

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



December 20, 2016

Advice Letter 3788-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: January 1, 2017 Gas Transportation Rate and Tariff Changes  
Resulting from the 2015 Gas Transmission and Storage Decision  
16-12-010**

Dear Mr. Jacobson:

Advice Letter 3788-G is effective as of January 1, 2017.

Sincerely,

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

Edward Randolph  
Director, Energy Division



**Erik Jacobson**  
Director  
Regulatory Relations

Pacific Gas and Electric Company  
77 Beale St., Mail Code B10C  
P.O. Box 770000  
San Francisco, CA 94177

Fax: 415-973-1448

December 9, 2016

**Advice 3788-G**

(Pacific Gas and Electric Company ID U 39G)

Public Utilities Commission of the State of California

**Subject      January 1, 2017 Gas Transportation Rate and Tariff Changes  
Resulting from the 2015 Gas Transmission and Storage Decision  
16-12-010**

**Purpose**

Pacific Gas and Electric Company (PG&E) submits for filing revisions to its gas tariffs to implement the rate adjustments approved in Decision (D.) 16-12-010. This advice letter also revises the Hydrostatic Station Testing Memorandum Account and the Transmission Integrity Management Program Balancing Account in accordance with the decision.

The affected tariff sheets are listed on the enclosed Attachment 7.

In accordance with Ordering Paragraph (OP) 2, PG&E respectfully requests approval of this Tier 2 advice letter by December 20, 2016, so that PG&E has enough time to incorporate the revised rates into its consolidated Annual Gas True-Up for rates to be filed December 23 and effective January 1, 2017.

**Background**

On December 19, 2013, PG&E filed its 2015 Gas Transmission and Storage (GT&S) Application (A.) 13-12-012, proposing approval of revenue requirements, cost allocation and rate design for its GT&S services for the 2015-2017 rate case cycle. On July 1, 2016, the CPUC issued D.16-06-056 (2015 GT&S Decision), which adopted interim revenue requirements and resulting rates for each of the GT&S functions for 2015-2018. Ordering Paragraph 6 of D.16-06-056 provided that "The interim rates adopted in this decision shall be subject to true-up upon the adoption of a final revenue requirement for Application 13-12-012." Decision 16-06-056 also authorized PG&E to collect the difference between the revenue requirements authorized by D.16-06-056 ("interim revenue requirements") and the placeholder revenue requirements in rates prior to the

implementation of the final authorized amounts over 36 months.<sup>1</sup> This difference is referred to as the “undercollection.”<sup>2</sup> On July 1, 2016, PG&E filed Advice 3727-G<sup>3</sup> to implement noncore gas transportation rate and tariff changes resulting from D.16-06-056.<sup>4</sup> On December 5, 2016, the CPUC issued D.16-12-010, which adjusted these interim rates “to reflect the offset of the \$850 million penalty adopted in D.15-04-024, to be funded solely by shareholders and allocated 81 percent to capital expenditures and 19 percent to expenses.”<sup>5</sup>

### **Revenue Requirement and Rate Adjustments**

Decision 16-06-056 authorized interim 2015-2018 GT&S revenue requirements, subject to true-up. Decision 16-12-010 authorized final 2015-2018 GT&S revenue requirements, including the effects of the final allocation of the \$850 million penalty. The total 2017 GT&S revenue requirement is \$1,128 million.<sup>6</sup> Decision 16-12-010 also updated the undercollection amount discussed above.<sup>7</sup> The remaining revised undercollection is \$457 million, and is to be collected over 31 months.<sup>8</sup> Attachment 1 of this advice letter shows the total change in the GT&S revenue requirements compared to the amounts currently recovered in gas rates. Attachments 2 through 5 show illustrative gas rate changes resulting from the 2017 revenue requirements authorized by D.16-12-010 and the amortization of the undercollection compared to interim rates effective August 1, 2016.<sup>9</sup> Attachment 6 includes the following tables: Core and Noncore GT&S revenue responsibility and PG&E’s backbone transmission rates, local transmission rates, storage rates, customer access charges and the self-balancing credit, consistent with Appendix J of D.16-12-010.

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<sup>1</sup> See D.16-06-056, Ordering Paragraph 1.

<sup>2</sup> See D.16-12-010, Appendix J, Table 1.

<sup>3</sup> On July 21, 2016, the Energy Division approved Advice 3727-G, with an effective date of August 1, 2016.

<sup>4</sup> Changes to core transportation rates resulting from D.16-06-056 were filed in Advice 3741-G, PG&E’s monthly core procurement advice letter.

<sup>5</sup> See D.16-12-010, Ordering Paragraph 1.

<sup>6</sup> See Appendix E, Table 1 of D.16-12-010.

<sup>7</sup> See Ordering Paragraph 1 of D.16-12-010 and Appendix J, Table 1.

<sup>8</sup> As discussed above, the original undercollection was to be amortized over 36 months. As of December 31, 2016, PG&E will have amortized five months of the undercollection amount authorized by D.16-06-056, leaving 31 months remaining. See D.16-12-010, Appendix J, Table 1.

<sup>9</sup> Attachments 2 through 5, show the consolidated impact on rates from the interim GT&S rates at 2016 levels to the adjusted 2017 GT&S rates in addition to the application of the \$850 million in penalties, the \$30 million Seed Credit reduction to rates, and the adjustment of the remaining 31 months of Late Implementation Amortization. Impacts of PG&E’s 2017 Annual Gas True-Up (AGT) are not included in this advice letter. PG&E’s 2017 AGT will be filed on December 23, 2016.

## **Tariff Revisions**

Pursuant to Ordering Paragraphs 2 and 3 of D. 16-12-010,<sup>10</sup> PG&E proposes to revise its following Gas Preliminary Statements to reflect the accounting and amounts adopted by the Commission:

1. **Hydrostatic Station Testing Memorandum Account (HSTMA), Gas Preliminary Statement Part DR** – Revised to include recording all expenses incurred for the Hydrostatic Station Testing Program since no funding for this program was adopted.
2. **Transmission Integrity Management Program Balancing Account (TIMPBA), Gas Preliminary Statement Part CL** – Clarify that actual costs recorded in TIMPBA will exclude costs already recorded in Gas Preliminary Statement Part DK, Shareholder Funded Gas Transmission Safety Account (SFGTSA), as well as update the spending limits in the TIMPBA subaccounts as follows:
  - The “Expense Subaccount” will track actual Transmission Integrity Management Program (TIMP) expenses up to the adopted 2015-2018 aggregated amount of \$367.560 million.
  - The “Capital Subaccount” subledger will track actual TIMP capital expenditure up to the adopted 2015-2018 aggregated amount of \$228.260 million.
3. **Unbundled Backbone and Storage Tariffs** – Update PG&E’s unbundled Backbone Transmission and Storage Tariffs for adopted 2017 values. Tariffs including GT&S-authorized components recovered in end-user rates will be updated in PG&E’s 2017 Annual Gas True-Up advice letter.

## **Protests**

In accordance with Ordering Paragraph 2 of D.16-12-010, anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than December 19, 2016, which is 10 days after the date of this filing. Protests must be submitted to:

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

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<sup>10</sup> Ordering Paragraph 2 also allows PG&E to create a Tax Normalization Memorandum Account. Concurrent with this advice letter, PG&E will file a separate advice letter to propose the creation of the Tax Normalization Memorandum Account.

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:

Erik Jacobson  
Director, Regulatory Relations  
c/o Megan Lawson  
Pacific Gas and Electric Company  
77 Beale Street, Mail Code B10C  
P.O. Box 770000  
San Francisco, California 94177

Facsimile: (415) 973-1448  
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**

In accordance with Ordering Paragraph 2 of D.16-12-010, PG&E requests that this Tier 2 filing be approved no later than December 20 for rate changes effective January 1, 2017.

Changes to core gas transportation rates will be incorporated into the monthly core procurement advice filing for rates effective January 1, 2017.

### **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.13-12-012. 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-



# CALIFORNIA PUBLIC UTILITIES COMMISSION

## ADVICE LETTER FILING 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  
 PLC       HEAT       WATER

Contact Person: Annie Ho

Phone #: (415) 973-8794

E-mail: AMHP@pge.com and PGETariffs@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric      GAS = Gas  
PLC = Pipeline      HEAT = Heat      WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **3788-G**

Tier: **2**

Subject of AL: **January 1, 2017 Gas Transportation Rate and Tariff Changes Resulting from the 2015 Gas Transmission and Storage Decision 16-12-010**

Keywords (choose from CPUC listing): Balancing Account, Compliance, Memorandum Account

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other \_\_\_\_\_

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #: D.16-12-010

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: \_\_\_\_\_

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for: No

Confidential information will be made available to those who have executed a nondisclosure agreement: N/A

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: \_\_\_\_\_

Resolution Required?  Yes  No

Requested effective date: **January 1, 2017**

No. of tariff sheets: **26**

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: **Preliminary Statement Part C, Preliminary Statement Part CL, Preliminary Statement Part DR, Gas Schedule G-AA, G-AAOF, G-AFT, G-AFTOFF, G-BAL, G-CFS, G-LEND, G-NAS, G-NFS, G-PARK, G-SFS, G-SFT, G-XF**

Service affected and changes proposed: N/A

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

Protests, dispositions, and all other correspondence regarding this AL are due no later than 10 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

**California Public Utilities Commission**  
**Energy Division**  
**EDTariffUnit**  
**505 Van Ness Ave., 4<sup>th</sup> Flr.**  
**San Francisco, CA 94102**  
**E-mail: EDTariffUnit@cpuc.ca.gov**

**Pacific Gas and Electric Company**  
**Attn: Erik Jacobson**  
**Director, Regulatory Relations**  
**c/o Megan Lawson**  
**77 Beale Street, Mail Code B10C**  
**P.O. Box 770000**  
**San Francisco, CA 94177**  
**E-mail: PGETariffs@pge.com**

## ATTACHMENT 1

## PACIFIC GAS AND ELECTRIC COMPANY

**2017 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 8/1/16	B Proposed as of 1/1/2017	C Total Change	D Core	E Noncore / Unbundled	Line No.
	<b>END-USE GAS TRANSPORTATION</b>						
1	Gas Transportation Balancing Accounts	588,616	588,616	-	-	-	1
2	GRC Distribution Base Revenues (includes distribution portion of Cost of Capital)	1,746,376	1,746,376	-	-	-	2
3	Pension	54,701	54,701	-	-	-	3
4	Self Generation Incentive Program Revenue Requirement	6,505	6,505	-	-	-	4
5	CPUC Fee	4,390	4,390	-	-	-	5
6	Core Brokerage Fee Credit	(6,583)	(6,583)	-	-	-	6
7	Less CARE discount recovered in PPP surcharge from non-CARE customers	(111,590)	(111,590)	-	-	-	7
8	FF&U	10,477	10,477	-	-	-	8
9	Total Transportation RRQ with Adjustments and Credits	2,292,892	2,292,892	-	-	-	9
10	Procurement-Related G-10 Total	(811)	(811)	-	-	-	10
11	Procurement-Related G-10 Total Allocated	811	811	-	-	-	11
12	Total Transportation Revenue Requirements Reallocated	2,292,892	2,292,892	-	-	-	12
	Gas Transmission & Storage (GT&S) Transportation Revenue Requirements						
13	Local Transmission	707,281	712,503	5,222	4,523	698	13
14	Customer Access	2,770	2,630	(140)	-	(140)	14
15	Total GT&S Transportation RRQ	710,051	715,133	5,082	4,523	559	15
16	2015 GT&S Late Implementation Amortization						16
17	Local Transmission	90,073	176,147	86,074	59,781	26,293	17
18	Backbone	8,027	5,316	(2,711)	(2,059)	(652)	18
19	Storage	(1,728)	(4,728)	(3,000)	3,644	(6,644)	19
20	Total 2015 GT&S Late Implementation Amortization <sup>(1)</sup>	96,372	176,735	80,363	61,366	18,998	20
21	<b>Total End Use Gas Transportation RRQ</b>	<b>3,099,315</b>	<b>3,184,760</b>	<b>85,445</b>	<b>65,889</b>	<b>19,557</b>	21
	<b>PUBLIC PURPOSE PROGRAMS (PPP) FUNDING</b>						
22	Energy Efficiency	77,417	77,417	-	-	-	22
23	Energy Savings Assistance	68,858	68,858	-	-	-	23
24	Research and Development and BOE/CPUC Admin Fees	11,133	11,133	-	-	-	24
25	CARE Administrative Expense	3,001	3,001	-	-	-	25
26	Statewide Marketing, Education & Outreach	1,394	1,394	-	-	-	26
27	Total Authorized PPP Funding	161,803	161,803	-	-	-	27
28	PPP Surcharge Balancing Accounts	1,687	1,687	-	-	-	28
29	CARE discount recovered from non-CARE customers	111,590	111,590	-	-	-	29
30	<b>Total PPP Required Funding</b>	<b>275,080</b>	<b>275,080</b>	<b>-</b>	<b>-</b>	<b>-</b>	30
	<b>GAS ACCORD UNBUNDLED COSTS</b>						
31	Backbone Transmission	197,574	203,757	6,183	-	6,183	31
32	Storage	14,563	14,073	(490)	-	(490)	32
33	<b>Total Gas Accord Unbundled</b>	<b>212,137</b>	<b>217,830</b>	<b>5,693</b>	<b>-</b>	<b>5,693</b>	33
34	<b>TOTAL REVENUE REQUIREMENTS</b>	<b>3,586,532</b>	<b>3,677,670</b>	<b>91,138</b>	<b>65,889</b>	<b>25,250</b>	34

## Footnote

1. The 2015 GT&S Late Implementation amount shown in **Column A** are **5 months** of the total 36-months amortization authorized in Ordering Paragraph 1 of D.16-06-056. The amount in **Column B** are **annual** amounts.

## Notes:

A positive balance represents an under-collection. A negative balance represents an over-collection.

**ATTACHMENT 2**  
**PACIFIC GAS AND ELECTRIC COMPANY**

2015 GTS Final Decision D.16-12-010 Effective January 1, 2017 (Illustrative w/GTS changes only)

Line No.	Customer Class	Class Average Rates (\$/th)			
		2015 GT&S Phase 1 Decision D.16-06-056 Effective August 1, 2016	Proposed 1/1/2017 GT&S Only	\$ Change	% Change
<b>1</b>	<b>ILLUSTRATIVE BUNDLED—RETAIL CORE</b>				
2	Residential Non-CARE	\$1.667	\$1.653	(\$0.014)	-0.8%
3	Small Commercial Non-CARE	\$1.152	\$1.138	(\$0.014)	-1.2%
4	Large Commercial	\$0.873	\$0.859	(\$0.015)	-1.7%
5	Uncompressed Core NGV	\$0.704	\$0.689	(\$0.015)	-2.1%
6	Compressed Core NGV	\$2.282	\$2.267	(\$0.015)	-0.7%
<b>7</b>	<b>TRANSPORT ONLY—RETAIL CORE</b>				
8	Residential Non-CARE	\$1.274	\$1.259	(\$0.015)	-1.2%
9	Small Commercial Non-CARE	\$0.780	\$0.765	(\$0.015)	-1.9%
10	Large Commercial	\$0.538	\$0.523	(\$0.015)	-2.8%
11	Uncompressed Core NGV	\$0.371	\$0.356	(\$0.015)	-4.0%
12	Compressed Core NGV	\$1.949	\$1.934	(\$0.015)	-0.8%
<b>13</b>	<b>TRANSPORT ONLY—RETAIL NONCORE</b>				
14	Industrial – Distribution	\$0.314	\$0.307	(\$0.007)	-2.2%
15	Industrial – Transmission	\$0.153	\$0.146	(\$0.007)	-4.5%
16	Industrial – Backbone	\$0.046	\$0.044	(\$0.002)	-3.9%
17	Uncompressed Noncore NGV – Distribution	\$0.294	\$0.287	(\$0.007)	-2.3%
18	Uncompressed Noncore NGV – Transmission	\$0.136	\$0.129	(\$0.007)	-5.1%
19	Electric Generation – Distribution/Transmission	\$0.111	\$0.104	(\$0.007)	-6.2%
20	Electric Generation – Backbone	\$0.013	\$0.011	(\$0.002)	-13.2%
<b>21</b>	<b>TRANSPORT ONLY—WHOLESALE</b>				
22	Alpine Natural Gas (T)	\$0.109	\$0.102	(\$0.007)	-6.5%
23	Coalinga (T)	\$0.109	\$0.102	(\$0.007)	-6.5%
24	Island Energy (T)	\$0.122	\$0.114	(\$0.008)	-6.3%
25	Palo Alto (T)	\$0.107	\$0.100	(\$0.007)	-6.5%
26	West Coast Gas – Castle (D)	\$0.308	\$0.300	(\$0.007)	-2.4%
27	West Coast Gas – Mather (D)	\$0.367	\$0.360	(\$0.007)	-1.9%
28	West Coast Gas – Mather (T)	\$0.111	\$0.103	(\$0.007)	-6.5%

- (1) Present and Proposed rates include the forecasted illustrative procurement rate for 2016 as filed in the 2016 Annual Gas True-Up Advice Letter 3664-G. The Proposed Illustrative rate has been updated with the 2015 GT&S Decision 16-12-010 rates for backbone capacity and storage.
- (2) 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 and cost associated with the California Solar Initiative Program.
- (3) Rates are rounded to 3 decimals for viewing ease. Percentage rate changes are calculated on a 5-digit basis.

**ATTACHMENT 3**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**2015 GTS Final Decision D.16-12-010 Effective January 1, 2017 (Illustrative w/GTS changes only)**  
**AVERAGE END-USER GAS TRANSPORTATION RATES AND PUBLIC PURPOSE PROGRAM SURCHARGES**  
**(\$/th; Annual Class Averages)<sup>(3)</sup>**

Line No.	Customer Class	2015 GT&S Phase 1 Decision D.16-06-056 Effective August 1, 2016			2015 GTS Final Decision D.16-12-010 Effective January 1, 2017 (Illustrative w/GTS changes only)			Percentage Change From January 1, 2016		
		Transportation <sup>(1)</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>	\$1.172	\$ .102	\$1.274	\$1.157	\$ .102	\$1.259	(1.3%)	0.0%	(1.2%)
2	Small Commercial Non-CARE <sup>(4)</sup>	\$ .736	\$ .044	\$ .780	\$ .721	\$ .044	\$ .765	(2.0%)	0.0%	(1.9%)
3	Large Commercial	\$ .435	\$ .103	\$ .538	\$ .420	\$ .103	\$ .523	(3.4%)	0.0%	(2.8%)
4	NGV1 - (uncompressed service)	\$ .347	\$ .024	\$ .371	\$ .332	\$ .024	\$ .356	(4.3%)	0.0%	(4.0%)
5	NGV2 - (compressed service)	\$1.925	\$ .024	\$1.949	\$1.910	\$ .024	\$1.934	(0.8%)	0.0%	(0.8%)
<b>RETAIL NONCORE</b>										
6	Industrial - Distribution	\$ .270	\$ .044	\$ .314	\$ .263	\$ .044	\$ .307	(2.5%)	0.0%	(2.2%)
7	Industrial - Transmission	\$ .121	\$ .032	\$ .153	\$ .114	\$ .032	\$ .146	(5.7%)	0.0%	(4.5%)
8	Industrial - Backbone	\$ .013	\$ .032	\$ .046	\$ .012	\$ .032	\$ .044	(13.4%)	0.0%	(3.9%)
9	Electric Generation - Transmission (G-EG-D/LT)	\$ .111		\$ .111	\$ .104		\$ .104	(6.2%)		(6.2%)
10	Electric Generation - Backbone (G-EG-BB)	\$ .013		\$ .013	\$ .011		\$ .011	(13.2%)		(13.2%)
11	NGV 4 - Distribution (uncompressed service)	\$ .270	\$ .024	\$ .294	\$ .263	\$ .024	\$ .287	(2.5%)	0.0%	(2.3%)
12	NGV 4 - Transmission (uncompressed service)	\$ .111	\$ .024	\$ .136	\$ .104	\$ .024	\$ .129	(6.2%)	0.0%	(5.1%)
<b>WHOLESALE CORE AND NONCORE (G-WSL) (1)</b>										
13	Alpine Natural Gas	\$ .109		\$ .109	\$ .102		\$ .102	(6.5%)		(6.5%)
14	Coalinga	\$ .109		\$ .109	\$ .102		\$ .102	(6.5%)		(6.5%)
15	Island Energy	\$ .122		\$ .122	\$ .114		\$ .114	(6.3%)		(6.3%)
16	Palo Alto	\$ .107		\$ .107	\$ .100		\$ .100	(6.5%)		(6.5%)
17	West Coast Gas - Castle	\$ .308		\$ .308	\$ .300		\$ .300	(2.4%)		(2.4%)
18	West Coast Gas - Mather Distribution	\$ .367		\$ .367	\$ .360		\$ .360	(1.9%)		(1.9%)
19	West Coast Gas - Mather Transmission	\$ .111		\$ .111	\$ .103		\$ .103	(6.5%)		(6.5%)

(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 \$0.00108 per therm). Transport only customers must arrange for their own gas purchases and transportation to PG&E's citygate/local transmission system. All rates reflect 2016 AGT (AL 3664-G) other than for GT&S components.

(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.

**Attachment 4**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**2015 GTS FINAL DECISION D.16-12-010 EFFECTIVE JANUARY 1, 2017 (ILLUSTRATIVE W/GTS CHANGES ONLY)**  
**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)	Industrial			G-NGV 4		Electric Generation	
						Distribution	Transmission	BB-Level Serv.	Distribution	Transmission	Dist./Trans.	BB-Level Serv.
<b>TRANSPORTATION CHARGE COMPONENTS</b>												
1 Local Transmission (1)	\$ .17030	\$ .17030	\$ .17030	\$ .17030	\$ .17030	\$ .07432	\$ .07432	0.00000	0.07432	0.07432	\$ .07432	\$ .00000
2 Self Generation Incentive Program	\$ .00091	\$ .00091	\$ .00091	\$ .00091	\$ .00091	\$ .00091	\$ .00091	0.00091	0.00091	0.00091	\$ .00091	\$ .00091
3 CPUC Fee (3)	\$ .00095	\$ .00095	\$ .00095	\$ .00095	\$ .00095	\$ .00095	\$ .00095	0.00095	0.00095	0.00095	\$ .00004	\$ .00004
4 AB32 Air Resource Board Cost of Implementation Fee (8)	\$ .00108	\$ .00108	\$ .00108	\$ .00108	\$ .00108	\$ .00108	\$ .00108	0.00108	0.00108	0.00108	\$ .00108	\$ .00108
5 AB32 Greenhouse Gas Compliance & Obligation Cost	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000
6 Balancing Accounts (2)	\$ .22183	\$ .12650	\$ .05969	\$ .04015	\$ .39002	\$ .01161	\$ .00907	0.00890	0.01161	0.00890	\$ .00725	\$ .00725
7 2015 GT&S Late Implementation Amortization	\$ .04598	\$ .04598	\$ .04598	\$ .04598	\$ .04598	\$ .01717	\$ .01717	(\$ .00102)	0.01717	0.01717	\$ .01717	(\$ .00102)
8 Distribution - Annual Average (6)	\$ .71577	\$ .31647	\$ .13674	\$ .07153	\$ .130056	\$ .15241	\$ .00943		0.15241		\$ .00296	\$ .00296
<b>9 VOLUMETRIC RATE - Average Annual</b>	\$ 1.15682	\$ .66219	\$ .41565	\$ .33090	\$ 1.90980	\$ .25844	\$ .11292	0.01082	0.25844	0.10333	\$ .10372	\$ .01121
<b>10 CUSTOMER ACCESS CHARGE - Class Average Volumetric Equivalent (4)</b>		\$ .05888	\$ .00449	\$ .00120		\$ .00458	\$ .00097	0.00078	0.00458	0.00097	\$ .00066	\$ .00020
<b>11 CLASS AVERAGE TRANSPORTATION RATE</b>	\$ 1.15682	\$ .72107	\$ .42014	\$ .33210	\$ 1.90980	\$ .26302	\$ .11389	0.01160	0.26302	0.10430	\$ .10438	\$ .01141
<b>12 PUBLIC PURPOSE PROGRAM SURCHARGE/TAX (5)</b>	\$ .10197	\$ .04371	\$ .10273	\$ .02433	\$ .02433	\$ .04379	\$ .03222	0.03222	0.02433	0.02433		
<b>13 END-USE RATE (7)</b>	\$ 1.25879	\$ .76478	\$ .52287	\$ .35643	\$ 1.93413	\$ .30681	\$ .14611	0.04382	0.28735	0.12863	0.10438	0.01141

	Wholesale						
	WC Gas Mather		Island Energy		WC Gas Castle		Program Surcharge (G-PPPS) rates and cost associated with the California Solar Initiative Program.
	Coalinga	Palo Alto	Dist.	Trans.	Alpine		
<b>TRANSPORTATION CHARGE COMPONENTS</b>							
14 Local Transmission (1)	\$ .07432	\$ .07432	\$ .07432	\$ .07432	\$ .07432	\$ .07432	\$ .07432
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	\$ .00000
17 AB32 Air Resource Board Cost of Implementation Fee (8)	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000
18 AB32 Greenhouse Gas Compliance & Obligation Cost	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000	\$ .00000
19 Balancing Accounts (2)	\$ .00717	\$ .00717	\$ .01143	\$ .00717	\$ .00717	\$ .00717	\$ .01038
20 2015 GT&S Late Implementation Amortization	\$ .01717	\$ .01717	\$ .01717	\$ .01717	\$ .01717	\$ .01717	\$ .01717
21 Distribution - Annual Average			\$ .25200			\$ .19031	
<b>22 VOLUMETRIC RATE - Average Annual</b>	\$ .09866	\$ .09866	\$ .35492	\$ .09866	\$ .09866	\$ .09866	\$ .29218
<b>23 CUSTOMER ACCESS CHARGE - Class Average Volumetric Equivalent (4)</b>	\$ .00367	\$ .00097	\$ .00476	\$ .00476	\$ .01536	\$ .00333	\$ .00823
<b>24 CLASS AVERAGE TRANSPORTATION RATE</b>	\$ .10233	\$ .09963	\$ .35969	\$ .10342	\$ .11402	\$ .10199	\$ .3004147
<b>25 PUBLIC PURPOSE PROGRAM SURCHARGE/TAX (5)</b>							
<b>26 END-USE RATE</b>	\$ .10233	\$ .09963	\$ .35969	\$ .10342	\$ .11402	\$ .10199	\$ .30041

NOTES

- (1) Adopted in Decision 16-12-010 based on Appendix J, Table 22
- (2) Based on November 2015 recorded balances and forecasted through December 2015 as filed in PG&E's 2016 Annual Gas True-Up AL 3664-G.
- (3) CPUC Fee based on Resolution M-4828, effective January 1, 2016 (including FF&U). G-EG customers pay a reduced CPUC fee per the 2010 BCAP D.10-06-035.
- (4) Adopted in Decision 16-12-010 based on Appendix J, Table 23.
- (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 3645-G updated PG&E's 2016 PPP Surcharges effective January 1, 2016.
- (6) The G-NGV2 Distribution rate component includes the cost of compression, station operations and maintenance, 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 \$0.00108 per therm
- (9) Rates are unrounded

# Attachment 5

## PACIFIC GAS AND ELECTRIC COMPANY

2015 GTS Final Decision D.16-12-010 Effective January 1, 2017 (Illustrative w/GTS changes only)

### 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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
1	Customer	\$965,444	\$842,322	\$112,252	\$2,402	\$98	\$0	\$957,073	\$5,943	\$338	\$0	\$2,090	\$0	\$0	\$0	\$0	\$8,371
2	+ Distribution	\$801,734	\$559,138	\$180,051	\$7,945	\$1,348	\$0	\$748,482	\$34,234	\$12,985	\$0	\$5,749	\$0	\$157	\$126	\$0	\$53,252
3	+ G-NGV2 Compression Cost	\$2,962	\$0	\$0	\$0	\$0	\$2,962	\$2,962	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Allocation of Base Distribution Franchise Fees	\$24,908	\$19,720	\$4,113	\$146	\$20	\$42	\$24,041	\$565	\$187	\$0	\$110	\$0	\$2	\$2	\$0	\$867
5	Allocation of Base Distribution Uncollectibles Expense	\$6,029	\$4,774	\$996	\$35	\$5	\$10	\$5,820	\$137	\$45	\$0	\$27	\$0	\$0	\$0	\$0	\$209
6	<b>Final Allocation of Distribution Revenue Requirement</b>	<b>\$1,801,076</b>	<b>\$1,425,954</b>	<b>\$297,412</b>	<b>\$10,528</b>	<b>\$1,471</b>	<b>\$3,014</b>	<b>\$1,738,378</b>	<b>\$40,880</b>	<b>\$13,556</b>	<b>\$0</b>	<b>\$7,976</b>	<b>\$0</b>	<b>\$160</b>	<b>\$128</b>	<b>\$0</b>	<b>\$62,698</b>
7	<b>Distribution-Level Revenue Requirement Allocation %</b>	100.00000%	79.17234%	16.51299%	0.58451%	0.08166%	0.16734%	96.51884%	2.26973%	0.75264%	0.00000%	0.44285%	0.00000%	0.00886%	0.00709%	0.00000%	3.48116%
	<i>Total Core Brokerage Fee (w/out F&amp;U)</i>	-6,470															
	<i>With F&amp;U</i>																
	<b>CUSTOMER CLASS COSTS WITHOUT RATE COMPONENTS</b>	<b>TOTAL</b>	<b>Residential*</b>	<b>Small Commercial*</b>	<b>Large Commercial</b>	<b>Core NGV</b>	<b>Compression Cost for G-NGV2</b>	<b>Subtotal Core</b>	<b>Industrial Distribution</b>	<b>Industrial Transmission</b>	<b>Industrial Backbone</b>	<b>Electric Gen</b>	<b>Noncore NGV</b>	<b>WC Gas Mather**</b>	<b>WC Gas Castle**</b>	<b>Other Wholesale</b>	<b>Noncore &amp; Wholesale</b>
8	Core Fixed Cost Acct. Bal. - Distribution Cost Subaccount	\$474,024	\$388,831	\$81,099	\$2,871	\$401	\$822	\$474,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Core Fixed Cost Acct. Bal. - Core Cost Subaccount - ECPT (2016 PSEP)	\$35,310	\$24,502	\$9,653	\$908	\$246	\$0	\$35,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Mobile Home Parks Balancing Account	\$3,125	\$2,474	\$516	\$18	\$3	\$5	\$3,016	\$71	\$24	\$0	\$14	\$0	\$0	\$0	\$0	\$109
11	Noncore Customer Class Charge Account - ECPT	(\$9,683)	\$0	\$0	\$0	\$0	\$0	\$0	(\$567)	(\$3,127)	(\$25)	(\$5,872)	(\$11)	(\$2)	(\$1)	(\$77)	(\$9,683)
12	Noncore Customer Class Charge Account - Distribution Subacct	\$581	\$0	\$0	\$0	\$0	\$0	\$0	\$379	\$126	\$0	\$74	\$0	\$1	\$1	\$0	\$581
13	Gas Leak Survey & Repair Balancing Account	\$8,710	\$6,896	\$1,438	\$51	\$7	\$15	\$8,407	\$198	\$66	\$0	\$39	\$0	\$1	\$1	\$0	\$303
14	SmartMeter™ Opt-Out Balancing Account	\$0	\$0	\$0	\$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)	\$6,113	\$2,524	\$994	\$94	\$25	\$0	\$3,637	\$145	\$799	\$6	\$1,501	\$3	\$1	\$0	\$20	\$2,476
16	Hazardous Substance Balance	\$49,805	\$13,630	\$5,370	\$505	\$137	\$0	\$19,642	\$1,765	\$9,740	\$79	\$18,292	\$35	\$7	\$5	\$241	\$30,163
17	Non-Tariffed Products and Services	(\$73)	(\$51)	(\$20)	(\$2)	(\$1)	\$0	(\$73)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Core Brokerage Fee Credit (Gas Brokerage Costs w/o FF&U)	(\$5,446)	(\$3,779)	(\$1,489)	(\$140)	(\$38)	\$0	(\$5,446)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Core Brokerage Fee Credit (Sales/Marketing Costs w/o FF&U)	(\$1,024)	(\$901)	(\$120)	(\$3)	(\$0)	\$0	(\$1,024)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Affiliate Transfer Fee Account	(\$167)	(\$133)	(\$28)	(\$1)	(\$0)	(\$0)	(\$162)	(\$4)	(\$1)	\$0	(\$1)	\$0	(\$0)	(\$0)	\$0	(\$6)
21	Balancing Charge Account	\$1,527	\$418	\$165	\$15	\$4	\$0	\$602	\$54	\$299	\$2	\$561	\$1	\$0	\$0	\$7	\$925
22	G-10 Procurement-related Employee Discount Allocated	\$811	\$222	\$87	\$8	\$2	\$0	\$320	\$29	\$159	\$1	\$298	\$1	\$0	\$0	\$4	\$491
23	Brokerage Fee Balance Account	\$1,634	\$1,134	\$447	\$42	\$11	\$0	\$1,634	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	Adjust. Mechanism Costs Determined Other Proceedings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	G-10 Procurement-related Employee Discount	(\$811)	(\$811)	\$0	\$0	\$0	\$0	(\$811)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	TID Almond Power Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	RCESBA-G	\$1,607	\$1,273	\$265	\$9	\$1	\$3	\$1,551	\$36	\$12	\$0	\$7	\$0	\$0	\$0	\$0	\$56
28	Gas Operational Cost Balancing Account	\$26	\$7	\$3	\$0	\$0	\$0	\$10	\$1	\$5	\$0	\$9	\$0	\$0	\$1	\$0	\$15
29	Noncore Gas Pipeline Safety Balancing Account	\$6,448	\$0	\$0	\$0	\$0	\$0	\$0	\$377	\$2,082	\$17	\$3,911	\$8	\$1	\$1	\$51	\$6,448
30	GT&S Revenue Sharing Mechanism	\$1,291	\$448	\$176	\$17	\$5	\$0	\$645	\$38	\$208	\$2	\$391	\$1	\$0	\$0	\$5	\$645
31	Core Gas Pipeline Safety Balancing Account	(\$5,836)	(\$4,049)	(\$1,595)	(\$150)	(\$41)	\$0	(\$5,836)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	Self Gen Incentive Program Forecast Period Cost	\$6,505	\$1,789	\$705	\$66	\$18	\$0	\$2,579	\$232	\$1,279	\$10	\$2,401	\$5	\$0	\$0	\$0	\$3,927
	Available	\$0						\$0									\$0
	Available	\$0						\$0									\$0
33	Subtotals of Items Transferred to CFCA and NCA	\$574,476	\$434,423	\$97,666.89	\$4,309.45	\$781.72	\$844	\$538,025	\$2,754.01	\$11,669	\$93	\$21,625	\$41.65	\$9.77	\$6.87	\$251	\$36,451
34	Franchise Fees and Uncoll. Exp. on Items Above	\$10,039	\$7,592	\$1,707	\$75	\$14	\$15	\$9,403	\$48	\$204	\$2	\$378	\$1	\$0	\$0	\$4	\$636
35	Subtotals with FF&U and Other Bal. Acct./Forecast Period Costs	\$584,515	\$442,016	\$99,374	\$4,385	\$795	\$859	\$547,428	\$2,802	\$11,873	\$94	\$22,003	\$42	\$10	\$7	\$255	\$37,087
36	Total of Items Collected via CFCA, NCA, and NDFCA	\$2,385,591	\$1,867,970	\$396,785	\$14,912	\$2,266	\$3,873	\$2,285,806	\$43,682	\$25,429	\$94	\$29,979	\$42	\$170	\$135	\$255	\$99,785
	<b>CUSTOMER CLASS COSTS WITH THEIR OWN RATE COMPONENTS ALLOCATED USING BCAP VOLUMES</b>	<b>TOTAL</b>	<b>Residential*</b>	<b>Small Commercial*</b>	<b>Large Commercial</b>	<b>Core NGV</b>	<b>Compression Cost for G-NGV2</b>	<b>Subtotal Core</b>	<b>Industrial Distribution</b>	<b>Industrial Transmission</b>	<b>Industrial Backbone</b>	<b>Electric Gen</b>	<b>Noncore NGV</b>	<b>WC Gas Mather**</b>	<b>WC Gas Castle**</b>	<b>Other Wholesale</b>	<b>Noncore &amp; Wholesale</b>
37	CEE Incentive	\$1,895	\$1,654	\$220	\$5	\$0	\$0	\$1,879	\$12	\$1	\$0	\$4	\$0	\$0	\$0	\$0	\$16
38	AB32 ARB Implementation Fee	\$5,223	\$2,134	\$841	\$79	\$21	\$0	\$3,075	\$276	\$1,525	\$12	\$328	\$6	\$0	\$0	\$0	\$2,147
39	CA Solar Hot Water Heating	\$7,056	\$2,678	\$1,333	\$125	\$34	\$0	\$4,171	\$438	\$2,418	\$20	\$0	\$9	\$0	\$0	\$0	\$2,885
40	Available	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
41	AB32 GHG Operations Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42	AB32 GHG Compliance Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
43	AB32 Cap & Trade - Allowance Return Residential Customers Only	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
44	CPUC FEE	\$4,390	\$1,870	\$735	\$69	\$19	\$0	\$2,694	\$242	\$1,337	\$11	\$102	\$5	\$0	\$0	\$0	\$1,697
45	Subtotals for Customer Class Charge Items	\$18,565	\$8,336	\$3,130	\$279	\$74	\$0	\$11,819	\$968	\$5,281	\$43	\$434	\$19	\$0	\$0	\$0	\$6,745
46	Franch. Fee and Uncoll. Exp. on Items Above	\$324	\$146	\$55	\$5	\$1	\$0	\$207	\$17	\$92	\$1	\$8	\$0	\$0	\$0	\$0	\$118
47	Subtotals of Other Costs	\$18,889	\$8,482	\$3,184	\$283	\$76	\$0	\$12,026	\$985	\$5,373	\$43	\$442	\$20	\$0	\$0	\$0	\$6,863
48	Allocation of Total Transportation Costs	\$2,404,481	\$1,876,452	\$399,970	\$15,196	\$2,342	\$3,873	\$2,297,832	\$44,667	\$30,802	\$138	\$30,421	\$62	\$170	\$135	\$255	\$106,648
	<b>2015 GT&amp;S LATE IMPLEMENTATION AMORTIZATION ALLOCATED BASED ON 2016 GT&amp;S VOLUMES</b>	<b>TOTAL</b>	<b>Residential*</b>	<b>Small Commercial*</b>	<b>Large Commercial</b>	<b>Core NGV</b>	<b>Compression Cost for G-NGV2</b>	<b>Subtotal Core</b>	<b>Industrial Distribution</b>	<b>Industrial Transmission</b>	<b>Industrial Backbone</b>	<b>Electric Gen</b>	<b>Noncore NGV</b>	<b>WC Gas Mather**</b>	<b>WC Gas Castle**</b>	<b>Other Wholesale</b>	<b>Noncore &amp; Wholesale</b>
49	Available	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50	2015 GT&S Late Impl. Shortfall Amort. LT	\$176,147	\$82,756	\$34,250	\$3,359	\$1,194	\$0	\$121,559	\$4,484	\$28,491	\$0	\$20,891	\$69	\$18	\$12	\$623	\$54,588
51	Available	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
52	2015 GT&S Late Impl. Shortfall Amort. BB	\$5,316	(\$1,201)	(\$497)	(\$49)	(\$17)	\$0	(\$1,764)	\$403	\$2,561	\$30	\$4,022	\$6	\$2	\$1	\$56	\$7,080
53	Available	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54	2015 GT&S Late Impl. Shortfall Amort. Storage	(\$4,728)	\$4,612	\$1,909	\$187	\$67	\$0	\$6,774	(\$655)	(\$4,160)	(\$48)	(\$6,534)	(\$10)	(\$3)	(\$2)	(\$91)	(\$11,502)
55	Subtotal of Late Implementation Amortization Balances	\$176,735	\$86,167	\$35,662	\$3,497	\$1,243	\$0	\$126,570	\$4,232	\$26,892	(\$18)	\$18,379	\$65	\$17	\$11	\$588	\$50,166
56	Net End-User Transportation Excluding LT and CAC	\$2,581,216	\$1,962,619	\$435,632	\$18,693	\$3,585	\$3,873	\$2,424,402	\$48,900	\$57,693	\$119	\$48,800	\$127	\$187	\$146	\$843	\$156,814
	<b>ADOPTED REVENUE REQUIREMENTS ALLOCATIONS FOR GT&amp;S ITEMS IN TRANSPORTATION</b>	<b>TOTAL</b>	<b>Residential*</b>	<b>Small Commercial*</b>	<b>Large Commercial</b>	<b>Core NGV</b>	<b>Compression Cost for G-NGV2</b>	<b>Subtotal Core</b>	<b>Industrial Distribution</b>	<b>Industrial Transmission</b>	<b>Industrial Backbone</b>	<b>Electric Gen</b>	<b>Noncore NGV</b>	<b>WC Gas Mather**</b>	<b>WC Gas Castle**</b>	<b>Other Wholesale</b>	<b>Noncore &amp; Wholesale</b>
57	Local Transmission (w/applied seed value)	691,767	319,117	132,071	12,952	4,604	\$0	468,744	18,320	116,401	\$0	85,353	280	74	47	2,546	223,022
58	Customer Access Charge	2,630	0	0	0	0	\$0	0	0	1,536	14	1,022	5	5	5	47	2,630
59	Total End-User Gas Accord Transportation Costs	694,396	319,117	132,071	12,952	4,604	\$0	468,744	18,320	117,938	\$14	86,375	280	79	52	2,593	225,652
60	Gross End-User Transportation Costs in Rates	3,275,612	2,281,736	567,703	31,645	8,189	3,873	2,893,146	67,220	175,631	133	135,175	407	266	198	3,436	382,466
61	Less Forecast CARE Discount recovered in PPP Surcharges	111,590	111,590					111,590									0

**PACIFIC GAS AND ELECTRIC COMPANY  
ATTACHMENT 5 (continued)**

**2015 GTS Final Decision D.16-12-010 Effective January 1, 2017 (Illustrative w/GTS changes only)  
ALLOCATION OF GAS END-USE TRANSPORTATION REVENUE REQUIREMENTS AND PUBLIC PURPOSE PROGRAM SURCHARGE REVENUES ACROSS CLASSES  
(\$000)**

Line No.	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	WC Gas Mather**	WC Gas Castle**	Other Wholesale	Noncore & Wholesale
63	PPP-EE Surcharge	78,811	62,119	6,322	2,477	0		70,918	2,118	5,729	46		0				7,894
64	PPP-EE Balancing Account	15,771	12,430	1,265	496	0		14,191	424	1,146	9		0				1,580
65	PPP-ESA Surcharge	68,858	54,273	5,523	2,164	0		61,961	1,851	5,006	40		0				6,897
66	PPP-ESA Balancing Account	11,660	9,190	935	367	0		10,492	313	848	7		0				1,168
67	PPP - RD&D Programs	10,735	4,275	1,743	169	46		6,233	582	3,880	31		10				4,503
68	PPP - RD&D Balancing Account	556	221	90	9	2		323	30	201	2		0				233
69	PPP-CARE Discount Allocation Set Annually	111,590	37,936	19,809	1,927	526		60,198	6,639	44,286	358		109				51,392
70	PPP-CARE Administration Expense	3,001	1,020	533	52	14		1,619	179	1,191	10		3				1,382
71	PPP-CARE Balancing Account	(26,300)	(8,941)	(4,669)	(454)	(124)		(14,188)	(1,565)	(10,437)	(84)		(26)				(12,112)
72	PPP-Admin Cost for BOE and CPUC	396	158	65	6	2		231	22	144	1		0				167
73	Subtotal of Public Purpose Program Surcharges	\$275,080	\$172,682	\$31,617	\$7,212	\$466	\$0	\$211,977	\$10,592	\$51,993	\$421	\$0	\$97	\$0	\$0	\$0	\$63,103

Line No.	ILLUSTRATIVE ALLOCATION OF GAS PROCUREMENT REVENUE REQUIREMENTS	TOTAL	Residential*	Small Commercial*	Large Commercial	Core NGV	Subtotal Core
74	Illustrative Core Bundled Cost of Gas, Shrinkage, and FF&U	665,798	500,806	147,296	12,582.28	5,113	665,798
75	Illustrative Interstate and Canadian Capacity Charges	155,232	122,808	30,120	1,652.88	651	155,232
76	Intrastate Volumetric and Backbone (applied seed value)	116,932	91,556	23,354	1,446.99	576	116,932
77	Cycled Carrying Cost of Gas in Storage	1,662	1,250	368	31.41	13	1,662
78	Core Storage and Noncycled Carrying Cost of Gas in Storage	74,738	58,938	14,606	864.72	329	74,738
79	Brokerage Fees	6,583	4,952	1,456	124.40	51	6,583
80	GT&S Backbone Seed Value for Reconciliation to RRQ	0					
80	Total Authorized Illustrative Procurement RRQ	\$1,020,944	\$780,310	\$217,200	\$16,703	\$6,732	\$0

74	Unbundled Gas Transmission and Storage Revenue Requirement	\$217,829															
	<b>Transportation Only</b>	<b>Total RRQ</b>	<b>2,342,828</b>	<b>599,320</b>	<b>38,858</b>	<b>8,655</b>	<b>3,873</b>	<b>2,993,533</b>	<b>77,813</b>	<b>227,624</b>	<b>554</b>	<b>135,175</b>	<b>504</b>	<b>266</b>	<b>198</b>	<b>3,436</b>	<b>445,569</b>
	<b>TOTAL GAS REVENUE REQUIREMENT AND PPPS FUNDING REQUIREMENT IN RATES</b>																
75	Total Transportation, PPPS, and Unbundled Costs	3,656,931	(Total of lines 64, 77, and 78)														
76	Cross-check with Gas Revenue Requirement Table	3,677,670	Attachment 1 Row 29 plus Procurement RRQ														
77	Difference	20,739															
78	Reconciliation Due to Local Transmission Seed Credit	20,737															
79	Difference	-2	(Off due to rounding in Attachment 1)														

\* Residential and Small Commercial Classes are 100% deaveraged as of April 2015 per D.10-06-035 implemented with AL 3578-G  
 \*\* Wholesale Customer West Coast Gas is allocated 100% of its full distribution costs as of January 2015.

# **ATTACHMENT 6**

## **RATES**

**ATTACHMENT 6**  
Pacific Gas and Electric Company  
2015 Gas Transmission and Storage Rate Case (2015 GT&S)  
**Rates**

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**PACIFIC GAS AND ELECTRIC COMPANY**

**2015 GAS TRANSMISSION AND STORAGE RATE CASE  
 D.16-12-010**

**GT&S Revenue Requirement - No \$30M Seed Credit Value  
 For Revenue Responsibility and Reporting  
Including Core and Noncore Revenue Responsibility  
 (\$ Thousand)**

Line No.	Description	GA V + PSEP	2015 Gas Transmission & Storage Rate Case			
		2014	2015	2016	2017	2018
<b>Core Revenue Requirements</b>						
1	Backbone Transmission Base	96,208	80,285	111,543	120,433	130,370
2	Backbone Transmission Adders	-	-	-	-	-
3	Subtotal Backbone Transmission	96,208	80,285	111,543	120,433	130,370
4	Local Transmission Base	130,693	340,549	453,229	482,795	536,850
5	Local Transmission Adder	4,646	-	-	-	-
6	Subtotal Local Transmission	135,339	340,549	453,229	482,795	536,850
7	Storage	50,603	59,922	72,895	74,738	76,868
8	Customer Access Charge	-	-	-	-	-
9	Total Core Gas Accord V	282,150	\$480,756	\$637,667	\$677,966	\$744,087
10	Pipeline Safety Enhancement Plan Decision	106,634				
11	Total Core	388,784	\$480,756	\$637,667	\$677,966	\$744,087
12	Core Share of Revenue Requirement	52.8%	58.9%	60.0%	60.1%	60.4%
<b>Noncore / Unbundled Revenue Requirements</b>						
13	Backbone Trans. Base w/o G-XF Contracts	129,574	142,116	185,222	197,855	211,111
14	Backbone Transmission Adders	-	-	-	-	-
15	Subtotal Backbone Transmission	129,574	142,116	185,222	197,855	211,111
16	G-XF Contracts	5,831	5,237	5,986	5,902	5,972
17	G-XF Contract Adders	-	-	-	-	-
18	G-XF Contracts Subtotal	5,831	5,237	5,986	5,902	5,972
19	Subtotal Backbone Transmission	135,405	147,353	191,208	203,757	217,083
20	Local Transmission Base	74,223	171,686	217,058	229,708	255,490
21	Local Transmission Adder	2,638	-	-	-	-
22	Subtotal Local Transmission	76,861	171,686	217,058	229,708	255,490
23	Storage	34,980	13,454	14,534	14,073	13,783
24	Customer Access Charge	5,026	2,524	2,770	2,630	2,507
25	Total Noncore / Unbundled	\$252,271	\$335,017	\$425,570	\$450,167	\$488,863
26	Pipeline Safety Enhancement Plan Decision	74,324				
27	Total Noncore/Unbundled	326,596	\$335,017	\$425,570	\$450,167	\$488,863
28	Noncore Share of Revenue Requirement	47.2%	41.1%	40.0%	39.9%	39.6%
<b>Total</b>						
29	Backbone Transmission Base w/o G-XF Contracts	225,781	222,401	296,766	318,288	341,481
30	Backbone Transmission Adders	-	-	-	-	-
31	Subtotal Backbone Trans. w/o G-XF Contracts	\$225,781	222,401	296,766	318,288	341,481
32	G-XF Contracts	5,831	5,237	5,986	5,902	5,972
33	G-XF Contract Adders	-	-	-	-	-
34	G-XF Contracts Subtotal	5,831	5,237	5,986	5,902	5,972
35	Subtotal Backbone Transmission	231,612	227,638	302,751	324,189	347,453
36	Local Transmission Base	204,916	512,235	670,287	712,503	792,339
37	Local Transmission Adder	7,284	-	-	-	-
38	Subtotal Local Transmission	212,200	512,235	670,287	712,503	792,339
39	Storage	85,583	73,376	87,429	88,810	90,651
40	Customer Access Charge	5,026	2,524	2,770	2,630	2,507
41	Total GT&S	534,421	\$815,773	\$1,063,237	\$1,128,133	\$1,232,950
42	Pipeline Safety Enhancement Plan Decision	180,958				
43	Total Gas Transmission and Storage System	715,380	\$815,773	\$1,063,237	\$1,128,133	\$1,232,950
44	Total Revenue Requirement Share	100.0%	100.0%	100.0%	100.0%	100.0%

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**  
**Adopted with GTSRSM \$30 Million Seed Value Credited to Rates**  
**D.16-12-010 APPENDIX J: Table 14 (Updated)**

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

		<b>2015 GT&amp;S Rates</b>			
		<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b><u>Redwood Path - Core (a)</u></b>					
Reservation Charge	(\$/dth/mo)	7.0280	10.0133	10.8639	11.8245
Usage Charge	(\$/dth)	0.0007	0.0009	0.0010	0.0010
Total (b)	(\$/dth @ Full Contract)	0.2318	0.3301	0.3581	0.3898
<b><u>Baja Path - Core (a)</u></b>					
Reservation Charge	(\$/dth/mo)	8.2409	11.2266	12.0773	13.0380
Usage Charge	(\$/dth)	0.0008	0.0010	0.0011	0.0011
Total (b)	(\$/dth @ Full Contract)	0.2718	0.3701	0.3981	0.4298
<b><u>Redwood Path - Noncore</u></b>					
Reservation Charge	(\$/dth/mo)	8.6874	11.7521	12.7181	13.6814
Usage Charge	(\$/dth)	0.0007	0.0009	0.0009	0.0010
Total (b)	(\$/dth @ Full Contract)	0.2863	0.3872	0.4190	0.4508
<b><u>Baja Path - Noncore</u></b>					
Reservation Charge	(\$/dth/mo)	9.9012	12.9660	13.9322	14.8954
Usage Charge	(\$/dth)	0.0008	0.0010	0.0010	0.0010
Total (b)	(\$/dth @ Full Contract)	0.3263	0.4272	0.4590	0.4908
<b><u>Silverado and Mission Paths</u></b>					
Reservation Charge	(\$/dth/mo)	5.3403	7.3253	7.9195	8.5814
Usage Charge	(\$/dth)	0.0006	0.0007	0.0007	0.0008
Total (b)	(\$/dth @ Full Contract)	0.1762	0.2415	0.2611	0.2829

**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 difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**  
**Adopted with GTSRSM \$30 Million Seed Value Credited to Rates**  
**D.16-12-010 APPENDIX J: Table 15 (Updated)**

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

		<b>2015 GT&amp;S Rates</b>			
		<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b><u>Redwood Path - Core (a)</u></b>					
Reservation Charge	(\$/dth/mo)	5.0134	7.9078	8.6119	9.1607
Usage Charge	(\$/dth)	0.0669	0.0701	0.0750	0.0886
Total	(\$/dth @ Full Contract)	0.2318	0.3301	0.3581	0.3898
<b><u>Baja Path - Core (a)</u></b>					
Reservation Charge	(\$/dth/mo)	5.8786	8.8660	9.5737	10.1008
Usage Charge	(\$/dth)	0.0785	0.0786	0.0834	0.0977
Total	(\$/dth @ Full Contract)	0.2718	0.3701	0.3981	0.4298
<b><u>Redwood Path - Noncore</u></b>					
Reservation Charge	(\$/dth/mo)	5.7370	8.7534	9.6105	10.1813
Usage Charge	(\$/dth)	0.0977	0.0995	0.1031	0.1160
Total	(\$/dth @ Full Contract)	0.2863	0.3872	0.4190	0.4508
<b><u>Baja Path - Noncore</u></b>					
Reservation Charge	(\$/dth/mo)	6.5385	9.6576	10.5279	11.0848
Usage Charge	(\$/dth)	0.1113	0.1097	0.1129	0.1263
Total	(\$/dth @ Full Contract)	0.3263	0.4272	0.4590	0.4908
<b><u>Silverado and Mission Paths</u></b>					
Reservation Charge	(\$/dth/mo)	3.6008	5.5574	6.0571	6.4307
Usage Charge	(\$/dth)	0.0578	0.0588	0.0620	0.0715
Total	(\$/dth @ Full Contract)	0.1762	0.2415	0.2611	0.2829

**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 difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**  
**Adopted with GTSRSM \$30 Million Seed Value Credited to Rates**  
**D.16-12-010 APPENDIX J: Table 16 (Updated)**

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

		<b>2015 GT&amp;S Rates</b>			
		<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b><u>Redwood Path</u></b>					
Reservation Charge	(\$/dth/mo)	10.4249	14.1025	15.2618	16.4176
Usage Charge	(\$/dth)	0.0008	0.0011	0.0011	0.0012
Total	(\$/dth @ Full Contract)	0.3436	0.4647	0.5028	0.5409
<b><u>Baja Path - Core (a)</u></b>					
Reservation Charge	(\$/dth/mo)	9.8891	13.4719	14.4928	15.6456
Usage Charge	(\$/dth)	0.0010	0.0012	0.0013	0.0013
Total	(\$/dth @ Full Contract)	0.3261	0.4442	0.4778	0.5157
<b><u>Baja Path - Noncore</u></b>					
Reservation Charge	(\$/dth/mo)	11.8814	15.5592	16.7186	17.8745
Usage Charge	(\$/dth)	0.0009	0.0012	0.0012	0.0013
Total	(\$/dth @ Full Contract)	0.3916	0.5127	0.5508	0.5889
<b><u>Silverado and Mission Paths</u></b>					
Reservation Charge	(\$/dth/mo)	6.4084	8.7903	9.5034	10.2977
Usage Charge	(\$/dth)	0.0007	0.0009	0.0009	0.0009
Total	(\$/dth @ Full Contract)	0.2114	0.2899	0.3133	0.3395

**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 difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**  
**Adopted with GTSRSM \$30 Million Seed Value Credited to Rates**  
**D.16-12-010 APPENDIX J: Table 17 (Updated)**

**PACIFIC GAS AND ELECTRIC COMPANY**

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

		<b>2015 GT&amp;S Rates</b>			
		<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b><u>Redwood Path</u></b>					
Reservation Charge	(\$/dth/mo)	6.8844	10.5041	11.5326	12.2175
Usage Charge	(\$/dth)	0.1172	0.1194	0.1237	0.1392
Total	(\$/dth @ Full Contract)	0.3436	0.4647	0.5028	0.5409
<b><u>Baja Path - Core (a)</u></b>					
Reservation Charge	(\$/dth/mo)	7.0543	10.6392	11.4885	12.1209
Usage Charge	(\$/dth)	0.0942	0.0944	0.1000	0.1172
Total	(\$/dth @ Full Contract)	0.3261	0.4442	0.4778	0.5157
<b><u>Baja Path - Noncore</u></b>					
Reservation Charge	(\$/dth/mo)	7.8463	11.5891	12.6335	13.3017
Usage Charge	(\$/dth)	0.1336	0.1317	0.1355	0.1516
Total	(\$/dth @ Full Contract)	0.3916	0.5127	0.5508	0.5889
<b><u>Silverado and Mission Paths</u></b>					
Reservation Charge	(\$/dth/mo)	4.3209	6.6689	7.2685	7.7168
Usage Charge	(\$/dth)	0.0693	0.0706	0.0744	0.0858
Total	(\$/dth @ Full Contract)	0.2114	0.2899	0.3133	0.3395

**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 difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)  
 Adopted with GTSRSM \$30 Million Seed Value Credited to Rates  
 D.16-12-010 APPENDIX J: Table 18 (Updated)**

**PACIFIC GAS AND ELECTRIC COMPANY**

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

			2015	2015 GT&S Rates 2016	2017	2018
<b><u>Redwood Path</u></b>						
Usage Charge	(\$/dth)		0.3436	0.4647	0.5028	0.5409
<b><u>Baja Path</u></b>						
Usage Charge	(\$/dth)		0.3916	0.5127	0.5508	0.5889
<b><u>Silverado Path</u></b>						
Usage Charge	(\$/dth)		0.2114	0.2899	0.3133	0.3395
<b><u>Mission Path</u></b>						
Usage Charge	(\$/dth)		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 difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**  
**Adopted with GTSRSM \$30 Million Seed Value Credited to Rates**  
**D.16-12-010 APPENDIX J: Table 19 (Updated)**

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

		<u>2015</u>	<u>2015 GT&amp;S Rates</u>		<u>2018</u>
			<u>2016</u>	<u>2017</u>	
<b>SFV Rate Design</b>					
<b>Redwood, Silverado and Mission Paths Off-System</b>					
Reservation Charge	(\$/dth/mo)	8.6874	11.7521	12.7181	13.6814
Usage Charge	(\$/dth)	0.0007	0.0009	0.0009	0.0010
Total	(\$/dth @ Full Contract)	0.2863	0.3872	0.4190	0.4508
<b>Baja Path Off-System</b>					
Reservation Charge	(\$/dth/mo)	9.9012	12.9660	13.9322	14.8954
Usage Charge	(\$/dth)	0.0008	0.0010	0.0010	0.0010
Total	(\$/dth @ Full Contract)	0.3263	0.4272	0.4590	0.4908
<b>MFV Rate Design</b>					
<b>Redwood, Silverado and Mission Paths Off-System</b>					
Reservation Charge	(\$/dth/mo)	5.7370	8.7534	9.6105	10.1813
Usage Charge	(\$/dth)	0.0977	0.0995	0.1031	0.1160
Total	(\$/dth @ Full Contract)	0.2863	0.3872	0.4190	0.4508
<b>Baja Path Off-System</b>					
Reservation Charge	(\$/dth/mo)	6.5385	9.6576	10.5279	11.0848
Usage Charge	(\$/dth)	0.1113	0.1097	0.1129	0.1263
Total	(\$/dth @ Full Contract)	0.3263	0.4272	0.4590	0.4908
<b>As-Available Service</b>					
<b>Redwood, Silverado, and Mission Paths, (From Citygate) Off-System - Noncore</b>					
Usage Charge	(\$/dth)	0.3436	0.4647	0.5028	0.5409
<b>Mission Paths (From on-system storage) Off-System</b>					
Usage Charge	(\$/dth)	0.0000	0.0000	0.0000	0.0000
<b>Baja Path Off-System - Noncore</b>					
Usage Charge	(\$/dth)	0.3916	0.5127	0.5508	0.5889

**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 difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**  
**Adopted with GTSRSM \$30 Million Seed Value Credited to Rates**  
**D.16-12-010 APPENDIX J: Table 20 (Updated)**

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

		2015 GT&S Rates			
		2015	2016	2017	2018
<b>SFV Rate Design</b>					
Reservation Charge	(\$/dth/mo)	5.0824	5.8086	5.7271	5.7955
Usage Charge	(\$/dth)	0.0001	0.0001	0.0001	0.0001
Total	(\$/dth @ Full Contract)	0.1672	0.1911	0.1884	0.1906

**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 difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**  
**Adopted with GTSRSM \$30 Million Seed Value Credited to Rates**  
**D.16-12-010 APPENDIX J: Table 21 (Updated)**  
**PACIFIC GAS AND ELECTRIC COMPANY**  
**Storage Service Rates**

		<b>2015 GT&amp;S Rates</b>			
		<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b><u>Core Firm Storage (G-CFS)</u></b>					
Reservation Charge	(\$/dth/mo)	\$0.1492	\$0.1815	\$0.1860	\$0.1913
<b><u>Standard Firm Storage (G-SFS)</u></b>					
Reservation Charge	(\$/dth/mo)	\$0.2891	\$0.3123	\$0.3024	\$0.2962
<b><u>Negotiated Firm Storage (G-NFS)</u></b>					
Injection	(\$/dth/d)	\$5.5869	\$6.0354	\$5.8437	\$5.7236
Inventory	(\$/dth)	\$3.4692	\$3.7477	\$3.6287	\$3.5541
Withdrawal	(\$/dth/d)	\$25.5380	\$27.5884	\$26.7122	\$26.1629
<b><u>Negotiated As-Available Storage (G-NAS) - Maximum Rate</u></b>					
Injection	(\$/dth/d)	\$5.5869	\$6.0354	\$5.8437	\$5.7236
Withdrawal	(\$/dth/d)	\$25.5380	\$27.5884	\$26.7122	\$26.1629
<b><u>Market Center Services (Parking and Lending Services)</u></b>					
Maximum Daily Charge (\$/Dth/d)		\$1.1491	\$1.2328	\$1.1942	\$1.1650
Minimum Rate (per transaction)		\$57.00	\$57.00	\$57.00	\$57.00

**Notes:**

- a) Rates for storage services are based on the costs of storage injection, inventory and withdrawal.
- b) 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 of injection, inventory and withdrawal storage.
- c) 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.
- d) Negotiated As-Available Storage Injection and Withdrawal rates are recovered through a volumetric charge only.
- e) Negotiated rates (NFS and NAS) are capped at the price which will collect 100 percent of PG&E's total revenue requirement for the unbundled storage program under all three subfunctions (e.g. inventory, injection, or withdrawal). The maximum rates are based on a rate design assuming an average injection period of 30 days and an average withdrawal period of 7 days.
- f) Negotiated Firm and As-available services are negotiable above a price floor representing PG&E's marginal costs of providing the service.
- g) 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.
- h) Gas Storage shrinkage will be applied in-kind on storage injections.
- i) Dollar difference are due to rounding.

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)  
 Adopted with GTSRSM \$30 Million Seed Value Credited to Rates  
 D.16-12-010 APPENDIX J: Table 22 (Updated)**

**PACIFIC GAS AND ELECTRIC COMPANY  
 Local Transmission Rates  
 \$/dth**

<b>Customer Groups</b>	<b>2015</b>	<b>2015 GT&amp;S Rates</b>		<b>2018</b>
		<b>2016</b>	<b>2017</b>	
Core Retail Local Transmission	1.1811	1.5900	1.7030	1.8988
Noncore Retail and Wholesale	0.5271	0.6921	0.7432	0.8286

**Notes:**  
 Allocation Method: Cold-Year Coincident Peak Month (December)

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**

**Adopted**

**D.16-12-010 APPENDIX J: Table 23 (Updated)**

**PACIFIC GAS AND ELECTRIC COMPANY**

**Customer Access Charge Rates**

(\$ per Month)

		2015 GT&S Rates			
		2015	2016	2017	2018
<b><u>G-EG / G-NT (\$/month)</u></b>					
	(Therms/Month)				
Tier 1	0 to 5,000	\$33.95	\$37.26	\$35.37	\$33.73
Tier 2	5,001 to 10,000	\$101.12	\$110.99	\$105.37	\$100.46
Tier 3	10,001 to 50,000	\$188.21	\$206.58	\$196.11	\$186.98
Tier 4	50,001 to 200,000	\$247.01	\$271.11	\$257.37	\$245.39
Tier 5	200,001 to 1,000,000	\$358.39	\$393.35	\$373.42	\$356.04
Tier 6	1,000,001 and above	\$3,040.06	\$3,336.65	\$3,167.59	\$3,020.14
<b><u>Wholesale (\$/month)</u></b>					
	Alpine	\$162.58	\$178.44	\$169.40	\$161.51
	Coalinga	\$719.02	\$789.17	\$749.18	\$714.31
	Island Energy	\$487.17	\$534.70	\$507.61	\$483.98
	Palo Alto	\$2,397.40	\$2,631.30	\$2,497.97	\$2,381.70
	West Coast Gas - Castle	\$417.68	\$458.43	\$435.20	\$414.94
	West Coast Gas - Mather	\$381.70	\$418.94	\$397.71	\$379.20

**2015 Gas Transmission and Storage Rate Case (2015 GT&S)**

**Adopted**

**D.16-12-010 APPENDIX J: Table 24 (Updated)**

**PACIFIC GAS AND ELECTRIC COMPANY  
Self Balancing Credit**

	<u>Interim 2015 &amp; 2016</u>		<u>2015</u>	<u>2015 GT&amp;S Rates 2016</u>	<u>2017</u>	<u>2018</u>
<b>Self Balancing Credit</b>	(\$0.0135)		(\$0.0159)	(\$0.0191)	(\$0.0195)	(\$0.0200)

**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.

**ATTACHMENT 7  
Advice 3788-G**

<b>Cal P.U.C. Sheet No.</b>	<b>Title of Sheet</b>	<b>Cancelling Cal P.U.C. Sheet No.</b>
33078-G	GAS PRELIMINARY STATEMENT PART C GAS ACCOUNTING TERMS & DEFINITIONS Sheet 1	32747-G
33079-G	GAS PRELIMINARY STATEMENT PART C GAS ACCOUNTING TERMS & DEFINITIONS Sheet 8	32752-G
33080-G	GAS PRELIMINARY STATEMENT PART C GAS ACCOUNTING TERMS & DEFINITIONS Sheet 11	32754-G
33081-G	GAS PRELIMINARY STATEMENT PART CL TRANSMISSION INTEGRITY MANAGEMENT PROGRAM BALANCING ACCOUNT Sheet 1	32802-G
33082-G	GAS PRELIMINARY STATEMENT PART CL TRANSMISSION INTEGRITY MANAGEMENT PROGRAM BALANCING ACCOUNT Sheet 2	32803-G
33083-G	GAS PRELIMINARY STATEMENT PART CL TRANSMISSION INTEGRITY MANAGEMENT PROGRAM BALANCING ACCOUNT Sheet 3	32804-G
33084-G	GAS PRELIMINARY STATEMENT PART DR HYDROSTATIC STATION TESTING MEMORANDUM ACCOUNT (HSTMA) Sheet 1	32810-G
33085-G	GAS SCHEDULE G-AA AS AVAILABLE TRANSPORTATION ON-SYSTEM Sheet 2	32762-G
33086-G	GAS SCHEDULE G-AAOFF AS-AVAILABLE TRANSPORTATION OFF- SYSTEM Sheet 2	32763-G

**ATTACHMENT 7  
Advice 3788-G**

<b>Cal P.U.C. Sheet No.</b>	<b>Title of Sheet</b>	<b>Cancelling Cal P.U.C. Sheet No.</b>
33087-G	GAS SCHEDULE G-AFT ANNUAL FIRM TRANSPORTATION ON-SYSTEM Sheet 2	32764-G
33088-G	GAS SCHEDULE G-AFTOFF ANNUAL FIRM TRANSPORTATION OFF- SYSTEM Sheet 2	32765-G
33089-G	GAS SCHEDULE G-BAL GAS BALANCING SERVICE FOR INTRASTATE TRANSPORTATION CUSTOMERS Sheet 4	32766-G
33090-G	GAS SCHEDULE G-CFS CORE FIRM STORAGE Sheet 1	32817-G
33091-G	GAS SCHEDULE G-LEND MARKET CENTER LENDING SERVICES Sheet 1	32769-G
33092-G	GAS SCHEDULE G-NAS NEGOTIATED AS-AVAILABLE STORAGE SERVICE Sheet 1	32771-G
33093-G	GAS SCHEDULE G-NFS NEGOTIATED FIRM STORAGE SERVICE Sheet 1	32772-G
33094-G	GAS SCHEDULE G-PARK MARKET CENTER PARKING SERVICES Sheet 1	32777-G
33095-G	GAS SCHEDULE G-SFS STANDARD FIRM STORAGE SERVICE Sheet 1	32778-G
33096-G	GAS SCHEDULE G-SFT SEASONAL FIRM TRANSPORTATION ON- SYSTEM ONLY Sheet 2	32779-G

**ATTACHMENT 7  
Advice 3788-G**

<b>Cal P.U.C. Sheet No.</b>	<b>Title of Sheet</b>	<b>Cancelling Cal P.U.C. Sheet No.</b>
33097-G	GAS SCHEDULE G-XF PIPELINE EXPANSION FIRM INTRASTATE TRANSPORTATION SERVICE Sheet 1	32781-G
33098-G	GAS TABLE OF CONTENTS Sheet 1	33044-G
33099-G	GAS TABLE OF CONTENTS Sheet 2	33072-G
33100-G	GAS TABLE OF CONTENTS Sheet 3	33048-G
33101-G	GAS TABLE OF CONTENTS Sheet 4	33074-G
33102-G	GAS TABLE OF CONTENTS Sheet 5	33045-G
33103-G	GAS TABLE OF CONTENTS Sheet 6	32815-G



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

Sheet 1

C. GAS ACCOUNTING TERMS AND DEFINITIONS

These accounting terms and definitions are used in the authorized gas revenue requirements and surcharge funding as well as the accounting procedure descriptions that follow in this Preliminary Statement. They are consistent with and apply to PG&E's Gas Rate Schedules and Rules. Additional definitions can be found in Rule 1.

1. BALANCING ACCOUNT: In the context of this tariff, a balancing account is an account in which:
  - a. expenses are compared with revenues from rates designed to recover those expenses, or
  - b. forecast expenses are compared with recorded expenses, or
  - c. forecast revenues are compared with recorded revenues, or
  - d. authorized funding is compared to surcharge amounts.

The resulting under- or overcollection, plus interest, is recorded on PG&E's financial statements as an asset or liability, which is owed from or due to the ratepayers. Balances in balancing accounts, plus interest, are to be amortized in rates.

**BASE REVENUE AND AUTHORIZED FUNDING AMOUNTS:** The GRC Distribution Base Revenue Amount is the annual operating revenue, less other operating revenue adopted in the General Rate Case (GRC) or other proceedings.

Adjustments and credits to GRC Base Revenues were approved in various CPUC decisions. In Decision 05-06-029, the CPUC adopted specific levels of Enhanced Oil Recovery (EOR) revenue. In Decision 04-12-050, the CPUC revised the core brokerage fee authorized in Decision 97-08-055. Adjustments for G-10 employee discounts are revised when the CPUC authorizes revisions to illustrative residential core procurement rates in the BCAP or other proceedings. The currently effective GRC Distribution Base Revenue Amount (with adjustments and credits) is shown in Table C.2.

The Gas Transmission and Storage (GT&S) Base Revenues are comprised of Local Transmission, Backbone Transmission, Storage and transmission-level customer access adopted in GT&S Decision 16-12-010. The currently effective GT&S Revenue Requirement is shown in Table C.2. (T)

The Public Purpose Program (PPP) authorized funding includes amounts for Energy Efficiency (EE) and Low Income Energy Efficiency (LIEE) Programs, public interest Research, Development and Demonstration (RD&D), State Board of Equalization (BOE) and CPUC Surcharge Administration Fees, California Alternate Rates for Energy (CARE) Administrative Expenses and CARE shortfall. PPP-authorized funding and the subsidy for CARE customers are recovered through the gas PPP surcharge, as authorized by Public Utilities Code Sections 890-900, Resolution G-3303 and Decision 04-08-010.\* The currently authorized PPP funding amounts are shown in Table C.2.

\* Decision 04-08-010 determined that franchise fees and uncollectible accounts expense (FF&U) should not be included in the calculation of gas PPP surcharges.

(Continued)



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

Sheet 8

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

10. REVENUE REQUIREMENT (Cont'd.)

c. Transportation Revenue Requirement (Cont'd.)

- 8) Customer Energy Efficiency Incentive Account (CEEIA) Balance: This is the forecast revision-date balance in the CEEIA, as described in Preliminary Statement, Part Y, based on the latest recorded data available.
- 9) Core Brokerage Fee Balancing Account (CBFA) Balance: This is the forecast revision-date balance in the CBFA described in Preliminary Statement, Part U, based on the latest recorded data available.
- 10) Affiliate Transfer Fees Account (ATFA) Balance: This is the forecast revision-date balance in the ATFA described in Preliminary Statement Part Q, based on the latest recorded data available.
- 11) Self-Generation Program Memorandum Account (SGIP) Balance: This is the forecast revision-date balance in the SGIP described in Preliminary Statement, Part AW, based on the latest recorded data available.
- 12) Gas Reimbursable Fees Balancing Account (GRFBA) Balance: This is the forecast revision-date balance in the GRFBA described in Preliminary Statement Part BF, based on the latest recorded data available.
- 13) Franchise Fees and Uncollectible Accounts Expense (F&U): The amount to be added for F&U shall be determined by multiplying the sum of Sections C.10.c.4.a through C.10.c.13, above, by the applicable F&U factor.
- 14) Transmission Integrity Management Program Balancing Account (TIMPBA) Balance: This is the forecast revision-date balance in the TIMPBA described in Preliminary Statement Part CL, based on the latest recorded data available. (T)
- 15) Electricity Cost Balancing Account (ECBA) Balance: This is the forecast revision-date balance in the ECBA described in Preliminary Statement Part CM, based on the latest recorded data available.
- 16) Adjustment Mechanism for Costs Determined in Other Proceedings (AMCDOP) Balance: This is the forecast revision date balance in the AMCDOP described in Preliminary Statement Part CO, based on the latest recorded data available.
- 17) Gas Transmission & Storage Revenue Sharing Mechanism (GTSRSM) Balance: This is the forecast revision-date balance in the GTSRSM described in Preliminary Statement Part CP, based on the latest recorded data available.

(Continued)



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

Sheet 11

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

12. REVISION DATES: PG&E's application for the Biennial Cost Allocation Proceeding (BCAP) shall be filed based on a schedule set forth by the CPUC. PG&E's Procurement rate shall be updated monthly.

a. Core Procurement Rate Change

Per Decision 97-10-065, an advice filing to change core procurement rates will be filed monthly. The filing will update certain forecasted procurement costs and the amortization component of the procurement rate. PG&E will continue to provide a Weighted Average Cost of Gas (WACOG) forecast in its BCAP for ratemaking purposes.

Per Decision 03-12-008, noncore customers switching to core service are subject to a crossover procurement rate, as specified in Schedule G-CPX, for the first twelve (12) regular monthly billing periods. Schedule G-CPX is filed by advice letter monthly.

b. Annual Gas True-up of Balancing Accounts (AGT)

Per Decision 05-06-029, an advice filing to change core and noncore transportation rates will be filed 45 days prior to the end of each calendar year for rates effective January 1. The filing will update the customer class charge components of transportation rates to recover all transportation-related balancing and memorandum account balances for costs that the Commission has authorization to be recovered in rates.

To determine the change in the customer charge components of transportation rates, PG&E will rely on the following:

- 1) The December 31 forecasted balance for each transportation balancing and memorandum account to be updated in the AGT will be determined based on the most recent recorded balance plus a forecast of the costs and revenues, including interest, through December 31. The exceptions are the GTSRSM balance (see 10.c), which will be determined on a recorded basis as of September 30 of each year during the GT&S term (January 1, 2015 through December 31, 2018); and the TIMPBA balance (see 10.c.), which will not be determined annually, but will be determined in aggregate for the GT&S four-year term ending December 31, 2018. (T)
- 2) The customer class charge components will be calculated by dividing the balancing account balances as determined in 12.b.1 above by the annual average adjusted BCAP throughput. For four balancing accounts, the balance will first be allocated to the Core and Noncore classes, as described below, then divided by the Core and Noncore annual average adjusted BCAP throughput.
  - i) TID Almond Power Plant Balancing Account (TIDBA) - - Allocate balance to Core and Noncore classes based on Cold-year January throughput.
  - ii) Transmission Integrity Management Program Balancing Account (TIMPBA) - - Allocate balance 50% to Core and 50% to Noncore. (T)
  - iii) Adjustment Mechanism for Costs Determined in Other Proceedings (AMCDOP) - - Allocate balance 50% to Core and 50% to Noncore.
  - iv) Gas Transmission & Storage Revenue Sharing Mechanism (GTSRSM) -- Allocate balance 50% to Core and 50% to Noncore.

(Continued)



**GAS PRELIMINARY STATEMENT PART CL**  
**TRANSMISSION INTEGRITY MANAGEMENT PROGRAM**  
**BALANCING ACCOUNT**

Sheet 1

CL. Transmission Integrity Management Program Balancing Account (TIMPBA)

1. PURPOSE: The purpose of the Transmission Integrity Management Program Balancing Account (TIMPBA) is to track Transmission Integrity Management Program (TIMP) expenses and capital expenditures incurred during the 2015 Gas Transmission and Storage (GT&S) rate case cycle (2015 through 2018), up to the total expense and capital expenditure amounts, adopted in D.16-12-010. The actual expenses and capital expenditures tracked in this account will not exceed the adopted amounts of \$367.560 million and \$228.260 million, respectively. (T)  
 |  
 |  
 (T)
  
- Actual costs of safety-related programs and projects identified in Appendix G, Updated Tables 1 and 2 of D.16-12-010 recorded in the Shareholder-Funded Gas Transmission Safety Account (SFGTSA), Gas Preliminary Statement Part DK, that are also programs tracked in this account will not be recorded in TIMPBA. (N)  
 |  
 |  
 (N)
  
2. APPLICABILITY: The TIMPBA will apply to all customer classes, except for those specifically excluded by the Commission.
  
3. REVISION DATES: If the actual amounts incurred are less than the 2015-2018 aggregated adopted expenses of \$367.560 million and capital expenditures of \$228.260 million at the end of the rate case cycle, PG&E will refund the revenue requirements associated with the unspent expenses and capital expenditures to customers through the Annual Gas True-Up filing. (T)
  
4. RATES: The TIMPBA does not have a separate rate component. (T)
  
5. ACCOUNTING PROCEDURE: The TIMPBA consists of two subaccounts:  
 For TIMP expenses, the "Expense Subaccount" tracks the integrity management expenses for the programs listed in Appendix I, Table 1 (Updated), up to the adopted 2015-2018 aggregated amount of \$367.560 million. If the aggregated expenses incurred at the end of the GT&S rate case cycle are less than the adopted amount, PG&E will refund the unspent funding to customers. (T)

(Continued)



**GAS PRELIMINARY STATEMENT PART CL**  
**TRANSMISSION INTEGRITY MANAGEMENT PROGRAM**  
**BALANCING ACCOUNT**

Sheet 2

5. ACCOUNTING PROCEDURE: The TIMPBA consists of two subaccounts (Cont'd)

For TIMP capital expenditures, PG&E will maintain a sub ledger to track the monthly capital expenditures as recorded in its accounting system of record for the programs listed in Appendix I, Table 2 (Updated), up to the adopted 2015-2018 aggregated amount of \$228.260 million. If the aggregated capital expenditures incurred at the end of the GT&S rate case cycle are less than the adopted amount of \$228.260 million, the "Capital Subaccount" will record the entries described in 5(II)(a) through 5(II)(d), to refund to customers, the revenue requirement associated with unspent capital expenditures.

(T)  
 |  
 (T)

I. Expense Subaccount

The following entries will be made to the account each month or as applicable:

- a) A credit entry equal to one-twelfth of the annual adopted integrity management expenses.
- b) A debit entry equal to the actual integrity management expenses incurred, including benefits burden, up to \$367.560 million. (T)
- c) A debit entry to transfer the balance to other accounts for refund to customers.
- d) An entry equal to the interest on the average balance in the account at the beginning of the month and the balance after the above entries, at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

(Continued)



**GAS PRELIMINARY STATEMENT PART CL**  
**TRANSMISSION INTEGRITY MANAGEMENT PROGRAM**  
**BALANCING ACCOUNT**

Sheet 3

5. ACCOUNTING PROCEDURE: The TIMPBA consists of two subaccounts (Cont'd)

II. Capital Subaccount

If the aggregated actual capital expenditures incurred at the end of the GT&S rate case cycle are less than the adopted amount of \$228.260 million, the following entries will be made to the "Capital Subaccount": (T)

- a. A credit entry equal to the revenue requirement associated with the aggregated 2015 through 2018 adopted capital expenditures of \$228.260 million, excluding an allowance for Franchise Fees and Uncollectibles (FF&U). (T)
- b. A debit entry equal to the revenue requirement associated with the actual capital expenditures incurred, excluding FF&U, not to exceed the credit amount recorded in entry a. above. Capital-related revenue requirements include depreciation expense, the return on investment, federal and state income taxes, and property taxes associated with the costs.
- c. An entry to transfer the balance to other accounts for refund to customers.
- d. An entry equal to the interest on the average balance in the account at the beginning of the month and the balance after the above entries, at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.



**GAS PRELIMINARY STATEMENT PART DR** Sheet 1  
 HYDROSTATIC STATION TESTING MEMORANDUM ACCOUNT (HSTMA)

DR. Hydrostatic Station Testing Memorandum Account (HSTMA)

1. **PURPOSE:** The purpose of the Hydrostatic Station Testing Memorandum Account (HSTMA) is to record and track actual expenses for hydrostatic station testing incurred beginning January 1, 2015, that are associated with stations built on or before December 31, 1955. (T)  
(T)
2. **APPLICABILITY:** The HSTMA shall apply to all customer classes, except for those specifically excluded by the Commission.
3. **REVISION DATE:** Disposition of the balance in this account will be through an application or as otherwise directed by the Commission.
4. **RATES:** The HSTMA does not have a separate rate component.
5. **ACCOUNTING PROCEDURE:** The following entries will be made to the account each month or as applicable:
  - a. A debit entry equal to actual expense incurred, including benefits burden.
  - b. An entry to transfer amounts to or from another account as authorized by the Commission.
  - c. An entry equal to the interest on the average balance in the account at the beginning of the month and the balance after the above entries, at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

(Continued)

Advice Letter No: 3788-G  
 Decision No. 16-12-010

Issued by  
**Steven Malnight**  
 Senior Vice President  
 Regulatory Affairs

Date Filed December 9, 2016  
 Effective January 1, 2017  
 Resolution No. \_\_\_\_\_



**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	\$0.5028 (I)
Baja to On-System	\$0.5508 (I)
Silverado to On-System	\$0.3133 (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	\$0.5028 (I)
Baja to Off-System	\$0.5508 (I)
Silverado to Off-System	\$0.5028 (I)
Mission to Off-System	\$0.5028 (I)
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.

<u>Path:</u>	Reservation Rate (Per Dth per month)			
	MFV Rates		SFV Rates	
Redwood to On-System	\$9.6105	(I)	\$12.7181	(I)
Redwood to On-System (Core Procurement Groups only)	\$8.6119	(I)	\$10.8639	(I)
Baja to On-System	\$10.5279	(I)	\$13.9322	(I)
Baja to On-System (N) (Core Procurement Groups only) (N)	\$9.5737	(I)	\$12.0773	(I)
Silverado to On-System (including Core Procurement Groups)	\$6.0571	(I)	\$7.9195	(I)
Mission to On-System (including Core Procurement Groups)	\$6.0571	(I)	\$7.9195	(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.

<u>Path:</u>	Usage Rate (Per Dth)			
	MFV Rates		SFV Rates	
Redwood to On-System	\$0.1031	(R)	\$0.0009	
Redwood to On-System (Core Procurement Groups only)	\$0.0750	(R)	\$0.0010	
Baja to On-System	\$0.1129	(R)	\$0.0010	
Baja to On-System (N) (Core procurement Groups only) (N)	\$0.0834	(R)	\$0.0011	
Silverado to On-System (including Core Procurement Groups)	\$0.0620	(R)	\$0.0007	(R)
Mission to On-System (including Core Procurement Groups)	\$0.0620	(R)	\$0.0007	(R)
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.

Path:	Reservation Rate (Per Dth per month)			
	MFV Rates		SFV Rates	
Redwood to Off-System	\$9.6105	(I)	\$12.7181	(I)
Baja to Off-System	\$10.5279	(I)	\$13.9322	(I)
Silverado to Off-System	\$9.6105	(I)	\$12.7181	(I)
Mission to Off-System	\$9.6105	(I)	\$12.7181	(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 Off-System	\$0.1031	(R)	\$0.0009	
Baja to Off-System	\$0.1129	(R)	\$0.0010	
Silverado to Off-System	\$0.1031	(R)	\$0.0009	
Mission to Off-System	\$0.1031	(R)	\$0.0009	

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**  
**GAS BALANCING SERVICE FOR INTRASTATE TRANSPORTATION**  
**CUSTOMERS**

Sheet 4

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 \$0.0195 (l) per Decatherm multiplied by the actual recorded monthly usage. Credits will be provided to the Balancing Agent on a monthly basis, subject to adjustments.

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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 Regulatory Affairs

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**GAS SCHEDULE G-CFS  
 CORE FIRM STORAGE**

Sheet 1

**APPLICABILITY:** This rate schedule\* provides the rates and charges associated with core firm storage capacity (Allocated Storage) allocated to Core Transport Agents (CTAs) and PG&E's Core Gas Supply Department (CGS), pursuant to the core firm storage provisions of Schedule G-CT.

This schedule also provides the methodology for determining the quantity of gas inventory that may be sold to or purchased from a CTA by CGS, as amounts of Allocated Storage change during the Storage Year. In addition, this schedule describes the calculation of the prices to be paid when such gas inventory is transferred.

CTAs and CGS may also take storage service under Schedule(s), G-SFS, G-NFS and/or G-NAS in conjunction with service under this rate schedule.

**TERRITORY:** Schedule G-CFS applies to the firm use of PG&E's storage facilities.

**ALLOCATED STORAGE MONTHLY CHARGE:** CTAs and CGS holding an allocation of core firm storage (Allocated Storage), pursuant to the provisions of Schedule G-CT, will be billed each month based upon the amount of Allocated Storage held for all or a portion of the current month. The monthly charge is calculated by multiplying the applicable monthly rate, shown below, by the inventory quantity associated with the CTA's and CGS' Allocated Storage for that month subject to proration in the event of an assignment of Allocated Storage during the current month.

Reservation Charge per Dth per month \$0.1860 (I)

**SHRINKAGE:** In-kind storage shrinkage is applicable to all injection quantities in accordance with gas Rule 21.

**SERVICE AGREEMENT:** A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) and applicable exhibit(s) and an Electronic Commerce System User Agreement (Form No. 79-982) are required for CTAs and CGS taking service under this Rate Schedule.

**TERM:** Core firm storage is allocated for a one-year term starting on April 1 and ending on March 31 of the following year (Storage Year), and may be assigned by CTA and CGS under the provisions of Assignment Of Allocated Storage, specified below.

**NOMINATIONS:** Nominations are required for injections and withdrawals. See Rule 21 for details.

**ANNUAL INVENTORY/ INJECTION/ WITHDRAWAL:** This schedule provides the Annual Inventory including the firm injection and withdrawal capacities for CTAs and CGS. It also specifies month-end minimum inventory targets for CTAs and CGS.

Annual Inventory (AI)

PG&E's Total Core Storage Capacity Reservation is:

Annual Inventory 33,477,700 Dth

The CTA Groups Annual Inventory is calculated as follows:

Calculations are in Dth.

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

(Continued)



**GAS SCHEDULE G-LEND**  
**MARKET CENTER LENDING SERVICES**

Sheet 1

**APPLICABILITY:** This rate schedule\* applies to the gas lending service offered to Customers as part of PG&E's Golden Gate Market Center Services. Gas lending is the temporary loan of gas from the PG&E gas transmission system. This service is provided on an interruptible basis only, and is the lowest priority transmission service offered by PG&E.

The Customer shall be responsible for arranging and paying for interstate and Backbone transportation service, as applicable, for transportation into and out of their Market Center accounts.

**TERRITORY:** The points of service for lending under this schedule are the various locations at which PG&E's system interconnects with interstate pipelines, at Kern River Station, and at PG&E's Citygate.

**RATES:** Rates will be negotiated on a transaction-by-transaction basis and shall be within the range set forth below:

Minimum Rate (per transaction): ..... \$57.00

Maximum Rate (per Dth per day): ..... \$1.1942 (R)

The minimum rate reflects PG&E's minimum costs to offer and operate the service.

The Customer 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.

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

**SERVICE AGREEMENT:** Service under this schedule is available to Customers who have executed a Gas Transmission Service Agreement (GTSA) (Form No. 79-866) with PG&E.

**NOMINATIONS:** Notice is required for service under this schedule, as agreed to by PG&E and the customer.

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

(Continued)



**GAS SCHEDULE G-NAS**  
 NEGOTIATED AS-AVAILABLE STORAGE SERVICE

Sheet 1

**APPLICABILITY:** This rate schedule\* applies to the As-available use of PG&E's storage facilities. Storage injection and withdrawal may be taken separately under this schedule. Core Transport Agents, or PG&E, on behalf of Core Customers, may take storage service in excess of that provided by the core storage allocation.

**TERRITORY:** The rate schedule applies to use of PG&E's storage facilities. The points of service for storage under this schedule are the various locations at which PG&E's system interconnects with interstate pipelines, at Kern River Station, and at PG&E's Citygate.

**RATES:** Customers taking service under this rate schedule will pay monthly Usage Charges for any injection and/or withdrawal services utilized during the billing period. Any injections and/or withdrawals occurring during a billing period, but not recorded in that billing period, shall be deferred to a future billing period.

Negotiated rates for service under this rate schedule shall not be less than PG&E's marginal cost of providing the service and shall not exceed a price which will collect 100 percent of PG&E's total revenue requirement for the Unbundled Storage Program under both subfunctions (e.g., injection or withdrawal), as shown below. Customers will be billed on a monthly basis.

Maximum Rates (Per Dth/Day)

Injection	\$5.8437 (R)
Withdrawal	\$26.7122 (R)

The Customer 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.

**SHRINKAGE:** In-kind storage shrinkage is available to all injection quantities in accordance with gas Rule 21.

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

**SERVICE AGREEMENT:** A Gas Transmission Service Agreement (GTSA) (Form No. 79-866) and storage exhibit thereto are required for service under this rate schedule.

**NOMINATIONS:** Notice is required for injections and withdrawals as agreed to by PG&E and the customer. See Rule 21 for details.

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

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



**GAS SCHEDULE G-NFS**  
**NEGOTIATED FIRM STORAGE SERVICE**

Sheet 1

**APPLICABILITY:** This rate schedule\* applies to the firm use of PG&E's storage facilities, subject to rates negotiated by the Customer and PG&E. Fixed amounts of firm storage inventory, injection, and withdrawal service may be procured separately or in combination under this rate schedule. Core Transport Agents and PG&E, on behalf of Core Customers, may take storage service under this rate schedule for storage in excess of that provided by their core firm storage allocation.

**TERRITORY:** This rate schedule applies to firm use of PG&E's storage facilities. The points of service for storage under this schedule are the various locations at which PG&E's system interconnects with interstate pipelines, at Kern River Station, and at PG&E's Citygate.

**RATES:** Rates under this schedule are negotiable and may be structured as one-part rates (Usage or Reservation Charge) or two-part rates (both Reservation and Usage Charges), as negotiated between the Customer and PG&E. Reservation Charges, if applicable, shall be based on the injection, inventory, and/or withdrawal quantities specified in the Exhibit E to the Gas Transmission Service Agreement (GTSA) (Form 79-866-E). Any Usage Charges shall be equal to the applicable effective rate in the GTSA multiplied by the actual injection, inventory, or withdrawal quantities occurring during that billing period, including volumes traded pursuant to Schedule G-BAL. Any injections and withdrawals which occur during a billing period, but which are not recorded in that billing period, will be deferred to a future billing period.

Negotiated rates, for service under this schedule, are subject to minimum and maximum rates. Negotiated rates for storage service shall not be less than PG&E's marginal cost of providing the service. Negotiated rates for storage service will be capped at the price which will collect 100 percent of PG&E's total revenue requirement for the unbundled storage program under all three (3) subfunctions (i.e., injection, inventory or withdrawal), as listed below.

Maximum Rates (Dth)

Injection/Day	\$5.8437 (R)
Inventory	\$3.6287 (R)
Withdrawal/Day	\$26.7122 (R)

The Customer 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.

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

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**GAS SCHEDULE G-PARK**  
**MARKET CENTER PARKING SERVICES**

Sheet 1

**APPLICABILITY:** This rate schedule applies to the gas parking service offered to Customers as part of PG&E's Golden Gate Market Center Services. Gas parking is the temporary storage of gas on the PG&E gas transmission system. This service is provided on an interruptible basis only, and is the lowest priority transmission service offered by PG&E.

The Customer shall be responsible for arranging and paying for interstate and Backbone transportation service, as applicable, for transportation into and out of their Market Center accounts.

**TERRITORY:** The points of service for parking under this schedule are the various locations at which PG&E's system interconnects with interstate pipelines, at Kern River Station, and at PG&E's Citygate.

**RATES:** Rates will be negotiated on a transaction-by-transaction basis and shall be within the range set forth below:

Minimum Rate (per transaction): ..... \$57.00

Maximum Rate (per Dth per day): ..... \$1.1942 (R)

The minimum rate reflects PG&E's minimum costs to offer and operate the service.

The Customer 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.

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

**SERVICE AGREEMENT:** Service under this schedule is available to Customers who have executed a Gas Transmission Service Agreement (GTSA) (Form No. 79-866) with PG&E.

**NOMINATIONS:** Notice is required for service under this schedule, as agreed to by PG&E and the customer.

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

(Continued)



**GAS SCHEDULE G-SFS**  
**STANDARD FIRM STORAGE SERVICE**

Sheet 1

**APPLICABILITY:** This rate schedule\* applies to the firm use of PG&E's storage facilities. This rate schedule provides a combination of firm storage injection, inventory and withdrawal service. Service under this rate schedule is available to any Customer including Core Procurement Groups (CPGs) on behalf of Core Customers for storage service in addition to that provided under Schedule G-CFS.

**TERRITORY:** This rate schedule applies to firm use of PG&E's storage facilities.

**RATES:** Rates under this schedule consist of Reservation Charges. The Reservation Charge is based upon the amount of inventory capacity held by the Customer (Contract Inventory). Contract Inventory is shown per Decatherm (Dth).

1. Reservation Charges:

The Reservation Charges shall be based on the quantities specified in Exhibit J of the Customer's Gas Transmission Service Agreement (GTSA) (Form No. 79-866). The Reservation Charge includes inventory, injection and withdrawal rights. The monthly charge is calculated by multiplying the applicable monthly rate shown below by the inventory specified in the GTSA (Contract Inventory).

Reservation Charge per Dth of Contract Inventory per month ..... \$0.3024 (R)

2. Additional Charges:

The Customer 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.

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

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**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	\$11.5326 (I)	\$15.2618 (I)
Baja to On-System	\$12.6335 (I)	\$16.7186 (I)
Baja to On-System (Core Procurement Groups only)	\$11.4885 (I)	\$14.4928 (I)
Silverado to On-System	\$7.2685 (I)	\$9.5034 (I)
Mission to On-System	\$7.2685 (I)	\$9.5034 (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.

<u>Path:</u>	Usage Rate (Per Dth)	
	MFV Rates	SFV Rates
Redwood to On-System	\$0.1237 (R)	\$0.0011
Baja to On-System	\$0.1355 (R)	\$0.0012
Baja to On-System (Core Procurement Groups only)	\$0.1000 (R)	\$0.0013
Silverado to On-System	\$0.0744 (R)	\$0.0009
Mission to On-System	\$0.0744 (R)	\$0.0009

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-XF**  
 PIPELINE EXPANSION FIRM INTRASTATE TRANSPORTATION SERVICE

Sheet 1

**APPLICABILITY:** This rate schedule\* is available to any Customer who holds a Pipeline Expansion Firm Transportation Service Agreement (FTSA) (Form No. 79-791) approved by the CPUC. This schedule is closed to new Customers. This schedule may also be taken in conjunction with Schedule G-STOR, G-FS, G-NFS, G-NAS, G-PARK, or G-LEND.

**TERRITORY:** Schedule G-XF applies to pre-existing Pipeline Expansion firm transportation service.

**RATES:** The following charges apply to intrastate natural gas transportation service under this schedule. In addition, Customer will be responsible for any applicable costs, taxes, and/or fees incurred by PG&E in taking delivery of third-party gas from inter- or intrastate sources and any other applicable charges.

1. Reservation Charge:

The monthly Reservation Charge shall be the applicable reservation rate multiplied by the Customer's Maximum Daily Quantity (MDQ), as specified in the Customer's FTSA.

<u>Reservation Rates:</u>	<u>Per Dth Per Month</u>
SFV Rates:	\$5.7271 (R)

Customer's obligation to pay the Reservation Charge each month is absolute and unconditional and is independent of Customer's ability to obtain export authorization from the National Energy Board of Canada, Canadian provincial removal authority, and/or import authorization from the United States Department of Energy. Customer's obligation to pay the Reservation Charge shall be unaffected by the quantity of gas transported by PG&E to Customer's Delivery Point(s) on the Pipeline Expansion.

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

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 Senior Vice President  
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**PG&E Gas and Electric  
Advice Filing List  
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City of San Jose	Los Angeles County Integrated Waste Management Task Force	TerraVerde Renewable Partners
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