

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



February 6, 2020

**Advice Letter 4197-G &  
Supplemental 4197-G-A**

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: Implementation of the 2018 Gas Cost Allocation Proceeding to Update  
Residential and Non-Residential rates Resulting from Ordering  
Paragraph 11 in D.19-10-036**

Dear Mr. Jacobson:

Advice Letter 4197-G & Supplemental 4197-G-A are effective as of March 1, 2020.

Sincerely,

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

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

January 14, 2020

**Advice 4197-G-A**

(Pacific Gas and Electric Company ID U 39 G)

Public Utilities Commission of the State of California

**Subject: Supplemental: Implementation of the 2018 Gas Cost Allocation Proceeding to Update Residential and Non-Residential rates Resulting from Ordering Paragraph 11 in D.19-10-036**

This supplemental advice letter is to correct the allocation of the Self Generation Incentive Program (SGIP) cost across customer classes that was submitted in Advice 4197-G. This supplemental advice letter supersedes original Advice 4197-G in part. While Attachments 1, 1A, 3, 4, 5, 6, 8, 9, 10, 11, are being replaced, Attachments 2, 7, 12 and 13 contained in original Advice 4197-G remain unchanged as does the advice letter except for the values in the two sections provided below. An additional Attachment 3A is provided to illustrate the average rate changes by customer class in Advice 4197-G-A compared to Advice 4197-G as all other comparisons are to adopted allocations and rates effective January 1, 2020.

**Purpose**

This advice letter supplements previously submitted Advice 4197-G, which implements revisions to PG&E's gas tariffs in compliance with Decision (D.) 19-10-036 dated October 24, 2019, for rates effective no later than the 2<sup>nd</sup> month following the approval of this advice letter, in PG&E's 2018 Gas Cost Allocation Proceeding (GCAP) Application (A.) 17-09-006.<sup>1</sup> Tables supporting the GCAP rate and revenue changes are shown in Attachments 1 through 13.<sup>2</sup>

**Background**

On December 23, 2019 PG&E submitted Advice 4197-G to incorporate revisions ordered in D.19-10-036. This Supplemental Advice Letter is submitted to correctly incorporate into the allocation of the Self Generation Incentive Program (SGIP) cost across customer classes the factors as originally provided in Table 2 of Advice 4197-G. The SGIP allocation

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<sup>1</sup> Pursuant to D.19-10-036 Ordering Paragraphs (OP) 11.

<sup>2</sup> Parties having signed the 2018 GCAP non-disclosure agreement may request electronic workpapers.

factors inadvertently used to calculate the Attachments provided in Advice 4197-G were the factors that would have been implemented had PG&E's 2018 GCAP been implemented in 2019. The impacts of the correction are an increase in allocation of SGIP to core classes of \$1.8 million, a commensurate decrease to noncore classes of \$1.8 million compared to the changes provided in Advice 4197-G, and a reduction of 0.00024 in the residential transportation tier ratio value effective for the remainder of 2020 that achieves the adopted illustrative annual 1.35 bundled tier ratio.

### **Corrected Sections of Advice Letter 4197-G (corrected values highlighted)**

#### **Background** (p.1-2)

The purposes of the GCAP are to allocate authorized transportation costs (excluding those authorized in the Gas Transmission & Storage Rate Case (GTS)) among core and noncore customers, adopt gas demand forecasts to allocate procurement costs via monthly pricing as well as public purpose program surcharge revenues in the annual Public Purpose Program Surcharge Submittal,<sup>3</sup> and propose changes in rate design methodology. The methodologies adopted in the GCAP recover PG&E's gas revenue requirement by using the adopted 2019 GTS throughput and customer forecasts as authorized in D.19-09-025. The net impact is an increase in allocation of transportation revenue requirement of approximately \$3.9 million to core<sup>4</sup> with a net decrease of \$1.8 million to noncore, both compared to the allocations of the 2020 Annual Gas True-up (AGT) submitted concurrently in Advice Letter 4200-G. On a revenue at present rates basis, the impact of the allocations and adopted throughput forecast increases noncore transportation revenues by approximately \$6 million and core transportation revenues by \$242 million compared to the 2020 AGT rates submitted in Advice Letter 4200-G on December 23, 2019. However, as further discussed below, there are significant future offsets (decreases) to core transportation rates of approximately 3% to 6% as the structural shortfall in the Core Fixed Cost Account (CFCA)-Subaccount related to an outdated adopted throughput forecast is mostly eliminated by the time of the 2021 AGT and then fully by the 2022 AGT.

#### **Residential Rate Design (p.5)**

Adopts the reduction in residential Tier 1 and Tier 2 bundled rate differential to 1.2 over four years.<sup>5</sup> The initial reduction reduces the effective residential bundled tiered rate ratio to 1.35, based on the illustrative annual residential procurement rate of

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<sup>3</sup> The adopted throughput forecast and updated allocation percentages were incorporated in calculating the G-PPPS rates submitted with the Tier 2 2020 Public Purpose Program Surcharge Advice Letter 4174-G on October 31, 2019 with an effective date of January 1, 2020 (approved December 17, 2019).

<sup>4</sup> Core procurement revenues also decrease by approximately \$1.3 million due to fewer adopted core bundled volumes paying the core brokerage fee rate.

<sup>5</sup> Pursuant to D.19-10-036 OP 4.

\$0.34675 per therm given the impacts of incorporating the adopted 2019 GT&S throughput for purposes of the 2018 GCAP, including monthly pricing. The Tier 2/Tier 1 transportation rate ratio that achieves this 1.35 illustrative annual bundled rate ratio is 1.44771. Therefore, for the remainder of 2020 the transportation tiering rate ratio of 1.44771 will remain in effect in order to avoid changing residential transportation rates on a monthly basis when monthly pricing changes the residential procurement rate. The next update of this ratio will be with PG&E's 2021 AGT submitted in December 2020 with a reduction of the target bundled tier ratio from 1.35 to 1.3. The 2021 update will occur if the GCAP is implemented no later than April 1, 2020, to allow at least eight months between phased-in changes in the residential tier ratio.<sup>6</sup>

### **Protests**

Pursuant to CPUC General Order 96-B, Section 7.5.1, PG&E hereby requests the protest period be waived.

### **Effective Date**

PG&E requests that this Tier 2 advice submittal become effective concurrent with original Advice Letter 4197-G, which is March 1, 2020. In order to timely implement these changes, PG&E requests a disposition letter no later than February 14, 2020.

### **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.17-09-006. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process\_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

\_\_\_\_\_  
/S/

Erik Jacobson  
Director, Regulatory Relations

Attachments

\_\_\_\_\_  
<sup>6</sup> If the 2018 GCAP is implemented after April 1, 2020, PG&E will implement the subsequent phase-in of tier reduction with the next transportation rate change that occurs at least 8 months after the GCAP implementation.

cc: Service List A.17-09-006



# 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) #: 4197-G-A

Tier Designation: 2

Subject of AL: Supplemental:: Implementation of the 2018 Gas Cost Allocation Proceeding to Update Residential and Non-Residential rates Resulting from Ordering Paragraph 11 in D.19-10-036

Keywords (choose from CPUC listing): Compliance,

AL Type:  Monthly  Quarterly  Annual  One-Time  Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #: D.19-10-036

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: 3/1/20

No. of tariff sheets: N/A

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

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

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

Tariff schedules affected: N/A

Service affected and changes 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:

**RATES WITH 2020 AGT REVENUE REQUIREMENT ALLOCATED PER 2018 GCAP DECISION (D.19-10-036)**

3/1/2020

**LIST OF RATE TABLE ATTACHMENTS FOR SUPPLEMENTAL AL 4197-G-A**

(TABLES WITH STRIKETHROUGH NOT INCLUDED IN SUPPLEMENTAL)

PG&E Reference	Table Description
Attachment 1	2020 ANNUAL END-USE TRANSPORTATION, GAS TRANSMISSION AND STORAGE REVENUE REQUIREMENTS, AND PUBLIC PURPOSE PROGRAMS AUTHORIZED FUNDING
Attachment 1A	2020 ANNUAL END-USE TRANSPORTATION, GAS TRANSMISSION AND STORAGE REVENUE REQUIREMENTS, AND PUBLIC PURPOSE PROGRAMS AUTHORIZED FUNDING ALLOCATION TO CORE/NONCORE/UNBUNDLED
Attachment 2	<del>BALANCING ACCOUNT FORECAST SUMMARY</del>
Attachment 3	ILLUSTRATIVE CLASS AVERAGE RATES (\$/TH)
Attachment 3A	IMPACT OF CORRECTION OF SGIP ALLOCATION ON GCAP IMPLEMENTATION RATES FILED DECEMBER 23, 2019
Attachment 4	AVERAGE END-USER GAS TRANSPORTATION RATES AND PUBLIC PURPOSE PROGRAM SURCHARGES
Attachment 5	ALLOCATION OF GAS END-USE TRANSPORTATION AND ILLUSTRATIVE PROCUREMENT REVENUE REQUIREMENTS AND PPP SURCHARGE REVENUES ACROSS CLASSES
Attachment 6	CHANGES IN ALLOCATION OF REVENUE REQUIREMENT FROM 01/1/2020 AGT RESULTING FROM APPLICATION OF ADOPTED GCAP METHODOLOGIES
Attachment 7	<del>G-NGV2 PRESENT AND PROPOSED RATES BY DETAILED COMPONENT (\$/TH)</del>
Attachment 8	G1-NGV RATES (\$/TH)
Attachment 9	AVERAGE END-USER GAS TRANSPORTATION RATES AND PPP SURCHARGES
Attachment 10	CHANGE FROM JANUARY 1, 2020 RATES
Attachment 11	ILLUSTRATIVE AVERAGE NON-CARE RESIDENTIAL AND NON-CARE SMALL COMMERCIAL BILL IMPACTS
Attachment 12	<del>MARGINAL COST REVENUES</del>
Attachment 13	<del>SCALED AND CAPPED GAS BASE DISTRIBUTION REVENUE ALLOCATIONS</del>

## ATTACHMENT 1

PACIFIC GAS AND ELECTRIC COMPANY  
MARCH 1, 2020 RATE CHANGE2020 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 1/1/20	B Proposed as of 3/1/2020	C Total Change	D Core	E Noncore / Unbundled	Line No.
	<b>END-USE GAS TRANSPORTATION</b>						
1	Gas Transportation Balancing Accounts	335,282	335,282	-	(50)	51	1
2	GRC Distribution Base Revenues (includes distribution portion of Cost of Capital)	1,937,828	1,937,828	-	(1,912)	1,912	2
3	Pension - Distribution	47,699	47,699	-	(47)	47	3
4	Pension - Gas Transmission & Storage	18,013	18,013	-	-	-	4
5	Self Generation Incentive Program Revenue Requirement	12,989	12,990	1	7,237	(7,237)	5
6	CPUC Fee	11,661	12,453	792	(487)	1,280	6
7	Core Brokerage Fee Credit	(6,583)	(5,332)	1,251	1,251	-	7
8	Greenhouse Compliance Operational Cost (excluding RF&U)	15,856	15,856	-	211	(211)	8
9	Greenhouse Compliance Cost (excluding RF&U)	172,852	172,852	-	(2,381)	2,381	9
10	Greenhouse Compliance Revenue Return (excluding RF&U)	(159,288)	(159,288)	-	-	-	10
	Less CARE discount recovered in PPP surcharge from non-CARE customers	(129,374)	(129,374)	-	-	-	
11							11
12	RF&U	6,760	6,771	11	59	(49)	12
13	Total Transportation RRQ with Adjustments and Credits	2,263,695	2,265,750	2,055	3,881	(1,826)	13
14							14
15	Procurement-Related G-10 Total	(659)	(639)	20	20	-	15
16	Procurement-Related G-10 Total Allocated	659	639	(20)	0	(21)	16
17	Total Transportation Revenue Requirements Reallocated	2,263,695	2,265,750	2,055	3,901	(1,847)	17
	Gas Transmission & Storage (GT&S) Transportation Revenue Requirements (RRQ)						
18	Local Transmission	856,625	856,625	-	-	-	18
19	Customer Access	2,404	2,404	-	-	-	19
20	Total GT&S Transportation RRQ	859,029	859,029	-	-	-	20
21	2019 GT&S Late Implementation <sup>1</sup>						21
22	Local Transmission	4,168	4,168	-	-	-	22
23	Backbone	6,595	6,595	-	-	-	23
24	Storage	43,007	43,007	-	-	-	24
25	Total 2015 GT&S Late Implementation	53,770	53,770	-	-	-	25
26	<b>Total End-Use Gas Transportation RRQ</b>	<b>3,176,494</b>	<b>3,178,549</b>	<b>2,056</b>	<b>3,901</b>	<b>(1,847)</b>	26
	<b>PUBLIC PURPOSE PROGRAMS (PPP) FUNDING</b>						
27	Energy Efficiency	84,513	84,513	-	-	-	27
28	Energy Savings Assistance	49,359	49,359	-	-	-	28
29	Research and Development and BOE/CPUC Admin Fees	10,295	10,295	-	-	-	29
30	CARE Administrative Expense	3,772	3,772	-	-	-	30
31	Statewide Marketing, Education & Outreach	1,139	1,139	-	-	-	31
32	Total Authorized PPP Funding	149,078	149,078	-	-	-	32
33	PPP Surcharge Balancing Accounts	(95,961)	(95,961)	-	-	-	33
34	CARE discount recovered from non-CARE customers	129,374	129,374	-	-	-	34
35	<b>Total PPP Required Funding</b>	<b>182,491</b>	<b>182,491</b>	<b>-</b>	<b>-</b>	<b>-</b>	35
	<b>GT&amp;S UNBUNDLED COSTS</b>						
36	Backbone Transmission	304,264	304,264	-	-	-	36
37	Storage	4,573	4,573	-	-	-	37
38	<b>Total GT&amp;S Unbundled</b>	<b>308,837</b>	<b>308,837</b>	<b>-</b>	<b>-</b>	<b>-</b>	38
39	<b>TOTAL REVENUE REQUIREMENTS</b>	<b>3,667,822</b>	<b>3,669,877</b>	<b>2,056</b>	<b>3,901</b>	<b>(1,847)</b>	39
40	DECEMBER 23 GCAP AL 4197-G	3,667,822	3,669,877	2,056	2,085	(31)	
41	CHANGE	-	-	-	1,816	(1,816)	

**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.

## ATTACHMENT 1A

**PACIFIC GAS AND ELECTRIC COMPANY  
MARCH 1, 2020 RATE CHANGE**

**2020 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 3/1/2020	Core	Noncore / Unbundled	Line No.
<b>END-USE GAS TRANSPORTATION</b>					
1	Gas Transportation Balancing Accounts	335,282	355,179	(19,897)	1
2	GRC Distribution Base Revenues	1,937,828	1,868,453	69,375	2
3	Pension - Distribution	47,699	45,991	1,708	3
4	Pension - Gas Transmission & Storage	18,013	10,533	7,480	4
5	Self Generation Incentive Program Revenue Requirement	12,990	12,386	603	5
6	CPUC Fee	12,453	6,668	5,786	6
7	Core Brokerage Fee Credit	(5,332)	(5,332)	-	7
8	Greenhouse Compliance Operational Cost (excluding FF&U)	15,856	6,464	9,392	8
9	Greenhouse Compliance Cost (excluding FF&U)	172,852	137,118	35,734	9
10	Greenhouse Compliance Revenue Return (excluding FF&U)	(159,288)	(159,288)	-	10
	Less CARE discount recovered in PPP surcharge from non-CARE customers	(129,374)	(129,374)	-	
11	FF&U	6,771	6,549	222	11
12	Total Transportation RRQ with Adjustments and Credits	2,265,750	2,155,348	110,403	13
14	Procurement-Related G-10 Total	(639)	(639)	-	14
15	Procurement-Related G-10 Total Allocated	639	260	378	15
16	Total Transportation Revenue Requirements Reallocated	2,265,750	2,154,969	110,781	16
Gas Transmission & Storage (GT&S) Transportation Revenue Requirements (RRQ)					
17	Local Transmission	856,625	588,905	267,720	17
18	Customer Access	2,404	-	2,404	18
19	Total GT&S Transportation RRQ	859,029	588,905	270,125	19
20	2015 GT&S Late Implementation				20
21	Local Transmission	4,168	8,788	(4,620)	21
22	Backbone	6,595	13,487	(6,892)	22
23	Storage	43,007	41,387	1,620	23
24	Total 2015 GT&S Late Implementation	53,770	63,662	(9,892)	24
25	<b>Total End-Use Gas Transportation RRQ</b>	<b>3,178,549</b>	<b>2,807,536</b>	<b>371,014</b>	25
<b>PUBLIC PURPOSE PROGRAMS (PPP) FUNDING</b>					
26	Energy Efficiency	84,513	58,010	26,503	26
27	Energy Savings Assistance	49,359	49,359	-	27
28	Research and Development and BOE/CPUC Admin Fees	10,295	6,010	4,285	28
29	CARE Administrative Expense	3,772	2,062	1,710	29
30	Statewide Marketing, Education & Outreach	1,139	782	357	30
31	Total Authorized PPP Funding	149,078	116,222	32,856	31
32	PPP Surcharge Balancing Accounts	(95,961)	(81,237)	(14,724)	32
33	CARE discount recovered from non-CARE customers	129,374	70,720	58,655	33
34	<b>Total PPP Required Funding</b>	<b>182,491</b>	<b>105,705</b>	<b>76,786</b>	34
<b>GT&amp;S UNBUNDLED COSTS</b>					
35	Backbone Transmission	304,264	-	304,264	35
36	Storage	4,573	-	4,573	36
37	<b>Total GT&amp;S Unbundled</b>	<b>308,837</b>	<b>-</b>	<b>308,837</b>	37
40	<b>TOTAL REVENUE REQUIREMENTS</b>	<b>3,669,877</b>	<b>2,913,241</b>	<b>756,637</b>	40
41	DECEMBER 23 GCAP AL 4197-G	<b>3,669,877</b>	<b>2,911,425</b>	<b>758,453</b>	
42	CHANGE	-	1,816	(1,816)	

**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

3/1/2020

## Illustrative Class Average Rates (\$/th)

Line No.	Customer Class	Present	First Year Impacts			Illustrative Second Year Impact			
		Includes 1/2020 Implementation of GCAP G-PPPS	Implementation of GCAP Transportation and Procurement Ratemaking			Stand-alone impact of Structural Core Undercollection 70% Eliminated (1)			
		January 1, 2020	Final Dec Fil	March 1, 2020	\$ Change	% Change	January 1, 2021	\$ Change	% Change
1	<b>BUNDLED—RETAIL CORE*</b>								
2	Residential Non-CARE**	\$1.590		\$1.696	\$0.106	6.7%	\$1.621	(\$0.076)	-4.5%
3	Small Commercial Non-CARE**	\$1.150		\$1.230	\$0.080	6.9%	\$1.188	(\$0.041)	-3.4%
4	Large Commercial**	\$0.804		\$0.847	\$0.043	5.4%	\$0.829	(\$0.017)	-2.1%
5	Uncompressed Core NGV	\$0.691		\$0.826	\$0.135	19.5%	\$0.809	(\$0.018)	-2.2%
6	Compressed Core NGV	\$2.225		\$2.519	\$0.294	13.2%	\$2.378	(\$0.141)	-5.6%
7	<b>TRANSPORT ONLY—RETAIL CORE</b>								
8	Residential Non-CARE**	\$1.271		\$1.350	\$0.079	6.2%	\$1.274	(\$0.076)	-5.6%
9	Small Commercial Non-CARE**	\$0.848		\$0.903	\$0.056	6.6%	\$0.862	(\$0.041)	-4.6%
10	Large Commercial**	\$0.530		\$0.557	\$0.027	5.1%	\$0.540	(\$0.017)	-3.1%
11	Uncompressed Core NGV	\$0.420		\$0.541	\$0.121	28.8%	\$0.523	(\$0.018)	-3.3%
12	Compressed Core NGV	\$1.954		\$2.233	\$0.279	14.3%	\$2.092	(\$0.141)	-6.3%
13	<b>TRANSPORT ONLY—RETAIL NONCORE</b>								
14	Industrial – Distribution	\$0.359		\$0.396	\$0.037	10.3%	\$0.394	(\$0.002)	-0.6%
15	Industrial – Transmission	\$0.202		\$0.200	(\$0.001)	-0.6%	\$0.198	(\$0.002)	-1.2%
16	Industrial – Backbone	\$0.092		\$0.093	\$0.001	0.8%	\$0.091	(\$0.002)	-2.5%
17	Uncompressed Noncore NGV – Distribution	\$0.329		\$0.366	\$0.037	11.3%	\$0.364	(\$0.002)	-0.6%
18	Uncompressed Noncore NGV – Transmission	\$0.184		\$0.185	\$0.001	0.3%	\$0.182	(\$0.002)	-1.3%
19	Electric Generation – Distribution/Transmission	\$0.154		\$0.153	(\$0.001)	-0.5%	\$0.153	\$0.000	0.0%
20	Electric Generation – Backbone	\$0.053		\$0.052	(\$0.001)	-1.8%	\$0.052	\$0.000	0.0%
21	<b>TRANSPORT ONLY—WHOLESALE</b>								
22	Alpine Natural Gas (T)	\$0.101		\$0.101	(\$0.000)	-0.5%	\$0.101	\$0.000	0.0%
23	Coalinga (T)	\$0.102		\$0.101	(\$0.000)	-0.5%	\$0.101	\$0.000	0.0%
24	Island Energy (T)	\$0.111		\$0.110	(\$0.000)	-0.4%	\$0.110	\$0.000	0.0%
25	Palo Alto (T)	\$0.099		\$0.098	(\$0.000)	-0.5%	\$0.098	\$0.000	0.0%
26	West Coast Gas – Castle (D)	\$0.282		\$0.319	\$0.037	13.0%	\$0.319	\$0.000	0.0%
27	West Coast Gas – Mather (D)	\$0.337		\$0.470	\$0.134	39.7%	\$0.470	\$0.000	0.0%
28	West Coast Gas – Mather (T)	\$0.103		\$0.102	(\$0.000)	-0.5%	\$0.102	\$0.000	0.0%

(1) The chronic undercollections in core balancing accounts related to the outdated throughput forecast will end after the GCAP rates are in effect for one year. With a March 1, 2020 implementation, PG&E illustratively estimates that 70% of the \$250 million annual structural core undercollection will be eliminated in the 2021 AGT, including a secondary reduction in CARE program shortfalls. Other contributors to undercollected balancing accounts include late implementation of cases like GRC or warmer than normal weather. The total CFCA-Distribution undercollection in the 2020 AGT is \$293.9 million.

\* Illustrative Bundled Rates incorporate an illustrative procurement revenue requirement as filed in PG&E's 2020 AGT (AL 4200-G).

\*\* CARE customers receive a 20 % discount on transportation and procurement and are exempt from CARE and CSI Solar Water Heater rate components.

3/2020 GCAP impact on monthly average non-CARE residential gas bill using 32 therms is \$3.40. 1/1/2021 forecast impact on monthly average non-CARE residential gas bill is \$-2.42(reduction).

3/2020 GCAP impact on monthly average small commercial gas bill using 281 therms is \$22.35. 1/1/2021 forecast impact on monthly average small commercial gas bill is \$-11.64 (reduction).

## Attachment 3A

3/1/2020

Impact of Correction of SGIP Allocation on GCAP Implementation Rates Filed December 23, 2019  
(\$ per therm)

Line No.	Customer Class	First Year GCAP Impacts	First Year GCAP Impacts		
		Implementation of 2018 GCAP As Filed December 23, 2019	Implementation of 2018 GCAP Corrected in Supplemental		
		March 1, 2020	March 1, 2020	\$ Change from Correction	% Change from Correction
1	<b>BUNDLED—RETAIL CORE*</b>				
2	Residential Non-CARE**	\$1.693	\$1.696	\$0.003	0.2%
3	Small Commercial Non-CARE**	\$1.233	\$1.230	(\$0.004)	-0.3%
4	Large Commercial**	\$0.867	\$0.847	(\$0.021)	-2.4%
5	Uncompressed Core NGV	\$0.826	\$0.826	\$0.000	0.0%
6	Compressed Core NGV	\$2.519	\$2.519	\$0.000	0.0%
7	<b>TRANSPORT ONLY—RETAIL CORE</b>				
8	Residential Non-CARE**	\$1.346	\$1.350	\$0.003	0.2%
9	Small Commercial Non-CARE**	\$0.907	\$0.903	(\$0.004)	-0.4%
10	Large Commercial**	\$0.578	\$0.557	(\$0.021)	-3.6%
11	Uncompressed Core NGV	\$0.541	\$0.541	\$0.000	0.0%
12	Compressed Core NGV	\$2.233	\$2.233	\$0.000	0.0%
13	<b>TRANSPORT ONLY—RETAIL NONCORE</b>				
14	Industrial – Distribution	\$0.399	\$0.396	(\$0.003)	-0.8%
15	Industrial – Transmission	\$0.201	\$0.200	(\$0.001)	-0.3%
16	Industrial – Backbone	\$0.093	\$0.093	\$0.000	0.0%
17	Uncompressed Noncore NGV – Distribution	\$0.369	\$0.366	(\$0.003)	-0.8%
18	Uncompressed Noncore NGV – Transmission	\$0.185	\$0.185	\$0.000	0.0%
19	Electric Generation – Distribution/Transmission	\$0.153	\$0.153	\$0.000	0.0%
20	Electric Generation – Backbone	\$0.052	\$0.052	\$0.000	0.0%
21	<b>TRANSPORT ONLY—WHOLESALE</b>				
22	Alpine Natural Gas (T)	\$0.101	\$0.101	\$0.000	0.0%
23	Coalinga (T)	\$0.101	\$0.101	\$0.000	0.0%
24	Island Energy (T)	\$0.110	\$0.110	\$0.000	0.0%
25	Palo Alto (T)	\$0.098	\$0.098	\$0.000	0.0%
26	West Coast Gas – Castle (D)	\$0.319	\$0.319	\$0.000	0.0%
27	West Coast Gas – Mather (D)	\$0.470	\$0.470	\$0.000	0.0%
28	West Coast Gas – Mather (T)	\$0.102	\$0.102	\$0.000	0.0%

\* Illustrative Bundled Rates incorporate an illustrative procurement revenue requirement as filed in PG&amp;E's 2020 AGT (AL 4200-G).

\*\* CARE customers receive a 20 % discount on transportation and procurement and are exempt from CARE and CSI Solar Water Heater rate components.

**ATTACHMENT 4**

3/1/2020

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

Line No.	Customer Class	January 1, 2020 Final Dec Filing			March 2020			Percentage Change from January 1, 2020 Final Dec Filing		
		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>	\$1.234	\$0.037	\$1.271	\$1.313	\$0.037	\$1.350	6.4%	0.0%	6.2%
2	Small Commercial Non-CARE <sup>(4)</sup>	\$0.789	\$0.059	\$0.848	\$0.844	\$0.059	\$0.903	7.0%	0.0%	6.6%
3	Large Commercial	\$0.481	\$0.049	\$0.530	\$0.508	\$0.049	\$0.557	5.6%	0.0%	5.1%
4	NGV1 - (uncompressed service)	\$0.392	\$0.029	\$0.420	\$0.512	\$0.029	\$0.541	30.9%	0.0%	28.8%
5	NGV2 - (compressed service)	\$1.925	\$0.029	\$1.954	\$2.205	\$0.029	\$2.233	14.5%	0.0%	14.3%
<b>RETAIL NONCORE (6)</b>										
6	Industrial - Distribution	\$0.301	\$0.059	\$0.359	\$0.338	\$0.059	\$0.396	12.3%	0%	10.3%
7	Industrial - Transmission	\$0.164	\$0.037	\$0.202	\$0.163	\$0.037	\$0.200	(0.7%)	0.0%	(0.6%)
8	Industrial - Backbone	\$0.055	\$0.037	\$0.092	\$0.056	\$0.037	\$0.093	1.3%	0.0%	0.8%
9	Electric Generation - Transmission (G-EG-D/LT)	\$0.154		\$0.154	\$0.153		\$0.153	(0.5%)		(0.5%)
10	Electric Generation - Backbone (G-EG-BB)	\$0.053		\$0.053	\$0.052		\$0.052	(1.8%)		(1.8%)
11	NGV 4 - Distribution (uncompressed service)	\$0.301	\$0.029	\$0.329	\$0.338	\$0.029	\$0.366	12.3%	0.0%	11.3%
12	NGV 4 - Transmission (uncompressed service)	\$0.155	\$0.029	\$0.184	\$0.156	\$0.029	\$0.185	0.4%	0.0%	0.3%
<b>WHOLESALE CORE AND NONCORE (G-WSL) (6)</b>										
13	Alpine Natural Gas	\$0.101		\$0.101	\$0.101		\$0.101	(0.5%)		(0.5%)
14	Coalinga	\$0.102		\$0.102	\$0.101		\$0.101	(0.5%)		(0.5%)
15	Island Energy	\$0.111		\$0.111	\$0.110		\$0.110	(0.4%)		(0.4%)
16	Palo Alto	\$0.099		\$0.099	\$0.098		\$0.098	(0.5%)		(0.5%)
17	West Coast Gas - Castle	\$0.282		\$0.282	\$0.319		\$0.319	13.0%		13.0%
18	West Coast Gas - Mather Distribution	\$0.337		\$0.337	\$0.470		\$0.470	39.7%		39.7%
19	West Coast Gas - Mather Transmission	\$0.103		\$0.103	\$0.102		\$0.102	(0.5%)		(0.5%)

- (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 \$0.00176 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 \$0.05161 and Operational Cost component of \$0.00243
- (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 \$0.05161 per therm times their monthly billed volumes.

# Attachment 5

3/1/2020

## ALLOCATION OF GAS END-USE TRANSPORTATION AND ILLUSTRATIVE PROCUREMENT REVENUE REQUIREMENTS AND PPP SURCHARGE REVENUES ACROSS CLASSES (5000)

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	EG D/T	EG BB	Noncore NGV	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
1	Customer	\$1,124,078	\$914,397	\$195,452	\$2,735	\$779	\$0	\$1,113,362	\$9,165	\$370	\$0	\$633	\$548	\$0	\$0	\$0	\$0	\$10,716
2	+ Distribution	\$830,098	\$604,806	\$151,682	\$9,079	\$5,102	\$0	\$770,668	\$44,588	\$13,470	\$0	\$521	\$451	\$0	\$243	\$156	\$0	\$59,430
3	+ G-NGV2 Compression Cost	\$5,155	\$0	\$0	\$0	\$0	\$5,155	\$5,155	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Allocation of Base Distribution Revenue and Franchise Fees	\$19,475	\$15,100	\$3,450	\$117	\$58	\$51	\$18,778	\$534	\$138	\$0	\$11	\$10	\$0	\$2	\$2	\$0	\$697
5	Allocation of Base Distribution Uncollectibles Expense	\$6,721	\$5,213	\$1,191	\$41	\$20	\$18	\$6,482	\$184	\$47	\$0	\$4	\$3	\$0	\$0	\$0	\$0	\$239
6	Final Allocation of Distribution Revenue Requirement	\$1,985,527	\$1,539,515	\$351,775	\$11,971	\$5,959	\$5,224	\$1,914,445	\$54,472	\$14,026	\$0	\$1,170	\$1,012	\$0	\$246	\$158	\$0	\$71,083
7	Distribution-Level Revenue Requirement Allocation %	100.00000%	77.5368%	17.7170%	0.6029%	0.3001%	0.2631%	96.4200%	2.7435%	0.7064%	0.0000%	0.0589%	0.0510%	0.0000%	0.0124%	0.0079%	0.0000%	3.5800%

Total Core Brokerage Fee (w/out F&U) (5,262) (5,332) 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	EG D/T	EG BB	Noncore NGV	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
8	Core Fixed Cost Acct. Bal. - Distribution Cost Subaccount	\$293,862	\$236,311	\$53,997	\$1,838	\$915	\$802	\$293,862	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Core Fixed Cost Acct. Bal. - Core Cost Subaccount - ECPT (2016 PSEP Bal)	\$3,470	\$2,338	\$1,001	\$88	\$42	\$0	\$3,470	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Mobile Home Parks Balancing Account	\$24,222	\$18,781	\$4,291	\$146	\$73	\$64	\$23,355	\$665	\$171	\$0	\$14	\$12	\$0	\$3	\$2	\$0	\$867
11	Noncore Customer Class Charge Account - ECPT	(\$22,624)	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,489)	(\$10,317)	(\$105)	(\$5,611)	(\$4,854)	(\$48)	(\$5)	(\$4)	(\$192)	(\$22,624)
12	Noncore Customer Class Charge Account - Distribution Subacct	(\$12,223)	\$0	\$0	\$0	\$0	\$0	\$0	(\$9,367)	(\$2,412)	\$0	(\$201)	(\$174)	\$0	(\$42)	(\$27)	\$0	(\$12,223)
13	Natural Gas Leak Abatement Program Balancing Account (Transportation)	(\$984)	(\$243)	(\$104)	(\$9)	(\$4)	\$0	(\$360)	(\$34)	(\$239)	(\$2)	(\$130)	(\$112)	(\$1)	(\$0)	(\$0)	(\$5)	(\$524)
14	CFCA - NGSS Enduser Dist. Sub Acct Recovery	\$25,145	\$20,221	\$4,620	\$157	\$78	\$69	\$25,145	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Gas Pipeline Expense & Capital BA (2016 is for CPUC Reimb sub)	\$2	\$1	\$0	\$0	\$0	\$0	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1
16	Hazardous Substance Balance	\$68,836	\$18,909	\$8,097	\$712	\$343	\$0	\$28,062	\$2,683	\$18,594	\$189	\$10,112	\$8,748	\$86	\$9	\$6	\$347	\$40,774
17	Non-Tariffed Products and Services	(\$325)	(\$219)	(\$94)	(\$8)	(\$4)	\$0	(\$325)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Core Brokerage Fee Credit (Gas Brokerage Costs w/o FF&U)	(\$4,430)	(\$2,985)	(\$1,278)	(\$112)	(\$54)	\$0	(\$4,430)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Core Brokerage Fee Credit (Sales/Marketing Costs w/o FF&U)	(\$832)	(\$656)	(\$174)	(\$2)	(\$1)	\$0	(\$832)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Natural Gas Leak Abatement Program Balancing Account (Distribution)	(\$1,636)	(\$1,269)	(\$290)	(\$10)	(\$5)	(\$4)	(\$1,578)	(\$45)	(\$12)	\$0	(\$1)	(\$1)	\$0	(\$0)	(\$0)	\$0	(\$59)
21	Balancing Charge Account	(\$2,029)	(\$557)	(\$239)	(\$21)	(\$10)	\$0	(\$827)	(\$79)	(\$548)	(\$6)	(\$298)	(\$258)	(\$3)	(\$0)	(\$0)	(\$10)	(\$1,202)
22	G-10 Procurement-related Employee Discount Allocated	\$639	\$175	\$75	\$7	\$3	\$0	\$260	\$25	\$173	\$2	\$94	\$81	\$1	\$0	\$0	\$3	\$378
23	Brokerage Fee Balance Account	\$964	\$650	\$278	\$24	\$12	\$0	\$964	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	Adjust. Mechanism Costs Determined Other Proceedings	(\$55,724)	(\$18,774)	(\$8,040)	(\$707)	(\$341)	\$0	(\$27,862)	(\$1,833)	(\$12,706)	(\$129)	(\$6,910)	(\$5,978)	(\$59)	(\$6)	(\$4)	(\$237)	(\$27,862)
25	G-10 Procurement-related Employee Discount Applied to Res Class	(\$639)	(\$639)	\$0	\$0	\$0	\$0	(\$639)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	New Environmental Regulations Balancing Account(Distribution)	\$19,988	\$15,498	\$3,541	\$121	\$60	\$53	\$19,272	\$548	\$141	\$0	\$12	\$10	\$0	\$2	\$2	\$0	\$716
27	New Environmental Regulations Balancing Account(Transportation)	(\$1,539)	(\$423)	(\$181)	(\$16)	(\$8)	\$0	(\$627)	(\$60)	(\$416)	(\$4)	(\$226)	(\$196)	(\$2)	(\$0)	(\$0)	(\$8)	(\$912)
28	Gas Operational Cost Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	GT&S Ex-Parte Penalty	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	GT&S Revenue Sharing Mechanism	(\$42,003)	(\$14,151)	(\$6,060)	(\$533)	(\$257)	\$0	(\$21,001)	(\$1,327)	(\$9,197)	(\$111)	(\$5,002)	(\$5,143)	(\$43)	(\$5)	(\$3)	(\$171)	(\$21,001)
31	CFCA/NCA - NGSS Enduser Sub Acct Recovery	\$5,979	\$1,643	\$703	\$62	\$30	\$0	\$2,438	\$233	\$1,615	\$16	\$878	\$760	\$7	\$1	\$1	\$30	\$3,542
32	Self Gen Incentive Program Forecast Period Cost	\$12,990	\$5,889	\$6,381	\$116	\$0	\$0	\$12,386	\$603	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$603
33	NCA - NGSS Enduser Sub Acct Recovery + NGSS Late Impl.	\$11,949	\$0	\$0	\$0	\$0	\$0	\$0	\$826	\$5,679	\$58	\$2,530	\$2,717	\$26	\$3	\$2	\$107	\$11,949
34	Engineering Critical Assessment Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	Subtotals of Items Transferred to CFCA and NCA	\$323,158	\$280,501	\$66,526	\$1,852	\$872	\$983	\$350,735	(\$8,651)	(\$9,473)	(\$92)	(\$4,738)	(\$4,387)	(\$34)	(\$41)	(\$26)	(\$136)	(\$27,577)
36	Franchise Fees and SF Gross Receipts and Uncoll. Exp. on Items Above	\$3,746	\$3,458	\$818	\$22	\$10	\$12	\$4,321	(\$130)	(\$224)	(\$2)	(\$109)	(\$105)	(\$1)	(\$0)	(\$0)	(\$3)	(\$575)
37	Subtotals with FF&U and Other Bal. Acct./Forecast Period Costs	\$326,904	\$283,959	\$67,345	\$1,874	\$883	\$995	\$355,056	(\$8,781)	(\$9,697)	(\$94)	(\$4,847)	(\$4,492)	(\$35)	(\$41)	(\$27)	(\$139)	(\$28,152)
38	Total of Items Collected via CFCA, NCA, and NDFCA	\$2,312,431	\$1,823,475	\$419,120	\$13,845	\$6,842	\$6,219	\$2,269,500	\$45,692	\$4,329	\$0	(\$3,677)	(\$3,480)	(\$35)	\$205	\$131	(\$139)	\$42,931

Line No.	CUSTOMER CLASS COSTS WITH THEIR OWN RATE COMPONENTS ALLOCATED USING GCAP THROUGHPUT	Total	Residential	Small Commercial	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	EG D/T	EG BB	Noncore NGV	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
39	CEE Incentive	\$2,937	\$994	\$965	\$57	\$0	\$0	\$2,016	\$318	\$597	\$6	\$0	\$0	\$0	\$0	\$0	\$0	\$921
40	AB32 ARB Implementation Fee	\$8,438	\$3,164	\$1,354	\$119	\$57	\$0	\$4,695	\$449	\$3,109	\$32	\$56	\$83	\$14	\$0	\$0	\$0	\$3,743
41	CA Solar Hot Water Heating	\$8,477	\$2,781	\$1,502	\$132	\$64	\$0	\$4,479	\$498	\$3,449	\$35	\$0	\$0	\$16	\$0	\$0	\$0	\$3,998
42	AB32 GHG Operations Cost	\$15,856	\$4,356	\$1,865	\$164	\$79	\$0	\$6,464	\$618	\$4,283	\$43	\$2,329	\$2,015	\$20	\$2	\$1	\$80	\$9,392
43	AB32 GHG Compliance Cost	\$172,852	\$92,682	\$39,458	\$3,295	\$1,683	\$0	\$137,118	\$12,936	\$17,812	\$142	\$1,211	\$3,210	\$422	\$0	\$0	\$0	\$35,734
44	AB32 Cap & Trade - Allowance Return Residential Customers Only Includes FF&U	(\$159,288)	(\$159,288)	\$0	\$0	\$0	\$0	(\$159,288)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
45	CPUC FEE	\$12,453	\$4,495	\$1,922	\$169	\$82	\$0	\$6,668	\$638	\$4,420	\$45	\$355	\$307	\$20	\$0	\$0	\$0	\$5,786
46	Subtotals for Customer Class Charge Items	\$61,726	(\$50,816)	\$47,066	\$3,937	\$1,965	\$0	\$2,152	\$15,456	\$33,671	\$303	\$3,952	\$5,615	\$492	\$2	\$1	\$80	\$59,574
47	Franch. Fee and Uncoll. Exp. on Items Above	\$2,955	\$1,450	\$629	\$53	\$26	\$0	\$2,158	\$207	\$450	\$4	\$53	\$75	\$7	\$0	\$0	\$1	\$796
48	Subtotals of Other Costs	\$64,681	(\$49,366)	\$47,695	\$3,989	\$1,992	\$0	\$4,311	\$15,663	\$34,121	\$307	\$4,005	\$5,690	\$499	\$2	\$2	\$81	\$60,370
49	Allocation of Total Non-G&TS End-User Transportation Costs	\$2,377,112	\$1,774,109	\$466,815	\$17,835	\$8,833	\$6,219	\$2,273,811	\$61,355	\$38,450	\$213	\$328	\$2,210	\$464	\$207	\$132	(\$58)	\$103,301

Attachment 5 (continued)

CUSTOMER CLASS COST FOR 2015 GTS LATE IMPL AMORT ALLOCATED BASED ON GAS ACCORD THROUGHPUT		Total	Residential	Small Commercial	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	EG D/T	EG BB	Noncore NGV	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
50	Local Transmission Balancing Account	\$4,168	\$5,927	\$2,533	\$222	\$105	\$0	\$8,788	(\$447)	(\$3,029)	\$0	(\$1,069)	\$0	(\$14)	(\$2)	(\$1)	(\$58)	(\$4,620)
51	Backbone Transmission Balancing Account	\$6,595	\$9,096	\$3,888	\$341	\$161	\$0	\$13,487	(\$504)	(\$3,419)	(\$36)	(\$1,207)	(\$1,641)	(\$16)	(\$2)	(\$1)	(\$65)	(\$6,892)
52	Storage Balancing Account	\$43,007	\$27,914	\$11,930	\$1,048	\$495	\$0	\$41,387	\$119	\$804	\$8	\$284	\$386	\$4	\$0	\$0	\$15	\$1,620
53	Subtotal of Pipeline Safety Enhancement Cost	\$53,769	\$42,937	\$18,351	\$1,611	\$762	\$0	\$63,661	(\$833)	(\$5,645)	(\$27)	(\$1,993)	(\$1,255)	(\$27)	(\$3)	(\$2)	(\$108)	(\$9,892)

GT&S-related Pension Revenue Requirement		Total	Residential	Small Commercial	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	EG D/T	EG BB	Noncore NGV	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
54	Pension - Transmission	\$18,013	\$7,098	\$3,039	\$267	\$129	\$0	\$10,533	\$556	\$3,854	\$19	\$2,096	\$863	\$18	\$2	\$1	\$72	\$7,480
55	Net End-User Transportation Excluding LT and CAC	\$2,448,894	\$1,824,144	\$488,205	\$19,713	\$9,724	\$6,219	\$2,348,006	\$61,078	\$36,659	\$205	\$431	\$1,818	\$455	\$206	\$132	(\$94)	\$100,889

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	EG D/T	EG BB	Noncore NGV	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
56	Local Transmission	856,625	397,193	169,757	14,906	7,049	0	588,905	25,894	175,526	15	61,962	0	830	91	63	3,355	267,720
57	Customer Access Charge	2,404	0	0	0	0	0	0	0	1,346	15	991	0	0	4	5	43	2,404
58	Total End-User Gas Accord Transportation Costs	859,029	397,193	169,757	14,906	7,049	0	588,905	25,894	176,872	15	62,953	0	830	95	68	3,398	270,125
59	Gross End-User Transportation Costs in Rates	3,307,924	2,221,337	657,962	34,619	16,774	6,219	2,936,910	86,972	213,531	220	63,384	1,818	1,286	301	199	3,304	371,014
60	Less Forecast CARE Discount recovered in PPP Surcharges	129,374	129,374	0	0	0	0	129,374	0	0	0	0	0	0	0	0	0	0
61	Net End-User Transportation Costs in Rates	3,178,550	2,091,962	657,962	34,619	16,774	6,219	2,807,536	86,972	213,531	220	63,384	1,818	1,286	301	199	3,304	371,014

Line No.	ALLOCATION OF PUBLIC PURPOSE PROGRAM SURCHARGES	Total	Residential	Small Commercial	Large Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core	Industrial Distribution	Industrial Transmission	Industrial Backbone	EG D/T	EG BB	Noncore NGV	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
62	PPP-EE Surcharge	85,612	28,971	28,132	1,661	0	0	58,764	9,263	17,408	177	0	0	0	0	0	0	26,848
63	PPP-EE Balancing Account	(15,372)	(5,202)	(5,051)	(298)	0	0	(10,551)	(1,663)	(3,126)	(32)	0	0	0	0	0	0	-4,821
64	PPP-ESA Surcharge	49,359	49,359	0	0	0	0	49,359	0	0	0	0	0	0	0	0	0	0
65	PPP-ESA Balancing Account	(58,736)	(58,736)	0	0	0	0	(58,736)	0	0	0	0	0	0	0	0	0	0
66	PPP - RD&D Programs	9,818	3,879	1,639	144	69	0	5,731	538	3,495	35	0	0	18	0	0	0	4,086
67	PPP - RD&D Balancing Account	(122)	(48)	(20)	(2)	(1)	0	(71)	(7)	(43)	(0)	0	0	(0)	0	0	0	-51
68	PPP-CARE Discount Allocation Set Annually	129,374	44,133	23,519	2,072	996	0	70,720	7,720	50,172	510	0	0	254	0	0	0	58,655
69	PPP-CARE Administration Expense	3,772	1,287	686	60	29	0	2,062	225	1,463	15	0	0	7	0	0	0	1,710
70	PPP-CARE Balancing Account	(21,731)	(7,413)	(3,950)	(348)	(167)	0	(11,879)	(1,297)	(8,427)	(86)	0	0	(43)	0	0	0	-9,852
71	PPP-Admin Cost for BOE and CPUC	477	188	80	7	3	0	278	26	170	2	0	0	1	0	0	0	199
72	PPP-ESA Statewide ME&O	40	40	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0
73	Subtotal of Public Purpose Program Surcharge	\$182,490	\$56,457	\$45,033	\$3,297	\$929	\$0	\$105,716	\$14,805	\$61,111	\$621	\$0	\$0	\$237	\$0	\$0	\$0	\$76,774

ILLUSTRATIVE ALLOCATION OF GAS PROCUREMENT REVENUE REQUIREMENTS		Total	Residential	Small Commercial	0 Commercial	Core NGV	Compression Cost for G-NGV2	Subtotal Core
74	Illustrative Core Bundled Cost of Gas, Shrinkage, and FF&U	424,072	321,689	88,600	7,246	6,537	0	424,072
75	Illustrative Interstate and Canadian Capacity Charges	107,193	85,502	19,797	1,026	868	0	107,193
76	Intrastate Volumetric and Backbone	148,420	116,552	28,550	1,773	1,545	0	148,420
77	Cycled Carrying Cost of Gas in Storage	1,429	1,084	299	24	22	0	1,429
78	Core Storage and Noncycled Carrying Cost of Gas in Storage	44,041	35,189	8,013	457	382	0	44,041
79	Brokerage Fees	5,332	4,045	1,114	91	82	0	5,332
Reconciling Item: Bundled Procurement Revenue Reduced by this amount due to CTA's Acceptance		60,556	48,303	11,170	587	496	0	60,556
80	Total Authorized Illustrative Procurement RRQ	\$791,044	\$612,364	\$157,543	\$11,205	\$9,932	\$0	\$791,044

82	Unbundled Gas Transmission and Storage Revenue Requirement	\$308,837																	308,837
83	Total Allocated Illustrative Revenue Requirement	4,460,921	2,760,784	860,538	49,121	27,635	6,219	3,704,296	101,777	274,642	840	63,384	1,818	1,522	301	199	3,304	756,625	
TOTAL GAS REVENUE REQUIREMENT AND PPPS FUNDING REQUIREMENT IN RATES																			
84	Total Transportation, PPPS, and Unbundled Costs	4,460,921	(Total of lines 65, 78, and 79)																
85	Cross-check with Gas Revenue Requirement Wkppr Including Core Procurement	4,460,921																	
86	Difference	0																	

87	Adopted GCAP Annual Throughput Volumes	6,625,370	1,819,971	779,366	68,530	33,055	0		258,205	1,789,672	18,175	973,252	841,986	8,283	901	624	34,876	0
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## Attachment 6

### CHANGES IN ALLOCATION OF REVENUE REQUIREMENT FROM 01/1/2020 AGT RESULTING FROM APPLICATION OF ADOPTED GCAP METHODOLOGIES GAS END-USE TRANSPORTATION AND ILLUSTRATIVE PROCUREMENT REVENUE REQUIREMENTS AND PUBLIC PURPOSE PROGRAM SURCHARGE REVENUES ACROSS CLASSES

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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
1	Customer	\$55,362	(\$18,027)	\$71,193	\$76	\$671	\$0	\$53,912	\$2,587	(\$4)	\$0	(\$1,133)	\$0	\$0	\$0	\$0	\$1,450
2	+ Distribution	(\$57,396)	(\$14,142)	(\$47,629)	\$284	\$3,610	\$0	(\$57,878)	\$6,692	(\$904)	\$0	(\$5,392)	\$0	\$69	\$17	\$0	\$482
3	+ G-NGV2 Compression Cost	\$2,034	\$0	\$0	\$0	\$0	\$2,034	\$2,034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Allocation of Base Distribution Franchise Fees	\$0	(\$320)	\$234	\$4	\$43	\$20	(\$19)	\$92	(\$9)	\$0	(\$65)	\$0	\$1	\$0	\$0	\$19
5	Allocation of Base Distribution Uncollectibles Expense	\$0	(\$110)	\$81	\$1	\$15	\$7	(\$6)	\$32	(\$3)	\$0	(\$22)	\$0	\$0	\$0	\$0	\$6
6	<b>Final Allocation of Distribution Revenue Requirement</b>	<b>\$0</b>	<b>(\$32,600)</b>	<b>\$23,879</b>	<b>\$365</b>	<b>\$4,338</b>	<b>\$2,061</b>	<b>(\$1,958)</b>	<b>\$9,403</b>	<b>(\$919)</b>	<b>\$0</b>	<b>(\$6,612)</b>	<b>\$0</b>	<b>\$70</b>	<b>\$17</b>	<b>\$0</b>	<b>\$1,958</b>
7	<b>Distribution-Level Revenue Requirement Allocation %</b>	0.00000%	-1.64%	1.20%	0.02%	0.22%	0.10%	-0.10%	0.47%	-0.05%	0.00%	-0.33%	0.00%	0.00%	0.00%	0.00%	0.10%
<b>CUSTOMER CLASS COSTS WITHOUT RATE COMPONENTS</b>																	
Line No.	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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale	
8	Core Fixed Cost Acct. Bal. - Distribution Cost Subaccount	\$0	(\$4,757)	\$3,717	\$58	\$666	\$317	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Core Fixed Cost Acct. Bal. - Core Cost Subaccount - ECPT (2016 PSEF)	\$0	(\$70)	\$53	(\$1)	\$18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Mobile Home Parks Balancing Account	\$0	(\$398)	\$291	\$4	\$53	\$25	(\$24)	\$115	(\$11)	\$0	(\$81)	\$0	\$1	\$0	\$0	\$24
11	Noncore Customer Class Charge Account - ECPT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$165)	(\$3,012)	(\$46)	\$3,256	(\$21)	(\$0)	(\$0)	(\$12)	\$0
12	Noncore Customer Class Charge Account - Distribution Subacct	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,397)	\$231	\$0	\$1,180	\$0	(\$11)	(\$2)	\$0	\$0
13	Natural Gas Leak Abatement Program Balancing Account (Transportation)	(\$0)	(\$1)	(\$9)	(\$0)	(\$2)	\$0	(\$12)	(\$3)	(\$66)	(\$1)	\$82	(\$0)	\$0	(\$0)	(\$0)	\$12
14	CFCA - NGSS Enduser Dist. Sub Acct Recovery	\$0	(\$407)	\$318	\$5	\$57	\$27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Gas Pipeline Expense & Capital BA (2016 is for CPUC Reimb sub)	\$0	(\$0)	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0	(\$0)	\$0	\$0	\$0	\$0	\$0
16	Hazardous Substance Balance	\$0	\$71	\$676	\$14	\$154	\$0	\$915	\$243	\$5,133	\$80	(\$6,422)	\$37	(\$0)	\$0	\$14	(\$915)
17	Non-Tariffed Products and Services	\$0	\$7	(\$5)	\$0	(\$2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Core Brokerage Fee Credit (Gas Brokerage Costs w/o FF&U)	\$1,039	\$810	\$217	\$28	(\$16)	\$0	\$1,039	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Core Brokerage Fee Credit (Sales/Marketing Costs w/o FF&U)	\$195	\$249	(\$54)	\$1	(\$0)	\$0	\$195	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Natural Gas Leak Abatement Program Balancing Account (Distribution)	\$0	\$27	(\$20)	(\$0)	(\$4)	(\$2)	\$2	(\$8)	\$1	\$0	\$5	\$0	(\$0)	(\$0)	\$0	(\$2)
21	Balancing Charge Account	\$0	\$0	(\$2)	(\$0)	(\$5)	\$0	(\$27)	(\$7)	(\$151)	(\$2)	\$189	(\$1)	\$0	(\$0)	(\$0)	\$27
22	G-10 Procurement-related Employee Discount Allocated	(\$22)	(\$5)	\$4	(\$0)	\$1	\$0	(\$0)	\$1	\$43	\$1	(\$67)	\$0	(\$0)	(\$0)	\$0	(\$22)
23	Brokerage Fee Balance Account	\$0	(\$19)	\$15	(\$0)	\$5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	Adjust. Mechanism Costs Determined Other Proceedings	\$0	\$559	(\$423)	\$10	(\$147)	\$0	\$0	(\$203)	(\$3,709)	(\$56)	\$4,009	(\$26)	(\$0)	(\$0)	(\$14)	\$0
25	G-10 Procurement-related Employee Discount Applied to Res Class	\$22	\$22	\$0	\$0	\$0	\$0	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	New Environmental Regulations Balancing Account(Distribution)	\$0	(\$328)	\$240	\$4	\$44	\$21	(\$20)	\$95	(\$9)	\$0	(\$67)	\$0	\$1	\$0	\$0	\$20
27	New Environmental Regulations Balancing Account(Transportation)	\$0	(\$2)	(\$15)	(\$0)	(\$3)	\$0	(\$20)	(\$5)	(\$115)	(\$2)	\$144	(\$1)	\$0	(\$0)	(\$0)	\$20
28	Gas Operational Cost Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	GT&S Ex-Parte Penalty	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	GT&S Revenue Sharing Mechanism	\$0	\$422	(\$318)	\$7	(\$110)	\$0	\$0	(\$156)	(\$2,737)	(\$48)	\$2,973	(\$19)	(\$0)	(\$0)	(\$12)	\$0
31	CFCA/NCA - NGSS Enduser Sub Acct Recovery	\$0	\$6	\$59	\$1	\$13	\$0	\$79	\$21	\$446	\$7	(\$558)	\$3	(\$0)	\$0	\$1	(\$79)
32	Self Gen Incentive Program Forecast Period Cost	\$0	\$2,317	\$4,973	(\$16)	(\$36)	\$0	\$7,237	\$141	(\$2,553)	(\$21)	(\$4,795)	(\$9)	\$0	\$0	\$0	(\$7,237)
33	NCA - NGSS Enduser Sub Acct Recovery + NGSS Late Impl.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42	\$815	\$12	(\$878)	\$6	\$0	\$0	\$3	\$0
34	Engineering Critical Assessment Balancing Account	\$1,636	\$1,296	\$270	\$10	\$1	\$3	\$1,579	\$37	\$12	\$0	\$7	\$0	\$0	\$0	\$0	\$57
35	Subtotals of Items Transferred to CFCA and NCA	\$1,234	(\$1,501)	\$9,699	\$113	\$687	\$388	\$9,386	(\$1,287)	(\$5,695)	(\$76)	(\$1,029)	(\$32)	(\$10)	(\$2)	(\$21)	(\$8,152)
36	Franchise Fees and SF Gross Receipts and Uncoll. Exp. on Items Above	\$17	(\$15)	\$125	\$1	\$8	\$5	\$124	(\$18)	(\$93)	(\$1)	\$5	(\$1)	(\$0)	(\$0)	(\$0)	(\$108)
37	Subtotals with FF&U and Other Bal. Acct./Forecast Period Costs	\$1,250	(\$1,515)	\$9,823	\$114	\$695	\$393	\$9,510	(\$1,305)	(\$5,788)	(\$78)	(\$1,024)	(\$32)	(\$10)	(\$2)	(\$21)	(\$8,260)
38	Total of Items Collected via CFCA, NCA, and NDFCA	\$1,250	(\$34,115)	\$33,702	\$479	\$5,033	\$2,454	\$7,553	\$8,098	(\$6,707)	(\$78)	(\$7,636)	(\$32)	\$60	\$15	(\$21)	(\$6,302)
<b>CUSTOMER CLASS COSTS WITH THEIR OWN RATE COMPONENTS ALLOCATED USING GCAP THROUGHPUT</b>																	
Line No.	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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale	
39	CEE Incentive	\$0	(\$1,569)	\$624	\$50	(\$0)	\$0	(\$896)	\$300	\$596	\$6	(\$6)	\$0	\$0	\$0	\$0	\$896
40	AB32 ARB Implementation Fee	\$0	\$242	\$204	\$11	\$28	\$0	\$485	\$71	\$1,024	\$15	(\$1,602)	\$7	\$0	\$0	\$0	(\$485)
41	CA Solar Hot Water Heating	\$0	(\$440)	(\$99)	(\$19)	\$23	\$0	(\$534)	(\$28)	\$546	\$12	\$0	\$5	\$0	\$0	\$0	\$534

### Attachment 6 (continued)

CUSTOMER CLASS COST FOR 2019 GTS LATE IMPL AMORT ALLOCATED BASED ON GAS ACCORD 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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
50	Local Transmission Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
51	Backbone Transmission Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
52	Storage Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53	Subtotal of Pipeline Safety Enhancement Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

RECONCILIATION WITH REVENUE REQUIREMENTS TABLE FOR END-USER TRANSPORTATION TOTALS		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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
54	Pension - Transmission	\$0	(\$211)	\$160	(\$4)	\$55	\$0	\$0	\$51	\$1,065	\$8	(\$1,134)	\$8	(\$0)	\$0	\$3	\$0
55	Net End-User Transportation Excluding LT and CAC	\$2,054	(\$41,049)	\$36,172	\$402	\$5,924	\$2,454	\$3,902	\$9,121	\$2,943	\$55	(\$14,202)	\$176	\$60	\$15	(\$15)	(\$1,848)

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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
56	Local Transmission	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
57	Customer Access Charge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	Total End-User Gas Accord Transportation Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Gross End-User Transportation Costs in Rates	2,054	(41,049)	36,172	402	5,924	2,454	3,902	9,121	2,943	55	(14,202)	176	60	15	(15)	(1,848)
60	Less Forecast CARE Discount recovered in PPP Surcharges	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	Net End-User Transportation Costs in Rates	2,054	(41,049)	36,172	402	5,924	2,454	3,902	9,121	2,943	55	(14,202)	176	60	15	(15)	(1,848)

Line No.	ALLOCATION OF PUBLIC PURPOSE PROGRAM SURCHARGES	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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
62	PPP-EE Surcharge	0	0	0	0	0	0	0	0	0	(36)	36	0	0	0	0	0
63	PPP-EE Balancing Account	0	0	0	0	0	0	0	0	6	(6)	0	0	0	0	0	0
64	PPP-ESA Surcharge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	PPP-ESA Balancing Account	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
66	PPP - RD&D Programs	0	0	0	0	0	0	0	0	(7)	7	0	0	0	0	0	0
67	PPP - RD&D Balancing Account	0	0	0	0	0	0	0	0	0	(0)	0	0	0	0	0	0
68	PPP-CARE Discount Allocation Set Annually	0	0	0	0	0	0	0	0	(103)	103	0	0	0	0	0	0
69	PPP-CARE Administration Expense	0	0	0	0	0	0	0	0	(3)	3	0	0	0	0	0	0
70	PPP-CARE Balancing Account	0	0	0	0	0	0	0	0	17	(17)	0	43	0	0	0	0
71	PPP-Admin Cost for BOE and CPUC	0	0	0	0	0	0	0	0	(0)	0	0	(1)	0	0	0	0
72	PPP- ESA Statewide ME&O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
73	Subtotal of Public Purpose Program Surcharge	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$125)	\$125	\$0	\$0	\$0	\$0	\$0	\$0

ILLUSTRATIVE ALLOCATION OF GAS PROCUREMENT REVENUE REQUIREMENTS			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Illustrative Core Bundled Cost of Gas, Shrinkage, and FF&U	(96,210)	(69,662)	(26,503)	(2,586)	2,541	0	(96,210)	0	0	0	0	0	0	0	0	0
75	Illustrative Interstate and Canadian Capacity Charges	0	698	(1,001)	(115)	418	0	0	0	0	0	0	0	0	0	0	0
76	Intrastate Volumetric and Backbone	0	961	(1,526)	(194)	759	0	0	0	0	0	0	0	0	0	0	0
77	Cycled Carrying Cost of Gas in Storage	0	9	(18)	(3)	11	0	0	0	0	0	0	0	0	0	0	0
78	Core Storage and Noncycled Carrying Cost of Gas in Storage	0	459	(594)	(53)	188	0	0	0	0	0	0	0	0	0	0	0
79	Brokerage Fees	(1,251)	(907)	(342)	(33)	32	0	(1,251)	0	0	0	0	0	0	0	0	0
80	Reconciling Item: Bundled Procurement Revenue Reduced by this amount due to CTA's Acceptance	0	422	(596)	(66)	240	0	0	0	0	0	0	0	0	0	0	0
81	Total Authorized Illustrative Procurement RRQ	(\$97,460)	(\$68,019)	(\$30,579)	(\$3,051)	\$4,189	0	(\$97,460)	0	0	0	0	0	0	0	0	0

82	Unbundled Gas Transmission and Storage Revenue Requirement	(\$0)															(0)
83	CHANGE IN TOTAL ALLOCATED REVENUE REQUIREMENT	(\$95,407)	(109,069)	5,592	(2,649)	10,113	2,454	(93,558)	9,121	2,817	180	(14,202)	176	60	15	(15)	(1,848)
	Total RRQ excluding GHG Allowance Return	-95,406	-115,027	8,330	-1,244	10,113	2,454	-95,374	9,899	3,856	180	-14,202	176	60	15	-15	-32
84	Throughput Volumes	-723,580	-191,158	-12,991	-6,013	12,833			-2,204	352,544	6,551	-883,862	3,052	-105	-47	-2,333	

**Attachment 8**

3/1/2020

**G1-NGV RATES****ILLUSTRATIVE RATES**

(\$/th)

<u>Annual Average Impact</u>		<u>Annual Average Impact of Transportation/PPPS Rate Change</u>			
Line		<u>1/1/20 AGT</u>	<u>3/1/2020</u>	<u>Change</u>	<u>% Change</u>
1	Class Average Transportation Rate Including Monthly Fixed Charge	\$0.73718	\$0.76088	\$0.02370	3.22%
2	Public Purpose Program Surcharge	\$0.03651	\$0.03651	\$0.00000	0.00%
3	Class Average End-User Total Excluding Procurement	\$0.77369	\$0.79739	\$0.02370	3.06%
4	Illustrative G-CP Annual Average Gas Procurement Rate	\$0.31934	\$0.34675	\$0.02741	8.58%
5	Bundled Volumetric Equivalent Class Average Rate (incl. illustrative G-CP)	\$1.09303	\$1.14414	\$0.05111	4.68%

\*CARE Customers receive a 20% discount off of the total bundled rate and are exempt from the CARE-related portions of PG&E's Public Purpose Program Surcharge (G-PPPS) rates.

ATTACHMENT 9

3/1/2020  
**AVERAGE END-USER GAS TRANSPORTATION RATES AND PPP SURCHARGES**  
 (\$/th; Annual Class Averages)<sup>(9)</sup>

	Core Retail					Noncore Retail						
	Non-CARE Residential	Small Commercial	Large Commercial	G-NGV1 (Uncompressed)	G-NGV2 (Compressed)	Industrial			G-NGV 4		Electric	
						Distribution	Transmission	BB-Level Serv.	Distribution	Transmission	Dist./Trans.	
<b>TRANSPORTATION CHARGE COMPONENTS</b>												
1	Local Transmission (1)	\$ .21777	\$ .21777	\$ .21777	\$ .21777	\$ .21777	\$ .10029	\$ .10029	\$ .00000	\$ .10029	\$ .10029	\$ .10029
2	Self Generation Incentive Program	\$ .00328	\$ .00830	\$ .00172	\$ .00000	\$ .00000	\$ .00237	\$ .00000	\$ .00000	\$ .00237	\$ .00000	\$ .00000
3	CPUC Fee (3)	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00250	\$ .00037
4	AB32 Air Resource Board Cost of Implementation Fee (8)	\$ .00176	\$ .00176	\$ .00176	\$ .00176	\$ .00176	\$ .00176	\$ .00176	\$ .00176	\$ .00176	\$ .00176	\$ .00176
5	AB32 Greenhouse Gas Compliance & Obligation Cost	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403
5	Balancing Accounts (2)	\$ .15561	\$ .08132	\$ .02842	\$ .02866	\$ .29935	(\$ .03317)	(\$ .00309)	(\$ .00288)	(\$ .03317)	(\$ .00225)	(\$ .00438)
6	2019 GTS Late Implementation Amortization	\$ .02354	\$ .02354	\$ .02354	\$ .02354	\$ .02354	(\$ .00323)	(\$ .00323)	(\$ .00149)	(\$ .00323)	(\$ .00323)	(\$ .00323)
7	GT&S-related Pension	\$ .00390	\$ .00390	\$ .00390	\$ .00390	\$ .00390	\$ .00215	\$ .00215	\$ .00102	\$ .00215	\$ .00215	\$ .00215
8	Distribution - Annual Average (6)	\$ .85062	\$ .39314	\$ .17057	\$ .17932	\$ 1.60185	\$ .20673	\$ .00784		\$ .20673		\$ .00120
9	<b>VOLUMETRIC RATE - Average Annual</b>	\$ 1.31302	\$ .78626	\$ .50422	\$ .51149	\$ 2.20471	\$ .33344	\$ .16226	\$ .05494	\$ .33344	\$ .15526	\$ .15220
10	<b>CUSTOMER ACCESS CHARGE - Class Average Volumetric Equivalent (4)</b>		\$ .05822	\$ .00411	\$ .00095		\$ .00424	\$ .00076	\$ .00081	\$ .00424	\$ .00076	\$ .00086
11	<b>CLASS AVERAGE TRANSPORTATION RATE</b>	\$ 1.31302	\$ .84449	\$ .50834	\$ .51244	\$ 2.20471	\$ .33768	\$ .16302	\$ .05575	\$ .33768	\$ .15603	\$ .15306
12	<b>PUBLIC PURPOSE PROGRAM SURCHARGE/TAX (5)</b>	\$ .03651	\$ .05861	\$ .04870	\$ .02857	\$ .02857	\$ .05871	\$ .03728	\$ .03728	\$ .02857	\$ .02857	
13	<b>END-USE RATE (7)</b>	\$ 1.34953	\$ .90310	\$ .55704	\$ .54101	\$ 2.23328	\$ .39639	\$ .20030	\$ .09303	\$ .36625	\$ .18460	\$ .15306

	Wholesale						
	Coalinga	Palo Alto	WC Gas Mather		Island Energy	Alpine	WC Gas Castle
			Dist.	Trans.			
<b>TRANSPORTATION CHARGE COMPONENTS</b>							
14	Local Transmission (1)	\$ .10029	\$ .10029	\$ .10029	\$ .10029	\$ .10029	\$ .10029
15	Self Generation Incentive Program	WHOLESALE CUSTOMERS EXEMPT FROM SGIP, AB32 COI, and CPUC FEE RATE COMPONENT					
16	CPUC Fee (3)	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000
17	AB32 Air Resource Board Cost of Implementation Fee (8)	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000
18	AB32 Greenhouse Gas Compliance & Obligation Cost	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403	\$ .05403
19	Balancing Accounts (2)	(\$ .00419)	(\$ .00419)	(\$ .06897)	(\$ .00419)	(\$ .00419)	(\$ .04268)
20	2019 GTS Late Implementation Amortization	(\$ .00323)	(\$ .00323)	(\$ .00323)	(\$ .00323)	(\$ .00323)	(\$ .00323)
21	GT&S-related Pension	\$ .00215	\$ .00215	\$ .00215	\$ .00215	\$ .00215	\$ .00215
22	Distribution - Annual Average			\$ .43299			\$ .25233
23	<b>VOLUMETRIC RATE - Average Annual</b>	\$ .14906	\$ .14906	\$ .51728	\$ .14906	\$ .14906	\$ .36290
24	<b>CUSTOMER ACCESS CHARGE - Class Average Volumetric Equivalent (4)</b>	\$ .00384	\$ .00090	\$ .00483	\$ .00483	\$ .01263	\$ .00350
25	<b>CLASS AVERAGE TRANSPORTATION RATE</b>	\$ .15290	\$ .14996	\$ .52211	\$ .15389	\$ .16168	\$ .3705355
26	<b>PUBLIC PURPOSE PROGRAM SURCHARGE/TAX (5)</b>						
27	<b>END-USE RATE</b>	\$ .15290	\$ .14996	\$ .52211	\$ .15389	\$ .16168	\$ .37054
28	<b>GHG COMPLIANCE COST EXEMPTION</b>	\$ .05161	\$ .05161	\$ .05161	\$ .05161	\$ .05161	\$ .05161
29	<b>END-USE RATE EXCLUDING GHG COMPLIANCE COST</b>	\$ .10129	\$ .09835	\$ .47050	\$ .10228	\$ .11008	\$ .31893

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, 2018 (including FF&U). G-EG customers pay a reduced CPUC fee as updated in 2018 GCAP D.19-10-036.
- (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 4174-G updated PG&E's 2020 PPP Surcharges effective January 1, 2020.
- (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 \$0.00176 per therm
- (9) Billed Transportation rates paid by all customers include an additional GHG Compliance Cost of \$0.05161 and Operational Cost component of \$0.00243. 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 \$0.05161 per therm times their monthly billed therms



**ATTACHMENT 11**

3/1/2020

**Illustrative Average Non-CARE Residential\* and Non-CARE Small Commercial\* Bill Impacts**

<b>RESIDENTIAL CLASS</b>		Illustrative Bundled Rates		Illustrative 3/2020 Rates and Bill (B)	Illustrative 1/2021 Rates and Bill (C)
		January 1, 2020 Filing (A)	Final Dec		
Line No.					
1	Non-CARE Residential Illustrative Bundled Rate (\$/th)		\$1.55344	\$1.65977	\$1.58416
2	+ State-Mandated Residential Public Purpose Program Surcharge (\$/th)		\$0.03651	\$0.03651	\$0.03651
3	= End-User Total Rate and Surcharge (\$/th)		\$1.58995	\$1.69628	\$1.62067
4	x Average Monthly Use per Residential Customer (therms)		32	32	32
5	= Present Average Non-CARE Residential Customer Monthly Bill (\$)		\$50.88	\$54.28	\$51.86
6	Change in Average Non-CARE Residential Bill			\$3.40	(\$2.42)
7	% Change in Average Non-CARE Residential Bill			6.7%	-4.5%
<b>SMALL COMMERCIAL CLASS</b>		Illustrative Bundled Rates		Illustrative 3/2020 Rates and Bill (B)	Illustrative 1/2021 Rates and Bill (B)
		January 1, 2020 Filing (A)	Final Dec		
8	Non-CARE Small Commercial Illustrative Bundled Rate (\$/th)		\$1.09166	\$1.17120	\$1.12977
9	+ State-Mandated Small Commercial Public Purpose Program Surcharge (\$/th)		\$0.05861	\$0.05861	\$0.05861
10	= End-User Total Rate and Surcharge (\$/th)		\$1.15027	\$1.22981	\$1.18838
11	x Average Monthly Use per Small Commercial Customer (therms)		281	281	281
12	= Present Average Non-CARE Small Commercial Customer Monthly Bill (\$)		\$323.23	\$345.58	\$333.93
13	Change in Average Non-CARE Small Commercial Bill			\$22.35	(\$11.64)
14	% Change in Average Non-CARE Small Commercial Bill			6.9%	-3.4%

\* CARE customers receive a discount of 20% off of PG&E's bundled residential rates and are exempt from paying CARE-related portions of PG&E's G-PPPS rates and cost recovery of the California Solar Initiative Thermal Program.

**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	IGS Energy	San Francisco Water Power and Sewer
California Energy Commission	International Power Technology	Seattle City Light
California Public Utilities Commission	Intestate Gas Services, Inc.	Sempra Utilities
California State Association of Counties	Kelly Group	Southern California Edison Company
Calpine	Ken Bohn Consulting	Southern California Gas Company
	Keyes & Fox LLP	Spark Energy
Cameron-Daniel, P.C.	Leviton Manufacturing Co., Inc. Linde	Sun Light & Power
Casner, Steve	Los Angeles County Integrated	Sunshine Design
Cenergy Power	Waste Management Task Force	Tecogen, Inc.
Center for Biological Diversity	Los Angeles Dept of Water & Power	TerraVerde Renewable Partners
	MRW & Associates	Tiger Natural Gas, Inc.
Chevron Pipeline and Power	Manatt Phelps Phillips	
City of Palo Alto	Marin Energy Authority	TransCanada
	McKenzie & Associates	Troutman Sanders LLP
City of San Jose	Modesto Irrigation District	Utility Cost Management
Clean Power Research	Morgan Stanley	Utility Power Solutions
Coast Economic Consulting	NLine Energy, Inc.	Utility Specialists
Commercial Energy	NRG Solar	
County of Tehama - Department of Public Works	Office of Ratepayer Advocates	Verizon
Crossborder Energy	OnGrid Solar	Water and Energy Consulting Wellhead Electric Company
Crown Road Energy, LLC	Pacific Gas and Electric Company	Western Manufactured Housing Communities Association (WMA)
Davis Wright Tremaine LLP	Peninsula Clean Energy	Yep Energy
Day Carter Murphy		
Dept of General Services		
Don Pickett & Associates, Inc.		
Douglass & Liddell		