portfolio cost is an annual illustrative amount. Actual gas commodity costs change monthly.

(6) The PPP funding requirement is recovered in gas PPP surcharge rates pursuant to D.04-08-010 and 2018 PPP Surcharge AL 4037-G; and includes ESA program and CARE annual administrative expense funding adopted in D.17-12-009, EE program funding adopted in D.18-05-041, and Statewide Marketing Education and Outreach funding adopted in D.16-09-020, excluding RF&U per D.04-08-010.

(7) See Appendix H, Table 2 of D.19-09-025. Note Noncore portion of NGSS Enduser Depreciation/Decommissioning as shown on line 9 of Attachment H, Table (\$5.8M annual RRQ) is included in Local Transmission Balancing Accounts.

As of January 1, 2019 AGT (AL 4053-G) includes the IRS Private Letter Ruling (AL-3909-G) revenue requirement increase.

Note: Totals may not foot due to rounding.

(Continued)

Advice 4149-G  
Decision 19-09-025

Issued by  
**Robert S. Kenney**  
Vice President, Regulatory Affairs

Submitted  
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Resolution

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October 1, 2019



**GAS PRELIMINARY STATEMENT PART C  
GAS ACCOUNTING TERMS & DEFINITIONS**

Sheet 4

C. GAS ACCOUNTING TERMS AND DEFINITIONS (Cont'd.)

3. COST ALLOCATION FACTORS:

- a. General: These factors are derived from the allocation policies adopted in the last Cost Allocation Proceeding and are used to allocate recorded costs to customer classes.

Cost Category	Factor			Total
	Core	Noncore	Unbundled Storage and System Load Balancing	
Distribution Base Revenue Requirements	0.965186	0.034814		1.000000
Intervenor Compensation	0.965186	0.034814		1.000000
Other – Equal Distribution Based on All Transportation Volumes	0.394376	0.605624		1.000000
Carrying Cost on PG&E Working Gas in Storage	0.403218 (R)		0.596782 (I)	1.000000
ARB AB32 Cost of Implementation Fee	0.498949	0.501051		1.000000

- b. Pacific Gas and Electric Gas Transmission Northwest (PG&E GT-NW) and Intrastate Pipeline Demand Charges: Factors are derived based on the procedures defined in Decisions 91-11-025 and 97-05-093.

- 1) The core procurement factor will be equal to the capacity reserved for core procurement customers on each pipeline divided by the total capacity held by PG&E on that pipeline.
- 2) The core transport factor will be equal to the capacity reserved for core transport customers on each pipeline divided by the total capacity held by PG&E on that pipeline.

4. COST ALLOCATION PROCEEDING: The proceeding in which the Transportation Revenue Requirement, as described in Section C.10.c below, and the gas PPP authorized funding, as described in Section C.11. below, is allocated between customer classes. This proceeding is currently a biennial proceeding pursuant to CPUC Decision 90-09-089.

5. FORECAST PERIOD OR TEST PERIOD: The 24-month period, beginning with the revision date as specified in the Cost Allocation Proceeding.

(Continued)



**GAS SCHEDULE G-AA**  
AS AVAILABLE TRANSPORTATION ON-SYSTEM

Sheet 2

**RATES:** The Customer shall pay a Usage Charge for each decatherm equal to the applicable usage rate for the contracted path, multiplied by the quantity of gas delivered on the Customer's behalf.

1. Usage Charge:

<u>Path:</u>	<u>Usage Rate (Per Dth)</u>
Redwood to On-System	\$0.5886 (I)
Baja to On-System	\$0.7086 (I)
Silverado to On-System	\$0.4052 (I)
Mission to On-System	\$0.0000

2. Additional Charges:

The Customer shall be responsible for payment of any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from Backbone or interstate sources.

**NEGOTIABLE RATES:** Rates under this schedule are not negotiable.

**CREDIT-WORTHINESS:** Customer must meet the creditworthiness requirements specified in Rule 25.

**SERVICE AGREEMENT AND TERM:** A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) is required for service on this schedule. The minimum term for service under the GTSA is one (1) year.

**SHRINKAGE:** Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

**NOMINATIONS:** Nominations are required for gas transported under this rate schedule. See Rule 21 for details.

**CURTAILMENT OF SERVICE:** Service under this schedule may be curtailed. See Rule 14 for details.

**BALANCING:** Service hereunder shall be subject to all applicable terms, conditions and obligations of Schedule G-BAL.



**GAS SCHEDULE G-AAOFF**  
**AS-AVAILABLE TRANSPORTATION OFF-SYSTEM**

Sheet 2

**RATES:** The Customer shall pay a Usage Charge for each decatherm equal to the applicable usage rate for the contracted path, multiplied by the quantity of gas delivered on the Customer's behalf.

1. Usage Charge:

<u>Path:</u>	<u>Usage Rate (Per Dth)</u>
Redwood to Off-System	\$0.5886 (l)
Baja to Off-System	\$0.7086 (l)
Silverado to Off-System	\$0.5886 (l)
Mission to Off-System	\$0.5886 (l)
Mission to Off-System Storage Withdrawals	\$0.0000

2. Additional Charges:

The Customer shall be responsible for payment of any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from Backbone or interstate sources.

**NEGOTIABLE RATES:** Rates under this schedule are not negotiable.

**STORAGE WITHDRAWAL OPTIONS (MISSION TO OFF-SYSTEM):** Storage withdrawals to PG&E's Backbone Transmission System may be nominated for off-system delivery under the Mission Off-System As-Available service for no additional charge.

**CREDIT-WORTHINESS:** Customer must meet the creditworthiness requirements specified in Rule 25.

**SERVICE AGREEMENT:** A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) is required for service under this schedule. The minimum term for service under the GTSA is one (1) year.

**SHRINKAGE:** Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

**NOMINATIONS:** Nominations are required for gas transported under this rate schedule. See Rule 21 for details.

**CURTAILMENT OF SERVICE:** Service under this schedule may be curtailed. See Rule 14 for details.

**BALANCING:** Service hereunder shall be subject to all applicable terms, conditions and obligations of Schedule G-BAL.



**GAS SCHEDULE G-AFT**  
**ANNUAL FIRM TRANSPORTATION ON-SYSTEM**

Sheet 2

RATES: Customer has the option to elect either the Modified Fixed Variable (MFV) or the Straight Fixed Variable (SFV) rate structure, which will then be specified in the exhibits to the Customer's GTSA.

1. Reservation Charge:

The Reservation Charge shall be the applicable reservation rate multiplied by the Maximum Daily Quantity (MDQ) for the contracted path as specified in the exhibits to the Customer's GTSA. The Reservation Charge is payable each month regardless of the quantity of gas transported during the month.

Path:	Reservation Rate (Per Dth per month)			
	MFV Rates		SFV Rates	
Redwood to On-System	\$10.8592	(I)	\$14.8458	(I)
Redwood to On-System (Core Procurement Groups only)	\$10.3200	(I)	\$13.7304	(I)
Baja to On-System	\$13.0732	(I)	\$17.8727	(I)
Baja to On-System (N) (Core Procurement Groups only) (N)	\$12.5942	(I)	\$16.7562	(I)
Silverado to On-System (including Core Procurement Groups)	\$7.4504	(I)	\$10.2169	(I)
Mission to On-System (including Core Procurement Groups)	\$7.4504	(I)	\$10.2169	(I)

2. Usage Charge:

The Usage Charge shall be equal to the applicable usage rate for the contracted path, multiplied by the quantity of gas delivered on the Customer's behalf.

Path:	Usage Rate (Per Dth)			
	MFV Rates		SFV Rates	
Redwood to On-System	\$0.1335	(I)	\$0.0024	(I)
Redwood to On-System (Core Procurement Groups only)	\$0.1145	(I)	\$0.0024	(I)
Baja to On-System	\$0.1607	(I)	\$0.0029	(I)
Baja to On-System (N) (Core procurement Groups only) (N)	\$0.1397	(I)	\$0.0029	(I)
Silverado to On-System (including Core Procurement Groups)	\$0.0927	(I)	\$0.0017	(I)
Mission to On-System (including Core Procurement Groups)	\$0.0927	(I)	\$0.0017	(I)
Mission to On-System Storage Withdrawals (Conversion option from Firm On-System Redwood or Baja Path only)	\$0.0000		\$0.0000	

(Continued)



**GAS SCHEDULE G-AFTOFF**  
ANNUAL FIRM TRANSPORTATION OFF-SYSTEM

Sheet 2

RATES: Customer has the option to elect either the MFV or the SFV rate structure, which will then be specified in the exhibits to the Customer's GTSA.

1. Reservation Charge:

The Reservation Charge shall be the applicable reservation rate multiplied by the Maximum Daily Quantity (MDQ) for the contracted path as specified in the exhibits to the Customer's GTSA. The Reservation Charge is payable each month regardless of the quantity of gas transported during the month.

<u>Path:</u>	Reservation Rate (Per Dth per month)			
	MFV Rates		SFV Rates	
Redwood to Off-System	\$10.8592	(l)	\$14.8458	(l)
Baja to Off-System	\$13.0732	(l)	\$17.8727	(l)
Silverado to Off-System	\$10.8592	(l)	\$14.8458	(l)
Mission to Off-System	\$10.8592	(l)	\$14.8458	(l)

2. Usage Charge:

The Usage Charge shall be equal to the applicable usage rate for the contracted path, multiplied by the quantity of gas delivered on the Customer's behalf.

<u>Path:</u>	Usage Rate (Per Dth)			
	MFV Rates		SFV Rates	
Redwood to Off-System	\$0.1335	(l)	\$0.0024	(l)
Baja to Off-System	\$0.1607	(l)	\$0.0029	(l)
Silverado to Off-System	\$0.1335	(l)	\$0.0024	(l)
Mission to Off-System	\$0.1335	(l)	\$0.0024	(l)

3. Additional Charges:

The Customer shall be responsible for payment of any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from Backbone or interstate sources.

(Continued)



**GAS SCHEDULE G-BAL** Sheet 4  
**GAS BALANCING SERVICE FOR INTRASTATE TRANSPORTATION CUSTOMERS**

MONTHLY  
BALANCING  
OPTIONS:  
(Cont'd.)

CASHOUT FOR MONTHLY BALANCING:

Monthly imbalances after trading is completed, which exceed the Monthly Tolerance Band are cashed out for both the commodity component and the transportation component.

The Commodity Cashout for each month is based on the following four (4) imbalance categories: Over-deliveries and under-deliveries in the imbalance range of greater than five percent (5%) and less than or equal to ten percent (10%) of usage (Tier I Cashout), and over-deliveries and under-deliveries in the imbalance range of greater than ten percent (10%) of usage (Tier II Cashout). The amount of gas in each category is multiplied by the appropriate price as determined below to calculate the commodity cashout portion of the bill.

The Transportation Cashout for each month is based only on the under or over-delivery greater than five percent (5%). This amount is multiplied by the appropriate transportation cashout price as determined below to calculate the transportation cashout portion of the bill. In the case of an overdelivery, this will be a credit.

SELF-  
BALANCING  
OPTION:

The Self-Balancing option requires daily balancing within specified limits. To participate in Self-Balancing, the Balancing Agent must have an NBAA or CTA Group.

To elect Self-Balancing, the Balancing Agent must sign a Self-Balancing Amendment (Form No. 79-971) and the NBAA or the Core Gas Aggregation Service Agreement (CTA Agreement) will be subject to the terms of Self-Balancing for the period identified in the Amendment.

SELF-BALANCING CREDIT:

The Self-Balancing option allows a Balancing Agent to receive a credit. The Self-Balancing credit is \$0.0318 (I) per Decatherm multiplied by the actual recorded monthly usage. Credits will be provided to the Balancing Agent on a monthly basis, subject to adjustments.

(T)

LIMIT ON SELF-BALANCING PARTICIPATION:

When a Balancing Agent elects Self-Balancing, their share of the balancing storage assets will be assigned to and marketed through PG&E's at-risk unbundled storage program. The amount of storage assets allocated to PG&E's at-risk unbundled storage program is based on the Balancing Agent's End-Use Customer's annual average usage as a percentage of PG&E's average annual system usage. PG&E will allow the election of Self-Balancing until the storage balancing assets of 1.1 Bcf of inventory, 25 MMcf per day of injection and 35 MMcf per day of withdrawal are reached. If these limits are reached, PG&E will restrict further elections for Self-Balancing until capacity is made available or the OFO Forum raises the limits.

(Continued)

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Issued by  
**Robert S. Kenney**  
Vice President, Regulatory Affairs

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**GAS SCHEDULE G-EG**

Sheet 2

**GAS TRANSPORTATION SERVICE TO ELECTRIC GENERATION**

RATES:  
(Cont'd.)

The following charges apply to this schedule. They do not include charges for service on PG&E's Backbone Transmission System:

1. Customer Access Charge:

The applicable Per-Day Customer Access Charge specified below is based on the Customer's Average Monthly Use, as defined in Rule 1. Usage through multiple noncore meters on a single premises will be combined to determine Average Monthly Usage. Customers taking service under this schedule who also receive service under other noncore rate schedules at the same premises will be charged a single Customer Access Charge under this schedule.

<b>Average Monthly Use (Therms)</b>	<b>Per Day</b>
0 to 5,000 therms	\$0.98466 (R)
5,001 to 10,000 therms	\$2.93359 (R)
10,001 to 50,000 therms	\$5.45984 (R)
50,001 to 200,000 therms	\$7.16548 (R)
200,001 to 1,000,000 therms	\$10.39660 (R)
1,000,001 and above therms	\$88.18915 (R)

2. Transportation Charge:

Customers will pay one of the following rates for gas delivered in the current billing period:

- a. The Backbone Level Rate applies to Backbone Level End-Use Customers as defined in Rule 1.  
Backbone Level Rate: \$0.06588 per therm (R)
- b. All Other Customers: \$0.15523 per therm (I)

Customers may be required to pay a franchise fee surcharge for gas volumes transported by PG&E. (See Schedule G-SUR for details.)

In addition, the Customer will also be responsible for any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of gas supplied from a source other than PG&E from intra- or interstate sources.

3. Cap-and-Trade Cost Exemption \$0.04781 per therm

The Cap-and-Trade Cost Exemption is applicable to customers who are identified by the California Air Resources Board (CARB) as being Covered Entities for their Greenhouse Gas (GHG) emissions as part of the Cap-and-Trade program. Applicable Cap-and-Trade Cost Exemptions may be provided from the date CARB identifies a customer as being a Covered Entity, or provided based upon documentation satisfactory to the Utility for the time period for which the customer was a Covered Entity, whichever is earlier.

See Preliminary Statement, Part B for Default Tariff Rate Components.

NEGOTIABLE  
RATES:

Rates under this schedule may be negotiated.

(Continued)



**GAS SCHEDULE G-LNG**  
**EXPERIMENTAL LIQUEFIED NATURAL GAS SERVICE**

Sheet 1

- APPLICABILITY:** This rate schedule\* applies to experimental natural gas liquefaction service provided by PG&E to noncore End-Use Customers. This experimental liquefaction service is limited and PG&E will provide this service on a first-come first-served basis.
- TERRITORY:** Schedule G-LNG applies to the PG&E experimental Liquefied Natural Gas (LNG) facility located in Sacramento, California.
- RATES:** The following charges will apply to per therm liquefied natural gas service under this rate schedule:
- Liquefaction Charge (Per Therm): \$0.29348 (I)
  - LNG Gallon Equivalent: \$0.24065 (I)  
(Conversion factor - One LNG Gallon = 0.82 Therms)
  - Public Purpose Program Surcharge:  
Customers served under this schedule are subject to a gas Public Purpose Program (PPP) Surcharge under Schedule G-PPPS.
- METERING:** For metering and billing purposes, the number of LNG gallons dispensed will be compiled from a summary of transactions recorded at the dispensing unit for the Customer during a calendar month. Delivery and custody transfer of LNG shall be at the point where LNG is dispensed into the Customer's LNG transport vehicle. LNG will be weighed and converted to LNG gallons. Vehicles must be weighed at an authorized weigh station prior to receiving LNG and again after filling. Weight information must be provided to PG&E within 5 business days. LNG gallons delivered will be converted to therms and billed. LNG usage that occurs during a billing period, but which is not recorded in that billing period, will be deferred to a future billing period.
- The rate includes local transportation costs from the PG&E Citygate to the LNG Facility. These charges do not include transportation service on PG&E's Backbone Transmission System, which must be arranged for separately
- See Preliminary Statement, Part B for the default tariff rate components.
- LNG COMPOSITION:** The resulting LNG product delivered will contain amounts equal to or greater than ninety-six percent (96%) methane and amounts equal to or less than four percent (4%) ethane.
- SERVICE AGREEMENT:** The Customer must execute a Natural Gas Service Agreement (NGSA) Form No. 79-756 to receive service under this schedule.
- NOMINATIONS:** Customers who take service under this schedule must arrange for the delivery of natural gas to the PG&E LNG facility in quantities necessary to equal the amount of LNG fuel dispensed to the customer. Nominations are required for gas transported under this schedule. See Rule 21 for details.

\* PG&E's gas tariffs are on-line at [www.pge.com](http://www.pge.com).

(Continued)





**GAS SCHEDULE G-NGV4  
NONCORE NATURAL GAS SERVICE  
FOR COMPRESSION ON CUSTOMERS' PREMISES**

Sheet 2

RATES:  
(Cont'd.)

2. Transportation Charge:

A customer will pay one of the following rates for gas delivered in the current billing month.

a. Backbone Level Rate:

The Backbone Level Rate applies to Backbone Level End-Use Customers as defined in Rule 1.

Backbone Level Rate (per therm) ..... \$0.06694 (R)

b. Transmission-Level Rate:

The Transmission-Level Rate applies to Customers served directly from PG&E gas facilities that have a maximum operating pressure greater than sixty pounds per square inch (60 psi) that do not qualify for the Backbone Level Rate.

Transmission-Level Rate (per therm)..... \$0.15629 (I)

c. Distribution-Level Rate:

The Distribution-Level Rate applies to Customers served from PG&E gas facilities that have a maximum operating pressure of sixty pounds per square inch (60 psi) or less. The Tier 5 rate is equal to the Transmission-Level Rate specified above.

Average Monthly Use (Therms)	Summer (Per Therm)	Winter (Per Therm)
Tier 1: 0 to 20,833	\$0.38426 (I)	\$0.46611 (I)
Tier 2: 20,834 to 49,999	\$0.29949 (I)	\$0.35167 (I)
Tier 3: 50,000 to 166,666	\$0.28217 (I)	\$0.32829 (I)
Tier 4: 166,667 to 249,999	\$0.26863 (I)	\$0.31001 (I)
Tier 5: 250,000 and above*	\$0.15629 (I)	\$0.15629 (I)

3. Cap-and-Trade Cost Exemption: \$0.04781 per therm

The Cap-and-Trade Cost Exemption is applicable to customers who are identified by the California Air Resources Board (CARB) as being Covered Entities for their Greenhouse Gas (GHG) emissions as part of the Cap-and-Trade program. Applicable Cap-and-Trade Cost Exemptions may be provided from the date CARB identifies a customer as being a Covered Entity, or provided based upon documentation satisfactory to the Utility for the time period for which the customer was a Covered Entity, whichever is earlier.

See Preliminary Statement Part B for Default Tariff Rate Components.

\* Tier 5 Summer and Winter rates are the same.

(Continued)



**GAS SCHEDULE G-NT**  
**GAS TRANSPORTATION SERVICE TO NONCORE END-USE CUSTOMERS**

Sheet 1

**APPLICABILITY:** This rate schedule<sup>1</sup> applies to the transportation of natural gas to Noncore End-Use Customers on PG&E's Backbone, Local Transmission and/or Distribution Systems. To qualify for service under this schedule, a Customer must be classified as a Noncore End-Use Customer, as defined in Rule 1. To initially qualify for noncore status, a non-residential Customer must have maintained an average monthly use, through a single meter, in excess of 20,800 therms during the previous twelve (12) months, excluding those months during which usage was 200 therms or less. Certain noncore customers served under this schedule may be restricted from converting to a core rate schedule. See Rule 12 for details on core and noncore reclassification.

Customers on Schedule G-NT must procure gas supply from a supplier other than PG&E.

Per D.15-10-032 and D.18-03-017, transportation rates include GHG Compliance Cost for non-covered entities. Customers who are directly billed by the Air Resources Board (ARB), i.e., covered entities, are exempt from paying AB 32 GHG Compliance Costs through PG&E's rates.<sup>1</sup> A "Cap-and-Trade Cost Exemption" credit for these costs will be shown as a line item on exempt customers' bills.<sup>2, 3</sup>

**TERRITORY:** Schedule G-NT applies everywhere within PG&E's natural gas Service Territory.

**RATES:** The applicable Customer Access Charges and Distribution Level Transportation Rate specified below is based on the Customer's Average Monthly Usage, as defined in Gas Rule 1. Usage through multiple noncore gas meters on a single premises will be combined to determine Average Monthly Usage.

1. Customer Access Charge:

The applicable Per-Day Customer Access Charge is multiplied by the number of days in the billing period.

Average Monthly Use (Therms)	Per Day
0 to 5,000	\$0.98466 (R)
5,001 to 10,000	\$2.93359 (R)
10,001 to 50,000	\$5.45984 (R)
50,001 to 200,000	\$7.16548 (R)
200,001 to 1,000,000	\$10.39660 (R)
1,000,001 and above	\$88.18915 (R)

<sup>1</sup> PG&E's gas tariffs are available online at [www.pge.com](http://www.pge.com).  
<sup>2</sup> Covered entities are not exempt from paying costs associated with LUAF Gas and Gas used by Company Facilities.  
<sup>3</sup> The exemption credit will be equal to the effective non-exempt AB 32 GHG Compliance Cost Rate (\$ per therm) included in Preliminary Statement – Part B, multiplied by the customer's billed volumes (therms) for each billing period.  
<sup>4</sup> PG&E will update its billing system annually to reflect newly exempt or newly excluded customers to conform with lists of Directly Billed Customers provided annually by the ARB.

(Continued)



**GAS SCHEDULE G-NT**  
**GAS TRANSPORTATION SERVICE TO NONCORE END-USE CUSTOMERS**

Sheet 2

RATES:  
(Cont'd.)

2. Transportation Charge:

A customer will pay one of the following rates for gas delivered in the current billing month.

a. Backbone Level Rate:

The Backbone Level Rate applies to Backbone Level End-Use Customers as defined in Rule 1.

Backbone Level Rate (per therm): \$0.06694 (R)

b. Transmission-Level Rate:

The Transmission-Level Rate applies to Customers served directly from PG&E gas facilities that have a maximum operating pressure greater than sixty pounds per square inch (60 psi) that do not qualify for the Backbone Level Rate.

Transmission-Level Rate (per therm): \$0.16626 (I)

c. Distribution-Level Rate:

The Distribution-Level Rate applies to Customers served from PG&E gas facilities that have a maximum operating pressure of sixty pounds per square inch (60 psi) or less. The Tier 5 rate is equal to the Transmission-Level Rate specified above.

Average Monthly Use (Therms)	Summer (Per Therm)	Winter (Per Therm)
Tier 1: 0 to 20,833	\$0.38426 (I)	\$0.46611 (I)
Tier 2: 20,834 to 49,999	\$0.29949 (I)	\$0.35167 (I)
Tier 3: 50,000 to 166,666	\$0.28217 (I)	\$0.32829 (I)
Tier 4: 166,667 to 249,999	\$0.26863 (I)	\$0.31001 (I)
Tier 5: 250,000 and above*	\$0.16626 (I)	\$0.16626 (I)

3. Cap-and-Trade Cost Exemption: \$0.04781

The Cap-and-Trade Cost Exemption is applicable to customers who are identified by the California Air Resources Board (CARB) as being Covered Entities for their Greenhouse Gas (GHG) emissions as part of the Cap-and-Trade program. Applicable Cap-and-Trade Cost Exemptions may be provided from the date CARB identifies a customer as being a Covered Entity, or provided based upon documentation satisfactory to the Utility for the time period for which the customer was a Covered Entity, whichever is earlier.

See Preliminary Statement Part B for Default Tariff Rate Components.

\* Tier 5 Summer and Winter rates are the same.

Note: Customers who are directly billed by Air Resources Board (ARB) for ARB AB32 Administration Fees are exempt from PG&E's ARB AB32 Cost of Implementation (COI) rate component. Customers on the Directly Billed list, as provided annually by the ARB, may change from year to year. The exemption credit will be equal to PG&E's currently-effective ARB AB32 COI per-therm rate component (as shown in PG&E's Preliminary Statement, Part B – "Default Tariff Rate Components"), times the customer's billed volumes (therms) for each billing period.

(Continued)





**GAS SCHEDULE G-SFT**  
**SEASONAL FIRM TRANSPORTATION ON-SYSTEM ONLY**

Sheet 2

RATES: Customer has the option to elect either the Modified Fixed Variable (MFV) or the Straight Fixed Variable (SFV) rate structure, which will then be specified in the Customer's GTSA.

1. Reservation Charge:

The Reservation Charge shall be the applicable reservation rate multiplied by the Maximum Daily Quantity (MDQ) for the contracted path as specified in the Exhibit to the Customer's GTSA. The Reservation Charge is payable each month regardless of the quantity of gas transported during the month.

<u>Path:</u>	Reservation Rate (Per Dth per month)	
	MFV Rates	SFV Rates
Redwood to On-System	\$13.0310 (l)	\$17.8150 (l)
Baja to On-System	\$15.6879 (l)	\$21.4472 (l)
Baja to On-System (Core Procurement Groups only)	\$15.1131 (l)	\$20.1074 (l)
Silverado to On-System	\$8.9405 (l)	\$12.2602 (l)
Mission to On-System	\$8.9405 (l)	\$12.2602 (l)

2. Usage Charge:

The Usage Charge shall be equal to the applicable usage rate for the contracted path, multiplied by the quantity of gas delivered on the Customer's behalf.

<u>Path:</u>	Usage Rate (Per Dth)	
	MFV Rates	SFV Rates
Redwood to On-System	\$0.1601 (l)	\$0.0029 (l)
Baja to On-System	\$0.1928 (l)	\$0.0034 (l)
Baja to On-System (Core Procurement Groups only)	\$0.1677 (l)	\$0.0035 (l)
Silverado to On-System	\$0.1112 (l)	\$0.0021 (l)
Mission to On-System	\$0.1112 (l)	\$0.0021 (l)

3. Additional Charges:

The Customer shall be responsible for payment of any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from Backbone or interstate sources.

(Continued)



**GAS SCHEDULE G-WSL** Sheet 1  
**GAS TRANSPORTATION SERVICE TO WHOLESALE/RESALE CUSTOMERS**

**APPLICABILITY:** This rate schedule<sup>1</sup> applies to the transportation of natural gas for resale. Service under this schedule is available to the Customers listed below, and any new wholesale Customer. Customers must procure gas supply from a supplier other than PG&E.

Per D.15-10-032 and D.18-03-017, transportation rates include GHG Compliance Cost for non-covered entities. Customers who are directly billed by the Air Resources Board (ARB), i.e., covered entities, are exempt from paying AB 32 GHG Compliance Costs through PG&E's rates.<sup>2</sup> A "Cap-and-Trade Cost Exemption" credit for these costs will be shown as a line item on exempt customers' bills.<sup>3, 4</sup>

**LOAD FORECAST:** For planning purposes, Customers may provide PG&E an annual forecast of the core and noncore portion of its load. If the Customer elects not to provide an annual forecast, PG&E will use the forecast adopted in the most recent Cost Allocation Proceeding.

**RATES:** Customers pay a Customer Access Charge and a Transportation Charge.

1. Customer Access Charge:

	Per Day	
Palo Alto	\$75.82159	(R)
Coalinga	\$22.74016	(R)
West Coast Gas-Mather	\$12.07200	(R)
Island Energy	\$15.40767	(R)
Alpine Natural Gas	\$5.14159	(R)
West Coast Gas-Castle	\$13.20953	(R)

2. Transportation Charges:

For gas delivered in the current billing month:

	Per Therm	
Palo Alto-T	\$0.14917	(I)
Coalinga-T	\$0.14917	(I)
West Coast Gas-Mather-T	\$0.14917	(I)
West Coast-Mather-D	\$0.41528	(I)
Island Energy-T	\$0.14917	(I)
Alpine Natural Gas-T	\$0.14917	(I)
West Coast Gas-Castle-D	\$0.35012	(I)

<sup>1</sup> PG&E's gas tariffs are available online at [www.pge.com](http://www.pge.com).  
<sup>2</sup> Covered entities are not exempt from paying costs associated with LUAF Gas and Gas used by Company Facilities.  
<sup>3</sup> The exemption credit will be equal to the effective non-exempt AB 32 GHG Compliance Cost Rate (\$ per therm) included in Preliminary Statement – Part B, multiplied by the customer's billed volumes (therms) for each billing period.  
<sup>4</sup> PG&E will update its billing system annually to reflect newly exempt or newly excluded customers to conform with lists of Directly Billed Customers provided annually by the ARB.

(Continued)



**GAS SCHEDULE G-WSL** Sheet 2  
GAS TRANSPORTATION SERVICE TO WHOLESALE/RESALE CUSTOMERS

RATES:  
(Cont'd.)

3. Cap-and-Trade Cost Exemption: \$0.04781 per therm

The Cap-and-Trade Cost Exemption is applicable to customers who are identified by the California Air Resources Board (CARB) as being Covered Entities for their Greenhouse Gas (GHG) emissions as part of the Cap-and-Trade program. Applicable Cap-and-Trade Cost Exemptions may be provided from the date CARB identifies a customer as being a Covered Entity, or provided based upon documentation satisfactory to the Utility for the time period for which the customer was a Covered Entity, whichever is earlier.

See Preliminary Statement, Part B for the default tariff rate components applicable to this schedule.

Customers will be responsible for any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from Backbone or interstate sources.

The existing Wholesale Customers listed below will have a one-time option prior to April 1, 2020, to subscribe, on behalf of their core Customers, for firm capacity on the Redwood to on-system and Baja to on-system paths as specified below. Capacity will be offered only for the core portion of the Customer's load.

(T)  
(T)

Customer	Redwood Annual (MDth)	(T)	Redwood Seasonal Nov-Jan (MDth)	(N)	Redwood Seasonal Nov-Mar (MDth)	(N)	Baja – Seasonal (MDth)	
Alpine	0.098		0.040	I	0.016	I	0.480	(I)
Coalinga	0.552		0.228	I	0.091	I	0.271	(I)
Island Energy	0.064		0.026	I	0.011	I	0.032	(I)
Palo Alto	5.898		2.437	I	0.975	I	2.906	(I)
West Coast Gas (Castle)	0.051		0.021	I	0.008	I	0.025	(I)
West Coast Gas (Mather)	0.171		0.071	(N)	0.028	(N)	0.084	(I)

This Backbone capacity will be offered to the G-WSL Customers specified above at the rates specified for Core Procurement Groups in Schedule G-AFT and/or G-SFT for Baja Seasonal. G-WSL Customers must execute a Gas Transmission Service Agreement (GTSA) (Form No. 79-866) and associated exhibits in order to exercise a preferential right to this intrastate capacity. In addition, G-WSL Customers, at their option, may execute a GTSA and associated exhibits for additional Backbone transmission pipeline capacity that will not be offered at the rates specified for Core Procurement Groups in Schedule G-AFT and/or G-SFT for Baja Seasonal.

(Continued)





**GAS SCHEDULE G-XF**

Sheet 2

**PIPELINE EXPANSION FIRM INTRASTATE TRANSPORTATION SERVICE**

RATES:  
(Cont'd.)

2. Usage Charge:

In addition to the Reservation Charge described above, Customer shall pay a usage charge for each decatherm equal to the applicable usage rate times the quantity of gas received on the Customer's behalf, less the applicable shrinkage allowance in the current month.

<u>Usage Rates:</u>	<u>Per Dth</u>
SFV Rates:	\$0.0002 (I)

CREDIT-WORTHINESS:

The Customer must meet the creditworthiness requirements set forth in Rule 25.

SERVICE AGREEMENT:

Customer must have executed a Pipeline Expansion Firm Transportation Service Agreement (Form No. 79-791) prior to the implementation date of the Gas Accord Settlement on March 1, 1998, in order to qualify for service under this schedule.

NOMINATIONS:

Nominations are required for gas supplies delivered under this rate schedule. See Rule 21 for details.

CURTAILMENT OF SERVICE:

Service under this schedule may be curtailed. See Rule 14 for details.

TEMPORARY ASSIGNMENT OF CAPACITY RIGHTS:

Customer may assign all or a portion of its long-term firm capacity on the Pipeline Expansion to another party, subject to the creditworthiness requirements set forth in Rule 25. In order to assign capacity, Customer must provide PG&E written notice, using the Assignment of Gas Transmission Services (Form No. 79-867).

RECEIPT POINTS:

PG&E will accept gas on Customer's behalf only at the Receipt Point(s) specified in Exhibit A to the FTSA. On any given day, the total amount of gas nominated for firm transportation service at all Receipt Points may not exceed Customer's MDQ, as specified in the FTSA.

DELIVERY POINTS:

Customer may nominate only to the Delivery Point set forth in Exhibit A to the Customer's FTSA. Customer is responsible for separately arranging for transportation of its gas between the Delivery Point and the ultimate end-use destination(s).

SHRINKAGE:

Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.

BALANCING:

Service hereunder shall be subject to all applicable terms, conditions and obligations of Schedule G-BAL.



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Advice 4149-G  
Decision 19-09-025

Issued by  
**Robert S. Kenney**  
Vice President, Regulatory Affairs

Submitted September 24, 2019  
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Resolution \_\_\_\_\_



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Advice 4149-G  
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Issued by  
**Robert S. Kenney**  
Vice President, Regulatory Affairs

Submitted  
Effective  
Resolution

September 24, 2019  
October 1, 2019

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

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	
	Energy Management Service	
Alta Power Group, LLC	Engineers and Scientists of California	Redwood Coast Energy Authority
Anderson & Poole	Evaluation + Strategy for Social Innovation	Regulatory & Cogeneration Service, Inc.
	GenOn Energy, Inc.	SCD Energy Solutions
Atlas ReFuel	Goodin, MacBride, Squeri, Schlotz & Ritchie	
BART	Green Charge Networks	SCE
	Green Power Institute	SDG&E and SoCalGas
Barkovich & Yap, Inc.	Hanna & Morton	
P.C. CalCom Solar	ICF	SPURR
California Cotton Ginners & Growers Assn	International Power Technology	San Francisco Water Power and Sewer
California Energy Commission	Intestate Gas Services, Inc.	Seattle City Light
California Public Utilities Commission	Kelly Group	Sempra Utilities
California State Association of Counties	Ken Bohn Consulting	Southern California Edison Company
Calpine	Keyes & Fox LLP	Southern California Gas Company
	Leviton Manufacturing Co., Inc. Linde	Spark Energy
Cameron-Daniel, P.C.	Los Angeles County Integrated Waste Management Task Force	Sun Light & Power
Casner, Steve	Los Angeles Dept of Water & Power	Sunshine Design
Cenergy Power	MRW & Associates	Tecogen, Inc.
Center for Biological Diversity	Manatt Phelps Phillips	TerraVerde Renewable Partners
City of Palo Alto	Marin Energy Authority	Tiger Natural Gas, Inc.
	McKenzie & Associates	
City of San Jose	Modesto Irrigation District	TransCanada
Clean Power Research	Morgan Stanley	Troutman Sanders LLP
Coast Economic Consulting	NLine Energy, Inc.	Utility Cost Management
Commercial Energy	NRG Solar	Utility Power Solutions
County of Tehama - Department of Public Works		Utility Specialists
Crossborder Energy	Office of Ratepayer Advocates	
Crown Road Energy, LLC	OnGrid Solar	Verizon
Davis Wright Tremaine LLP	Pacific Gas and Electric Company	Water and Energy Consulting Wellhead Electric Company
Day Carter Murphy	Peninsula Clean Energy	Western Manufactured Housing Communities Association (WMA)
		Yep Energy
Dept of General Services		
Don Pickett & Associates, Inc.		
Douglass & Liddell		