



**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

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Application of Pacific Gas and Electric
Company Proposing Cost of Service and Rates
for Gas Transmission and Storage Services for
the period of 2015-2017.

Application 13-12-012
(Filed December 19, 2013)

(U 39 G)

And Related Matter

Investigation 14-06-016

**SUPPLEMENTAL REPLY COMMENTS OF PACIFIC GAS
AND ELECTRIC COMPANY (U 39 G)**

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Pursuant to the May 23, 2016 Assigned Commissioner’s Ruling (ACR) Denying Motion For Extension of Time to File Comments on Proposed Decision and Alternate Proposed Decision, Ordering Filing of Revised Tables, and Setting Schedule for Filing of Supplemental Comments, Pacific Gas and Electric Company (PG&E) files these supplemental reply comments to address the effect of amortizing the 2015-2016 revenue undercollection recorded in the Gas Transmission and Storage Memorandum Account (GTSMA). PG&E responds to parties’ claims that: (1) the amortization of the undercollection recorded in the GTSMA over 18 months exacerbates the issue of affordability raised in parties’ comments on the Proposed Decision (PD) and Alternate Proposed Decision (APD); (2) the Commission should alter the allocation between capital and expense of the \$850 million San Bruno penalty ordered in D.15-04-024 (Penalties Decision) to mitigate rate impacts; and (3) amortizing the undercollection recorded in the GTSMA should be extend beyond the 18 months ordered in the PD and APD.

I. THE COMMISSION SHOULD NOT ADDRESS AFFORDABILITY BY VIOLATING FUNDAMENTAL RATEMAKING PRINCIPLES

The Utility Reform Network (TURN) repeats claims it made in comments and at the June 1 all-party meeting that the rate increases resulting from the PD and APD are unaffordable for PG&E’s customers and will lead to increased disconnections.^{1/} TURN’s claim that the amortization of the undercollection will worsen the adverse impacts on customers^{2/} is not supported by the illustrative rate tables. If the PD or APD is adopted by the Commission and the undercollection recorded in the GTSMA is amortized over 18 months, the average residential monthly gas bill would be \$58.55 in 2016 and \$59.14 in 2017.^{3/} If the undercollection recorded in the GTSMA is amortized over 30 months as PG&E presented in its June 2 Supplemental Comments, the average monthly residential gas bill would be \$57.15 in 2016 and \$57.73 in

^{1/} Supplemental Opening Comments of TURN Regarding New Rate Tables Supplied by PG&E, pp. 1-2.

^{2/} *Id.*

^{3/} Supplemental Comments of PG&E, Attachment 1, Updated Appendix G, Table 33A revised (corrected).

2017.^{4/} Under both scenarios, the average residential bills will be below what the national average residential gas bill was in 2013.^{5/} Furthermore, as PG&E noted in its May 31, 2016 reply comments and at the June 1, 2016 all-party meeting, PG&E takes disconnections seriously, and goes to great lengths to avoid disconnecting a customer. For those customers who struggle to pay their bills, PG&E has numerous programs available to help.

More troubling is TURN's suggestion that the Commission should address affordability by making "revisions to the PD"^{6/} that would include adopting TURN's proposed disallowances. The California Manufacturers and Technology Association (CMTA) and the California League of Food Processors (CLFP) echo TURN's suggestion:

The only way to mitigate these unprecedented and untenable rate increases and bill impacts is to reduce the three-year GT&S cycle revenue requirement proposed in the PD and APD. To do that, CMTA/CLFP support the revenue reduction recommendations discussed by TURN, Indicated Shippers and ORA during the June 1 all-party meeting.^{7/}

The Commission should not address bill impacts by lowering the revenue requirements adopted in the PD and APD through TURN's proposed disallowances. To do so would risk violating fundamental tenets of utility ratemaking. TURN is incorrect, as both a legal and factual matter, that the PD and APD approved forecasts for work that is a result of PG&E's prior imprudence. First, as PG&E demonstrated in briefing and in reply comments, the PD and APD evaluated the evidence using the correct legal standard. The PD correctly determined that: "Disallowances are warranted when the forecast work is necessary because (1) PG&E had not originally performed the work properly, or (2) PG&E had failed to comply with regulatory requirements that it was previously funded to satisfy."^{8/} The PD also correctly finds that "costs

^{4/} Supplemental Comments of PG&E, Attachment 2, Updated Appendix G, Table 33A revised to include 30 month amortization.

^{5/} Exhibit (Exh.) PG&E-43, p. 17-21, lines 25-29; Attachment I.

^{6/} Supplemental Opening Comments of TURN Regarding New Rate Tables Supplied by PG&E, p.1.

^{7/} Supplemental Comments of CMTA and CLFP on the Revised Rate Tables in Appendices G and J, p. 4.

^{8/} PD, p. 411, Conclusion of Law (COL) 3.

are not unreasonable and subject to ratemaking disallowance simply because management imprudently delayed or deferred work.”^{9/} The legal standard set forth in the PD is based on recent Commission precedent,^{10/} and should not be altered in order to disallow recovery for work that is not the result of imprudence.

Second, TURN and others failed to show that any of the work for which the PD and APD authorize recovery is the result of PG&E’s prior imprudence. TURN focuses on corrosion. As PG&E demonstrated in its May 31, 2016 reply comments, the PD weighed all the evidence submitted by the parties for each corrosion program, and correctly concluded that the corrosion costs for which the PD authorizes recovery are not the result of PG&E’s prior imprudence.

PG&E acknowledges that the PD and APD adopt significant increases, particularly for some of PG&E’s largest industrial customers. PG&E also recognizes that the amortization of the undercollection recorded in the GTSMA adds to the increases. However, PG&E’s customers have been experiencing rates that do not reflect PG&E’s cost of service for many years. It is time for the Commission to allow PG&E to recover its cost of service to perform critical work on its gas transmission and storage assets.

II. THE COMMISSION SHOULD CONSIDER PRACTICABLE ALTERNATIVE AMORTIZATION SCENARIOS

In its June 2, 2016 Supplemental Comments, PG&E presented illustrative rate tables showing a 30-month amortization period for the undercollection recorded in the GTSMA. A 30-month amortization scenario would reduce by 40 percent the increase attributable to the amortization of the undercollection in the GTSMA. The Commission should consider adopting a 30 month amortization period (assuming a July 1 implementation date) to mitigate the parties’ concerns about bill impacts.

The Office of Ratepayer Advocates (ORA) suggests that, “PG&E could implement the

^{9/} PD, p. 411, COL 2.

^{10/} See, e.g., D.12-12-030, *mimeo*, pp. 54-55 (“We do not agree that the Public Utilities Code or Commission precedent support the proposition that, due to belated timing, the cost of safety improvements by a public utility become unreasonable and subject to ratemaking disallowance”); D.14-11-021, *mimeo*, pp. 4-5; D.04-07-022, *mimeo*, p. 106, and COL 17.

rate increases gradually over a four to six year period.”^{11/} ORA provides no further details regarding this proposal, and it is not feasible. If ORA’s suggestion were adopted, PG&E would be collecting revenues for work performed from 2015 to 2017, between July 1, 2016 and June 30, 2020, (or even June 30, 2022). By that time, PG&E will have filed at least one—if not two—GT&S Rate Cases, which will likely result in additional revenue and rate increases. ORA’s proposal could result in long term customer impacts that have not been studied; therefore, it should be rejected. In addition, as noted in PG&E’s June 2 Supplemental Comments, the amortization must be completed by the end of calendar year 2018 in order to adhere to Generally Accepted Accounting Principles regarding recognition of revenues in financial statements.

III. APPLICATION OF THE \$850 MILLION SAN BRUNO PENALTY

TURN claims that the \$850 million San Bruno penalty ordered in D.15-04-024 has only a minor impact on improving the affordability of the PD’s rate increases.^{12/} TURN asks the Commission to make better use of the San Bruno penalty to mitigate rate impacts by reconsidering the allocation of the penalty between capital and expense. Although TURN makes no specific proposal regarding the allocation, Indicated Shippers argued in its May 25, 2016 Opening Comments on the PD, as well as at the June 1, 2016 All Party meeting, that 100 percent of the \$850 million be allocated to expense.^{13/} PG&E takes no position on whether the Commission should alter the expense/capital allocation in the Penalties Decision. However, to assist in the Commission’s decision-making, PG&E has prepared illustrative rate tables that show the impacts if 100 percent of the \$850 million were allocated to expense, and the undercollection recorded in the GTSMA were collected over an 18 month period beginning July 1, 2016. The illustrative rate tables are appended to this filing as Attachment 1.

Under this scenario, PG&E applied 100 percent of the \$850 million penalty to the safety

^{11/} Supplemental Opening Comments of ORA on the Proposed Decision of Administrative Law Judge Amy Yip-Kikugawa, p. 4.

^{12/} Supplemental Opening Comments of TURN Regarding New Rate Tables Supplied by PG&E, p.2.

^{13/} Indicated Shippers Opening Comments, pp. 21-23.

program expense forecasts in the PD. This results in significantly lower 2015 and 2016 gas transmission and storage revenue requirements and corresponding revenue undercollection. PG&E started with the 2015 Results of Operations model used for the PD that produced a 2015 revenue requirement of \$1.108 million (Appendix C: Table 1, Line 1, Column d). The \$850 million penalty was removed from safety program forecasts by reducing expenses by \$435.469 million in 2015 and by \$414.531 million in 2016. PG&E then applied the ex-parte penalty (Appendix G: Table 3, Line 37). The revenue requirement results are \$565 million, \$762 million and \$1,308 million for the years 2015, 2016, and 2017, respectively. As seen in Table 1 below, the average residential monthly bill would be \$53.21 in 2016 and \$57.20 in 2017. Under this scenario, 2016 average non-care bundled residential bills will increase 6.3 percent compared to 16.9 percent under the 18 month amortization period, and 14.1 percent under the 30 month amortization period.^{14/}

Table 1
RESIDENTIAL NON CARE AND SMALL COMMERCIAL NON CARE ILLUSTRATIVE RATES AND BILL IMPACTS

	Present Rates	18 Month Amortization in End Use Rates Based on Proposed Decision Including \$850 Penalty						18 Month Amortization in End Use Rates Based on 100% Penalty Applied to Expense								
		\$ Chg		% Chg from		\$ Chg from		% Chg from		\$ Chg from		% Chg from				
		7/1/2016	1/1/2016	1/1/2016	1/1/2016	1/1/2017	7/1/2016	7/1/2016	7/1/2016	7/1/2016	1/1/2016	1/1/2016	1/1/2016	1/1/2017	7/1/2016	7/1/2016
Illustrative End-Use Bundled Residential Non CARE Rate	\$1.473	\$1.722	\$0.249	16.9%	\$1.739	\$0.017	1.0%	\$1.565	\$0.092	6.3%	\$1.691	\$0.13	8.1%			
Average Monthly Use By Residential Customer (therms)	34	34			34			34			34					
Average Non CARE Bundled Residential Monthly Bill	\$50.07	\$58.55	\$8.48	16.9%	\$59.14	\$0.59	1.0%	\$53.21	\$3.138	6.3%	\$57.50	\$4.29	8.1%			
Illustrative End-Use Bundled Small Commercial Non CARE Rate	\$0.961	\$1.207	\$0.246	25.6%	\$1.223	\$0.017	1.4%	\$1.054	\$0.093	9.7%	\$1.175	\$0.12	11.5%			
Average Monthly Use per Small Commercial Customer (therms)	284	284			284			284			284					
Present Average Non-CARE Small Commercial Customer Monthly Bill	\$272.84	\$342.72	\$69.88	25.6%	\$347.44	\$4.72	1.4%	\$299.28	\$26.45	9.7%	\$333.62	\$34.34	11.5%			

IV. DYNEGY AND NCGC RAISE ISSUES THAT WERE REBUTTED BY PG&E AND OTHER PARTIES AND CORRECTLY DECIDED IN THE PD

Dynergy and the Northern California Generation Coalition (NCGC) repeat arguments made throughout this proceeding that the differential in rates between electric generators connected to the backbone transmission system, and those connected at the local transmission level, will harm competition in electricity markets and increase electricity prices.^{15/} PG&E (and

^{14/} PG&E Supplemental Opening Comments, p. 3.

^{15/} Supplemental Comments of Dynergy Inc. on Additional Rate Tables, pp. 1-3; Supplemental Comments of NCGC on Revised Rate Appendices, pp. 5-6.

Attachment 1

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)
Proposed Decision Table Updated To Include 2017 Rates

Appendix G: Table 15
PACIFIC GAS AND ELECTRIC COMPANY
Illustrative End-Use Class Average Rates (\$/dth) (e)

Line No.		Rates Effective April 1, 2014 with Adopted 2014 GT&S Components and PSEP Update (a)	Rates Effective April 1, 2014 with Adopted 2015 GT&S (Year 2015 Components)	\$ Change (d)	% Change	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components)	\$ Change (d)	% Change	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2017 Components)	\$ Change (d)	% Change
Core Retail Bundled Service (c)											
1	Residential Non-CARE**/**	12.215	12.252	0.037	0.3%	14.727	0.610	4.1%	16.597	1.259	8.2%
2	Small Commercial Non-CARE**	9.372	9.423	0.051	0.5%	9.607	0.619	6.4%	11.433	1.208	11.8%
3	Large Commercial	7.296	7.391	0.095	1.3%	6.870	0.634	9.2%	8.621	1.117	14.9%
4	Uncompressed Core NGV	6.408	6.506	0.097	1.5%	5.183	0.634	12.2%	6.928	1.110	19.1%
5	Compressed Core NGV	18.941	19.039	0.097	0.5%	20.960	0.634	3.0%	22.705	1.110	5.1%
Core Retail Transport Only (d)											
6	Residential Non-CARE**/**	6.951	7.049	0.098	1.4%	10.900	0.670	6.1%	12.502	0.932	8.1%
7	Small Commercial	4.310	4.408	0.098	2.3%	5.960	0.670	11.2%	7.561	0.932	14.1%
8	Large Commercial	2.626	2.723	0.098	3.7%	3.541	0.670	18.9%	5.142	0.932	22.1%
9	Uncompressed Core NGV	1.731	1.828	0.098	5.6%	1.876	0.670	35.7%	3.478	0.932	36.6%
10	Compressed Core NGV	14.264	14.361	0.098	0.7%	17.653	0.670	3.8%	19.255	0.932	5.1%
Noncore Retail Transportation Only (d)											
11	Industrial – Distribution	1.883	2.392	0.509	27.0%	2.386	0.266	11.1%	3.059	0.408	15.4%
12	Industrial – Transmission	0.868	0.859	(0.009)	-1.1%	0.788	1.045	32.6%	1.452	0.407	39.0%
13	Industrial – Backbone	0.477	0.430	(0.047)	-9.9%	0.457	0.449	-0.008	0.448	-0.001	-0.1%
14	Uncompressed Noncore NGV – Distribution	1.767	2.276	0.509	28.8%	2.191	0.266	12.1%	2.865	0.408	16.6%
15	Uncompressed Noncore NGV – Transmission	0.747	0.738	(0.009)	-1.2%	0.613	0.870	41.9%	1.278	0.407	46.8%
16	Electric Generation – Distribution/Transmission	0.496	0.491	(0.005)	-1.0%	0.366	0.627	71.5%	1.035	0.408	65.0%
17	Electric Generation – Backbone	0.162	0.123	(0.039)	-24.0%	0.124	0.124	0.000	0.124	0.000	-0.1%
Wholesale Transportation Only (d)											
18	Alpine Natural Gas	0.485	0.458	(0.026)	-5.4%	0.364	0.605	66.4%	1.011	0.406	67.0%
19	Coalinga	0.493	0.462	(0.032)	-6.4%	0.373	0.609	63.5%	1.015	0.406	66.6%
20	Island Energy	0.685	0.570	(0.115)	-16.8%	0.568	0.732	28.8%	1.131	0.400	54.6%
21	Palo Alto	0.444	0.436	(0.008)	-1.9%	0.322	0.580	79.9%	0.988	0.407	70.2%
22	West Coast Gas - Castle	1.592	1.516	(0.077)	-4.8%	2.397	2.592	0.196	2.995	0.403	15.6%
23	West Coast Gas - Mather D	1.861	1.811	(0.050)	-2.7%	2.964	3.183	0.219	3.588	0.405	12.7%
24	West Coast Gas - Mather T	0.522	0.471	(0.050)	-9.7%	0.402	0.620	54.5%	1.026	0.405	65.3%

- Notes:**
- a) 2014 rates are based on PG&E's 2014 April Transportation Rate Change Filing (Advice Letter 3374-G), the 2014 GT&S Rate Components filed in Advice Letter 3360-G, and the Pipeline Safety Enhancement Plan Update rates filed in A.13-10-017.
 - b) 2016 rates are based on PG&E's 2016 Annual Gas True-up (AGT) filing per Advice Letter 3664-G and Gas Accord V rates filed in Advice Letter 3664-G.
 - c) PG&E's bundled gas service is available to core customers only. Intrastate backbone transmission and storage costs addressed in this proceeding, are included in end use rates paid by bundled core customers. Bundled service also includes a procurement cost for gas purchases, shrinkage, transportation on Canadian and Interstate pipelines, core brokerage, and franchise fees and uncollectibles expense. The illustrative annual average rates for these elements are based on the illustrative revenue requirements shown on PG&E's Preliminary Statement Part C2, last updated with Advice Letter 3664-G. Core bundled rates also includes the cost of transportation and delivery of gas from the citygate to the customer's burnertip, including local transmission, distribution, customer access, public purpose, and mandated programs and other charges.
 - d) PG&E's transportation-only gas service is for core and noncore customers. Transportation-only service begins at PG&E's citygate and includes the applicable costs of gas transportation and delivery on PG&E's local transmission, including distribution, customer access, public purpose programs and customer class charges. Transportation-only rates exclude backbone transmission and storage costs.
 - e) Rates are class average rates. Actual transportation rates will vary depending on the customer's load factor and seasonal usage. Dollar difference are due to rounding.

**2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)**

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 15A

**PACIFIC GAS AND ELECTRIC COMPANY
Illustrative End-Use Class Average Rates (\$/dth) (e)**

Line No.		Rates Effective April 1, 2014 with Adopted 2014 GT&S Components and PSEP Update (a)	Rates Effective April 1, 2014 with Adopted 2015 GT&S Components (Year 2015 Components)	\$ Change (d)	% Change	Rates Effective January 1, 2016	Rates Effective January 1, 2016 with Adopted 2015 GT&S Components (Year 2016 Components)	\$ Change (d)	% Change	Rates Effective January 1, 2016 with Adopted 2015 GT&S Components (Year 2017 Components)	\$ Change (d)	% Change
		Core Retail Bundled Service (c)										
1	Residential Non-CARE**/****	12.215	12.252	0.037	0.3%	14.727	15.650	0.923	6.3%	16.910	1.260	8.1%
2	Small Commercial Non-CARE**	9.372	9.423	0.051	0.5%	9.607	10.538	0.931	9.7%	11.747	1.209	11.5%
3	Large Commercial	7.296	7.391	0.095	1.3%	6.870	7.817	0.947	13.8%	8.934	1.118	14.3%
4	Uncompressed Core NGV	6.408	6.506	0.097	1.5%	5.183	6.130	0.947	18.3%	7.241	1.111	18.1%
5	Compressed Core NGV	18.941	19.039	0.097	0.5%	20.960	21.907	0.947	4.5%	23.018	1.111	5.1%
Core Retail Transport Only (d)												
6	Residential Non-CARE**/****	6.951	7.049	0.098	1.4%	10.900	11.882	0.982	9.0%	12.815	0.933	7.9%
7	Small Commercial	4.310	4.408	0.098	2.3%	5.960	6.942	0.982	16.5%	7.875	0.933	13.4%
8	Large Commercial	2.626	2.723	0.098	3.7%	3.541	4.523	0.982	27.7%	5.456	0.933	20.6%
9	Uncompressed Core NGV	1.731	1.828	0.098	5.6%	1.876	2.859	0.982	52.4%	3.792	0.933	32.6%
10	Compressed Core NGV	14.264	14.361	0.098	0.7%	17.653	18.636	0.983	5.6%	19.569	0.933	5.0%
Noncore Retail Transportation Only (d)												
11	Industrial – Distribution	1.883	2.392	0.509	27.0%	2.386	2.697	0.311	13.1%	3.106	0.409	15.2%
12	Industrial – Transmission	0.868	0.859	(0.009)	-1.1%	0.788	1.091	0.303	38.4%	1.499	0.409	37.5%
13	Industrial – Backbone	0.477	0.430	(0.047)	-9.9%	0.457	0.345	-0.112	-24.5%	0.344	-0.001	-0.3%
14	Uncompressed Noncore NGV – Distribution	1.767	2.276	0.509	28.8%	2.191	2.502	0.311	14.2%	2.912	0.409	16.4%
15	Uncompressed Noncore NGV – Transmission	0.747	0.738	(0.009)	-1.2%	0.613	0.916	0.303	49.4%	1.325	0.409	44.6%
16	Electric Generation – Distribution/Transmissior	0.496	0.491	(0.005)	-1.0%	0.366	0.673	0.307	83.9%	1.082	0.409	60.9%
17	Electric Generation – Backbone	0.162	0.123	(0.039)	-24.0%	0.124	0.020	-0.104	-83.8%	0.020	-0.001	-2.7%
Wholesale Transportation Only (d)												
18	Alpine Natural Gas	0.485	0.458	(0.026)	-5.4%	0.364	0.651	0.287	78.9%	1.058	0.407	62.6%
19	Coalinga	0.493	0.462	(0.032)	-6.4%	0.373	0.655	0.282	75.7%	1.062	0.407	62.2%
20	Island Energy	0.685	0.570	(0.115)	-16.8%	0.568	0.777	0.209	36.8%	1.178	0.401	51.6%
21	Palo Alto	0.444	0.436	(0.008)	-1.9%	0.322	0.626	0.303	94.1%	1.035	0.409	65.3%
22	West Coast Gas - Castle	1.592	1.516	(0.077)	-4.8%	2.397	2.638	0.241	10.1%	3.042	0.405	15.4%
23	West Coast Gas - Mather D	1.861	1.811	(0.050)	-2.7%	2.964	3.228	0.264	8.9%	3.635	0.407	12.6%
24	West Coast Gas - Mather T	0.522	0.471	(0.050)	-9.7%	0.402	0.666	0.264	65.8%	1.073	0.407	61.1%

- Notes:**
- b) 2016 rates are based on PG&E's 2016 Annual Gas True-up (AGT) filing per Advice Letter 3664-G and Gas Accord V rates filed in Advice Letter 3664-G.
 - c) PG&E's bundled gas service is available to core customers only. Intrastate backbone transmission and storage costs addressed in this proceeding, are included in end use rates paid by bundled core customers. Bundled service also includes a procurement cost for gas purchases, shrinkage, transportation on Canadian and Interstate pipelines, core brokerage, and franchise fees and uncollectibles expense. The illustrative annual average rates for these elements are based on the illustrative revenue requirements shown on PG&E's Preliminary Statement Part C2, last updated with Advice Letter 3664-G. Core bundled rates also includes the cost of transportation and delivery of gas from the citygate to the customer's burnertip, including local transmission, distribution, customer access, public purpose, and mandated programs and other charges.
 - d) PG&E's transportation-only gas service is for core and noncore customers. Transportation-only service begins at PG&E's citygate and includes the applicable costs of gas transportation and delivery on PG&E's local transmission, including distribution, customer access, public purpose programs and customer class charges. Transportation-only rates exclude backbone transmission and storage costs.
 - e) Rates are class average rates. Actual transportation rates will vary depending on the customer's load factor and seasonal usage.
 - f) The revenue undercollection is estimated based upon on the difference between the Proposed Decision revenue requirement and interim placeholder revenue requirement that has been in effect since January 1, 2015. These illustrative rates do not reflect application of the revenue sharing mechanism.
Dollar difference are due to rounding.

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)
Proposed Decision Table Updated To Include 2017 Rates

Appendix G: Table 16 revised
PACIFIC GAS AND ELECTRIC COMPANY

Illustrative End-Use Noncore and Wholesale Class Average Rates with Procurement Proxy (a)/(\$/ dth) (d)

Line No.		Rates Effective	Rates Effective	\$	%	Rates Effective	Rates Effective	\$	%	Rates Effective	\$	%
		April 1, 2014 with Adopted 2014 GT&S Components and PSEP Update (a)	April 1, 2014 with Adopted 2015 GT&S (Year 2015 Components)			Change (d)	Change			January 1, 2016		
Noncore Retail with Procurement Proxy												
1	Industrial – Distribution	5.853	6.272	0.419	7.2%	5.692	5.923	0.230	4.0%	6.509	0.587	9.9%
2	Industrial – Transmission	4.838	4.739	(0.099)	-2.0%	4.095	4.316	0.222	5.4%	4.902	0.586	13.6%
3	Industrial – Backbone	4.448	4.311	(0.137)	-3.1%	3.763	3.720	(0.043)	-1.1%	3.898	0.178	4.8%
4	Uncompressed Noncore NGV – Distribution	5.737	6.156	0.419	7.3%	5.498	5.728	0.230	4.2%	6.315	0.587	10.2%
5	Uncompressed Noncore NGV – Transmission	4.718	4.618	(0.099)	-2.1%	3.920	4.141	0.222	5.7%	4.727	0.586	14.1%
6	Electric Generation – Distribution/Transmission	4.466	4.372	(0.095)	-2.1%	3.672	3.898	0.226	6.2%	4.485	0.586	15.0%
7	Electric Generation – Backbone	4.132	4.003	(0.129)	-3.1%	3.431	3.395	(0.035)	-1.0%	3.574	0.178	5.3%
Wholesale with Procurement Proxy												
8	Alpine Natural Gas	4.455	4.339	(0.116)	-2.6%	3.670	3.877	0.206	5.6%	4.461	0.584	15.1%
9	Coalinga	4.464	4.342	(0.122)	-2.7%	3.679	3.880	0.201	5.5%	4.464	0.584	15.1%
10	Island Energy	4.655	4.450	(0.205)	-4.4%	3.875	4.003	0.128	3.3%	4.581	0.578	14.4%
11	Palo Alto	4.414	4.316	(0.098)	-2.2%	3.629	3.851	0.222	6.1%	4.437	0.586	15.2%
12	West Coast Gas - Castle	5.562	5.396	(0.167)	-3.0%	5.703	5.863	0.160	2.8%	6.445	0.582	9.9%
13	West Coast Gas - Mather D	5.832	5.691	(0.140)	-2.4%	6.271	6.454	0.183	2.9%	7.038	0.584	9.0%
14	West Coast Gas - Mather T	4.492	4.352	(0.140)	-3.1%	3.708	3.891	0.183	4.9%	4.475	0.584	15.0%

Notes:

- a) Proxy based on average core gas commodity costs and Canadian, interstate, intrastate backbone and transmission shrinkage costs in PG&E's G-NGV1 procurement rate.
- b) 2014 rates are based on PG&E's 2014 April Transportation Rate Change Filing (Advice Letter 3374-G), the 2014 GT&S Rate Components filed in Advice Letter 3360-G, and the Pipeline Safety Enhancement Plan Update rates filed in A.13-10-017.
- c) 2016 rates are based on PG&E's 2016 Annual Gas True-up (AGT) filing per Advice Letter 3664-G and Gas Accord V rates filed in Advice Letter 3664-G.
- d) Rates are class average rates. Actual transportation rates will vary depending on the customer's load factor and seasonal usage.

Dollar difference are due to rounding.

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)
Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 16A
PACIFIC GAS AND ELECTRIC COMPANY

Illustrative End-Use Noncore and Wholesale Class Average Rates with Procurement Proxy (a)/\$(dth) (d)

Line No.	Rates Effective April 1, 2014 with Adopted 2014 GT&S Components and PSEP Update (a)	Rates Effective April 1, 2014 with Adopted 2015 GT&S (Year 2015 Components)	\$ Change (d)	% Change	Rates Effective January 1, 2016	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components)	\$ Change (d)	% Change	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2017 Components)	\$ Change (d)	% Change	
	Noncore Retail with Procurement Proxy											
1	Industrial – Distribution	5.853	6.272	0.419	7.2%	5.692	5.968	0.276	4.8%	6.556	0.588	9.9%
2	Industrial – Transmission	4.838	4.739	(0.099)	-2.0%	4.095	4.362	0.267	6.5%	4.949	0.587	13.5%
3	Industrial – Backbone	4.448	4.311	(0.137)	-3.1%	3.763	3.616	(0.148)	-3.9%	3.793	0.178	4.9%
4	Uncompressed Noncore NGV – Distribution	5.737	6.156	0.419	7.3%	5.498	5.774	0.276	5.0%	6.362	0.588	10.2%
5	Uncompressed Noncore NGV – Transmission	4.718	4.618	(0.099)	-2.1%	3.920	4.187	0.267	6.8%	4.774	0.587	14.0%
6	Electric Generation – Distribution/Transmissior	4.466	4.372	(0.095)	-2.1%	3.672	3.944	0.271	7.4%	4.532	0.588	14.9%
7	Electric Generation – Backbone	4.132	4.003	(0.129)	-3.1%	3.431	3.291	(0.140)	-4.1%	3.469	0.178	5.4%
Wholesale with Procurement Proxy												
8	Alpine Natural Gas	4.455	4.339	(0.116)	-2.6%	3.670	3.922	0.252	6.9%	4.508	0.586	14.9%
9	Coalinga	4.464	4.342	(0.122)	-2.7%	3.679	3.926	0.247	6.7%	4.511	0.586	14.9%
10	Island Energy	4.655	4.450	(0.205)	-4.4%	3.875	4.048	0.174	4.5%	4.628	0.580	14.3%
11	Palo Alto	4.414	4.316	(0.098)	-2.2%	3.629	3.897	0.268	7.4%	4.484	0.588	15.1%
12	West Coast Gas - Castle	5.562	5.396	(0.167)	-3.0%	5.703	5.909	0.206	3.6%	6.492	0.583	9.9%
13	West Coast Gas - Mather D	5.832	5.691	(0.140)	-2.4%	6.271	6.499	0.229	3.6%	7.085	0.585	9.0%
14	West Coast Gas - Mather T	4.492	4.352	(0.140)	-3.1%	3.708	3.937	0.229	6.2%	4.522	0.585	14.9%

Notes:

- a) Proxy based on average core gas commodity costs and Canadian, interstate, intrastate backbone and transmission shrinkage costs in PG&E's G-NGV1 procurement rate.
- b) 2014 rates are based on PG&E's 2014 April Transportation Rate Change Filing (Advice Letter 3374-G), the 2014 GT&S Rate Components filed in Advice Letter 3360-G, and the Pipeline Safety Enhancement Plan Update rates filed in A.13-10-017.
- c) 2016 rates are based on PG&E's 2016 Annual Gas True-up (AGT) filing per Advice Letter 3664-G and Gas Accord V rates filed in Advice Letter 3664-G.
- d) Rates are class average rates. Actual transportation rates will vary depending on the customer's load factor and seasonal usage.
- e) The revenue undercollection is estimated based upon on the difference between the Proposed Decision revenue requirement and interim placeholder revenue requirement that has been in effect since January 1, 2015. These illustrative rates do not reflect application of the revenue sharing mechanism.

Dollar difference are due to rounding.

**2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)**

Appendix G: Table 20

**Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components) By End-Use Customer Class (a)(b)
(\$/dth)**

	Core (a)					Noncore Transportation						
	Res	Small Comm	Large Comm	Uncomp. NGV	Comp. NGV	Industrial			Natural Gas Vehicle		Electric Gen	
						Dist	Trans	BB	Dist	Trans	D/T	BB
End-Use Transportation:												
Local Transmission & Rate Adders	1.1448	1.1448	1.1448	1.1448	1.1448	0.4983	0.4983	0.0000	0.4983	0.4983	0.4983	0.0000
Distribution (b)	7.1577	3.1647	1.3674	0.7153	13.0056	1.5216	0.0943	0.0000	1.5216	0.0000	0.0296	0.0296
Mandated Customer Programs and Other Charges:												
Self Generation Incentive Program	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091
CPUC Fee	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0112	0.0112
Balancing Accounts	2.2183	1.2650	0.5969	0.4015	3.9001	0.1161	0.0907	0.0890	0.1161	0.0890	0.0724	0.0724
Volumetric End-Use Rate	10.5501	5.6038	3.1384	2.2909	18.0799	2.1654	0.7126	0.1184	2.1654	0.6167	0.6205	0.1223
Customer/ Customer Access Charge (c)	0.0000	0.5888	0.0449	0.0120	0.0000	0.0482	0.0103	0.0084	0.0482	0.0103	0.0067	0.0021
Total End-Use Rate	10.5501	6.1926	3.1832	2.3028	18.0799	2.2136	0.7229	0.1268	2.2136	0.6270	0.6272	0.1244
Gas Public Purpose Program Surcharge	1.0197	0.4371	1.0273	0.2433	0.2433	0.4379	0.3222	0.3222	0.2433	0.2433	0.0000	0.0000
Total Rate	11.5698	6.6297	4.2105	2.5461	18.3232	2.652	1.045	0.449	2.457	0.870	0.627	0.124
Procurement Charges for Core Bundled Customers:												
Storage	0.2407	0.2028	0.1406	0.1318	0.1318							
Backbone Capacity	0.1854	0.1546	0.0993	0.0962	0.0962							
Backbone Usage	0.1057	0.1057	0.1057	0.1057	0.1057							
WACOG	2.4353	2.4353	2.4353	2.4353	2.4353							
Interstate Capacity and Other	0.8004	0.6974	0.5125	0.5021	0.5021							
Total Core Procurement	3.7675	3.5958	3.2934	3.2711	3.2711							
Total Core Bundled Rates	15.3373	10.2255	7.5039	5.8172	21.5943							

	Wholesale Transportation						
	Alpine	Coalinga	Island Energy	Palo Alto	WCG Castle	WCG Mather Dist	WCG Mather Trans
End-Use Transportation:							
Local Transmission & Rate Adders	0.4983	0.4983	0.4983	0.4983	0.4983	0.4983	0.4983
Distribution (b)	0.0000	0.0000	0.0000	0.0000	1.9031	2.5200	0.0000
Mandated Customer Programs and Other Charges:							
Self Generation Incentive Program	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CPUC Fee	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Balancing Accounts	0.0717	0.0717	0.0717	0.0717	0.1038	0.1142	0.0717
Volumetric End-Use Rate	0.5700	0.5700	0.5700	0.5700	2.5053	3.1326	0.5700
Customer/ Customer Access Charge (c)	0.0354	0.0391	0.1618	0.0102	0.0868	0.0502	0.0502
Total End-Use Rate	0.6054	0.6091	0.7318	0.5803	2.5921	3.1828	0.6203
Gas Public Purpose Program Surcharge	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Rate	0.6054	0.6091	0.7318	0.5803	2.5921	3.1828	0.6203

Notes:

- a) Class average rates reflect load shape for bundled core.
- b) Distribution rates represent the annual class average.
- c) Customer access and customer charges represent the class average volumetric equivalent of the monthly charge.

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)
Includes 18 Month Amortization of 2015-2016 Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 20C

**Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2017 Components) By End-Use Customer Class (a)(b)
(\$/dth)**

	Core (a)					Noncore Transportation						
	Res	Small	Large	Uncomp.	Comp.	Industrial			Natural Gas Vehicle		Electric Gen	
		Comm	Comm	NGV	NGV	Dist	Trans	BB	Dist	Trans	D/T	BB
End-Use Transportation:												
Local Transmission & Rate Adders	2.0765	2.0765	2.0765	2.0765	2.0765	0.9063	0.9063	0.0000	0.9063	0.9063	0.9063	0.0000
Distribution (b)	7.1577	3.1647	1.3674	0.7153	13.0056	1.5241	0.0943	0.0000	1.5241	0.0000	0.0296	0.0296
Self Generation Incentive Program	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091
CPUC Fee	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0112	0.0112
Balancing Accounts	2.2183	1.2650	0.5969	0.4015	3.9001	0.1161	0.0907	0.0890	0.1161	0.0890	0.0724	0.0724
Volumetric End-Use Rate	11.4818	6.5355	4.0701	3.2226	19.0116	2.5758	1.1206	0.1184	2.5758	1.0246	1.0285	0.1223
Customer/ Customer Access Charge (c)	0.0000	0.5888	0.0449	0.0120	0.0000	0.0457	0.0097	0.0078	0.0457	0.0097	0.0066	0.0020
Total End-Use Rate	11.4818	7.1243	4.1149	3.2345	19.0116	2.6216	1.1302	0.1262	2.6216	1.0343	1.0351	0.1242
Gas Public Purpose Program Surcharge	1.0197	0.4371	1.0273	0.2433	0.2433	0.4379	0.3222	0.3222	0.2433	0.2433	0.0000	0.0000
Total Rate	12.5015	7.5614	5.1422	3.4778	19.2549	3.0595	1.4524	0.4484	2.8649	1.2776	1.0351	0.1242
Procurement Charges for Core Bundled Customers:												
Storage	0.3067	0.2585	0.1791	0.1679	0.1679							
Backbone Capacity	0.4333	0.3614	0.2321	0.2249	0.2249							
Backbone Usage	0.1194	0.1194	0.1194	0.1194	0.1194							
WACOG	2.4353	2.4353	2.4353	2.4353	2.4353							
Interstate Capacity and Other	0.8004	0.6974	0.5125	0.5021	0.5021							
Total Core Procurement	4.0951	3.8720	3.4784	3.4497	3.4497							
Total Core Bundled Rates	16.5966	11.4334	8.6206	6.9275	22.7046							

	Wholesale Transportation						
	Alpine	Coalinga	Island Energy	Palo Alto	WCG Castle	WCG Mather Dist	WCG Mather Trans
End-Use Transportation:							
Local Transmission & Rate Adders	0.9063	0.9063	0.9063	0.9063	0.9063	0.9063	0.9063
Distribution (b)	0.0000	0.0000	0.0000	0.0000	1.9031	2.5200	0.0000
Self Generation Incentive Program	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CPUC Fee	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Balancing Accounts	0.0717	0.0717	0.0717	0.0717	0.1038	0.1142	0.0717
Volumetric End-Use Rate	0.9780	0.9780	0.9780	0.9780	2.9132	3.5405	0.9780
Customer/ Customer Access Charge (c)	0.0333	0.0367	0.1535	0.0097	0.0823	0.0476	0.0476
Total End-Use Rate	1.0112	1.0147	1.1315	0.9877	2.9955	3.5882	1.0256
Gas Public Purpose Program Surcharge	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Rate	1.0112	1.0147	1.1315	0.9877	2.9955	3.5882	1.0256

- Notes:**
- a) Class average rates reflect load shape for bundled core.
 - b) Distribution rates represent the annual class average.
 - c) Customer access and customer charges represent the class average volumetric equivalent of the monthly charge.

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)
Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 20C

**Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2017 Components) By End-Use Customer Class (a)(b)
(\$/dth)**

	<u>Core (a)</u>					<u>Noncore Transportation</u>						
	<u>Res</u>	<u>Small Comm</u>	<u>Large Comm</u>	<u>Uncomp. NGV</u>	<u>Comp. NGV</u>	<u>Industrial</u>			<u>Natural Gas Vehicle</u>		<u>Electric Gen</u>	
						<u>Dist</u>	<u>Trans</u>	<u>BB</u>	<u>Dist</u>	<u>Trans</u>	<u>D/T</u>	<u>BB</u>
End-Use Transportation:												
Local Transmission & Rate Adders	2.0765	2.0765	2.0765	2.0765	2.0765	0.9063	0.9063	0.0000	0.9063	0.9063	0.9063	0.0000
Distribution (b)	7.1577	3.1647	1.3674	0.7153	13.0056	1.5241	0.0943	0.0000	1.5241	0.0000	0.0296	0.0296
2015 GT&S Late Implementation Amortization (d)	0.3137	0.3137	0.3137	0.3137	0.3137	0.0470	0.0470	(0.1047)	0.0470	0.0470	0.0470	(0.1047)
Self Generation Incentive Program	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091
CPUC Fee	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0203	0.0112	0.0112
Balancing Accounts	2.2183	1.2650	0.5969	0.4015	3.9001	0.1161	0.0907	0.0890	0.1161	0.0890	0.0724	0.0724
Volumetric End-Use Rate	11.7956	6.8492	4.3838	3.5363	19.3253	2.6228	1.1676	0.0137	2.6228	1.0716	1.0755	0.0176
Customer/ Customer Access Charge (c)	0.0000	0.5888	0.0449	0.0120	0.0000	0.0457	0.0097	0.0078	0.0457	0.0097	0.0066	0.0020
Total End-Use Rate	11.7956	7.4381	4.4287	3.5483	19.3253	2.6686	1.1773	0.0215	2.6686	1.0813	1.0821	0.0195
Gas Public Purpose Program Surcharge	1.0197	0.4371	1.0273	0.2433	0.2433	0.4379	0.3222	0.3222	0.2433	0.2433	0.0000	0.0000
Total Rate	12.8153	7.8752	5.4560	3.7916	19.5686	3.1065	1.4995	0.3437	2.9119	1.3246	1.0821	0.0195
Procurement Charges for Core Bundled Customers:												
Storage	0.3067	0.2585	0.1791	0.1679	0.1679							
Backbone Capacity	0.4333	0.3614	0.2321	0.2249	0.2249							
Backbone Usage	0.1194	0.1194	0.1194	0.1194	0.1194							
WACOG	2.4353	2.4353	2.4353	2.4353	2.4353							
Interstate Capacity and Other	0.8004	0.6974	0.5125	0.5021	0.5021							
Total Core Procurement	4.0951	3.8720	3.4784	3.4497	3.4497							
Total Core Bundled Rates	16.9104	11.7472	8.9344	7.2413	23.0183							
	Wholesale Transportation											
			<u>Island Energy</u>	<u>Palo Alto</u>	<u>WCG Castle</u>	<u>WCG Mather Dist</u>	<u>WCG Mather Trans</u>					
End-Use Transportation:	<u>Alpine</u>	<u>Coalinga</u>										
Local Transmission & Rate Adders	0.9063	0.9063	0.9063	0.9063	0.9063	0.9063	0.9063					
Distribution (b)	0.0000	0.0000	0.0000	0.0000	1.9031	2.5200	0.0000					
2015 GT&S Late Implementation Amortization (d)	0.0470	0.0470	0.0470	0.0470	0.0470	0.0470	0.0470					
Self Generation Incentive Program	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
CPUC Fee	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
Balancing Accounts	0.0717	0.0717	0.0717	0.0717	0.1038	0.1142	0.0717					
Volumetric End-Use Rate	1.0250	1.0250	1.0250	1.0250	2.9602	3.5875	1.0250					
Customer/ Customer Access Charge (c)	0.0333	0.0367	0.1535	0.0097	0.0823	0.0476	0.0476					
Total End-Use Rate	1.0582	1.0617	1.1785	1.0347	3.0425	3.6352	1.0726					
Gas Public Purpose Program Surcharge	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
Total Rate	1.0582	1.0617	1.1785	1.0347	3.0425	3.6352	1.0726					

Notes:

- a) Class average rates reflect load shape for bundled core.
- b) Distribution rates represent the annual class average.
- c) Customer access and customer charges represent the class average volumetric equivalent of the monthly charge.
- d) The revenue undercollection is estimated based upon on the difference between the Proposed Decision revenue requirement and interim placeholder revenue requirement that has been in effect since January 1, 2015. These illustrative rates do not reflect application of the revenue sharing mechanism.

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

udes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 R

Appendix G: Table 21

Firm Backbone Transportation
Annual Rates (AFT) -- SFV Rate Design
On-System Transportation Service

		GA V	Interim	2015 GT&S Rates		
		2014	2016	2015	2016	2017
<u>Redwood Path - Core (1)</u>						
Reservation Charge	(\$/dth/mo)	6.3780	7.0192	4.5750	6.7629	13.0730
Usage Charge	(\$/dth)	0.0092	0.0074	0.0005	0.0007	0.0011
Total	(\$/dth @ Full Contract)	0.2188	0.2382	0.1510	0.2230	0.4309
<u>Baja Path - Core (1)</u>						
Reservation Charge	(\$/dth/mo)	7.5567	8.2215	5.7873	7.9758	14.2866
Usage Charge	(\$/dth)	0.0104	0.0087	0.0007	0.0008	0.0012
Total	(\$/dth @ Full Contract)	0.2588	0.2790	0.1910	0.2630	0.4709
<u>Redwood Path - Noncore</u>						
Reservation Charge	(\$/dth/mo)	7.8577	8.6209	6.3754	8.9615	15.2511
Usage Charge	(\$/dth)	0.0080	0.0061	0.0005	0.0007	0.0011
Total	(\$/dth @ Full Contract)	0.2663	0.2896	0.2101	0.2953	0.5025
<u>Baja Path - Noncore</u>						
Reservation Charge	(\$/dth/mo)	9.0486	9.8356	7.5890	10.1753	16.4652
Usage Charge	(\$/dth)	0.0088	0.0070	0.0006	0.0008	0.0011
Total	(\$/dth @ Full Contract)	0.3063	0.3304	0.2501	0.3353	0.5425
<u>Silverado and Mission Paths</u>						
Reservation Charge	(\$/dth/mo)	4.4293	4.8477	3.8356	5.5019	9.5685
Usage Charge	(\$/dth)	0.0082	0.0063	0.0005	0.0006	0.0009
Total	(\$/dth @ Full Contract)	0.1538	0.1657	0.1266	0.1815	0.3154

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 Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 22
Firm Backbone Transportation
Annual Rates (AFT) -- MFV Rate Design
On-System Transportation Service

		GA V 2014	Interim 2016	2015	2015 GT&S Rates	
					2016	2017
<u>Redwood Path - Core (1)</u>						
Reservation Charge	(\$/dth/mo)	4.5126	4.9663	2.4529	4.2401	10.1608
Usage Charge	(\$/dth)	0.0705	0.0749	0.0703	0.0836	0.0968
Total	(\$/dth @ Full Contract)	0.2188	0.2382	0.1510	0.2230	0.4309
<u>Baja Path - Core (1)</u>						
Reservation Charge	(\$/dth/mo)	5.3466	5.8170	3.1029	5.0005	11.1041
Usage Charge	(\$/dth)	0.0831	0.0878	0.0889	0.0986	0.1058
Total	(\$/dth @ Full Contract)	0.2588	0.2790	0.1910	0.2630	0.4709
<u>Redwood Path - Noncore</u>						
Reservation Charge	(\$/dth/mo)	5.2050	5.7105	3.2711	5.4669	11.3868
Usage Charge	(\$/dth)	0.0952	0.1018	0.1026	0.1156	0.1281
Total	(\$/dth @ Full Contract)	0.2663	0.2896	0.2101	0.2953	0.5025
<u>Baja Path - Noncore</u>						
Reservation Charge	(\$/dth/mo)	5.9939	6.5151	3.8938	6.2074	12.2933
Usage Charge	(\$/dth)	0.1093	0.1162	0.1221	0.1312	0.1383
Total	(\$/dth @ Full Contract)	0.3063	0.3304	0.2501	0.3353	0.5425
<u>Silverado and Mission Paths</u>						
Reservation Charge	(\$/dth/mo)	3.1566	3.4544	1.9637	3.3736	7.2048
Usage Charge	(\$/dth)	0.0500	0.0522	0.0620	0.0706	0.0786
Total	(\$/dth @ Full Contract)	0.1538	0.1657	0.1266	0.1815	0.3154

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 Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 23
Firm Backbone Transportation
Seasonal Rates (SFT) -- SFV Rate Design
On-System Transportation Service

		GA V	Interim	2015 GT&S Rates		
		2014	2016	2015	2016	2017
<u>Redwood Path</u>						
Reservation Charge	(\$/dth/mo)	9.4293	10.3450	7.6505	10.7538	18.3014
Usage Charge	(\$/dth)	0.0096	0.0074	0.0006	0.0008	0.0013
Total	(\$/dth @ Full Contract)	0.3196	0.3475	0.2522	0.3544	0.6030
<u>Baja Path - Core (1)</u>						
Reservation Charge	(\$/dth/mo)	9.0680	9.8658	6.9448	9.5709	17.1439
Usage Charge	(\$/dth)	0.0125	0.0104	0.0008	0.0010	0.0014
Total	(\$/dth @ Full Contract)	0.3106	0.3348	0.2291	0.3157	0.5651
<u>Baja Path - Noncore</u>						
Reservation Charge	(\$/dth/mo)	10.8584	11.8027	9.1067	12.2103	19.7583
Usage Charge	(\$/dth)	0.0106	0.0084	0.0008	0.0009	0.0014
Total	(\$/dth @ Full Contract)	0.3676	0.3964	0.3002	0.4024	0.6510
<u>Silverado and Mission Paths</u>						
Reservation Charge	(\$/dth/mo)	5.3151	5.8173	4.6027	6.6023	11.4821
Usage Charge	(\$/dth)	0.0098	0.0076	0.0006	0.0007	0.0010
Total	(\$/dth @ Full Contract)	0.1846	0.1989	0.1519	0.2178	0.3785

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 Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 24

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

		GA V 2013	GA V 2014	Interim 2016	2015	2015 GT&S 2016 Rates	2017
<u>Redwood Path</u>							
Reservation Charge	(\$/dth/mo)	6.2501	6.2460	6.8526	3.9253	6.5603	13.6641
Usage Charge	(\$/dth)	0.1159	0.1142	0.1222	0.1231	0.1387	0.1537
Total	(\$/dth @ Full Contract)	0.3213	0.3196	0.3475	0.2522	0.3544	0.6030
<u>Baja Path - Core (1)</u>							
Reservation Charge	(\$/dth/mo)	6.2731	6.4159	6.9804	3.7234	6.0006	13.3249
Usage Charge	(\$/dth)	0.0952	0.0997	0.1053	0.1067	0.1184	0.1270
Total	(\$/dth @ Full Contract)	0.3015	0.3106	0.3348	0.2291	0.3157	0.5651
<u>Baja Path - Noncore</u>							
Reservation Charge	(\$/dth/mo)	7.0744	7.1926	7.8182	4.6725	7.4488	14.7519
Usage Charge	(\$/dth)	0.1308	0.1311	0.1394	0.1466	0.1575	0.1660
Total	(\$/dth @ Full Contract)	0.3633	0.3676	0.3964	0.3002	0.4024	0.6510
<u>Silverado and Mission Paths</u>							
Reservation Charge	(\$/dth/mo)	3.7710	3.7879	4.1453	2.3565	4.0484	8.6458
Usage Charge	(\$/dth)	0.0594	0.0601	0.0626	0.0744	0.0847	0.0943
Total	(\$/dth @ Full Contract)	0.1834	0.1846	0.1989	0.1519	0.2178	0.3785

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 Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 25

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

		<u>GA V 2014</u>	<u>Interim 2016</u>		<u>2015</u>	<u>2015 GT&S Rates 2016</u>	<u>2017</u>
<u>Redwood Path</u>							
Usage Charge	(\$/dth)	0.3196	0.3475		0.2522	0.3544	0.6030
<u>Baja Path</u>							
Usage Charge	(\$/dth)	0.3676	0.3964		0.3002	0.4024	0.6510
<u>Silverado Path</u>							
Usage Charge	(\$/dth)	0.1846	0.1989		0.1519	0.2178	0.3785
<u>Mission Path</u>							
Usage Charge	(\$/dth)	0.0000	0.0000		0.0000	0.0000	0.0000

Notes:

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

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 26
Backbone Transportation
Annual Rates (AFT-Off)
Off-System Deliveries

		GA V 2014	Interim 2016	2015 GT&S Rates		
				2015	2016	2017
<u>SFV Rate Design</u>						
Redwood, Silverado and Mission Paths Off-System						
Reservation Charge	(\$/dth/mo)	7.8577	8.6209	6.3754	8.9615	15.2511
Usage Charge	(\$/dth)	0.0080	0.0061	0.0005	0.0007	0.0011
Total	(\$/dth @ Full Contract)	0.2663	0.2896	0.2101	0.2953	0.5025
Baja Path Off-System						
Reservation Charge	(\$/dth/mo)	9.0486	9.8356	7.5890	10.1753	16.4652
Usage Charge	(\$/dth)	0.0088	0.0070	0.0006	0.0008	0.0011
Total	(\$/dth @ Full Contract)	0.3063	0.3304	0.2501	0.3353	0.5425
<u>MFV Rate Design</u>						
Redwood, Silverado and Mission Paths Off-System						
Reservation Charge	(\$/dth/mo)	5.2050	5.7105	3.2711	5.4669	11.3868
Usage Charge	(\$/dth)	0.0952	0.1018	0.1026	0.1156	0.1281
Total	(\$/dth @ Full Contract)	0.2663	0.2896	0.2101	0.2953	0.5025
Baja Path Off-System						
Reservation Charge	(\$/dth/mo)	5.9939	6.5151	3.8938	6.2074	12.2933
Usage Charge	(\$/dth)	0.1093	0.1162	0.1221	0.1312	0.1383
Total	(\$/dth @ Full Contract)	0.3063	0.3304	0.2501	0.3353	0.5425
<u>As-Available Service</u>						
Redwood, Silverado, and Mission Paths, (From Citygate) Off-System - Noncore						
Usage Charge	(\$/dth)	0.3196	0.3475	0.2522	0.3544	0.6030
Mission Paths (From on-system storage) Off-System						
Usage Charge	(\$/dth)	0.0000	0.0000	0.0000	0.0000	0.0000
Baja Path Off-System - Noncore						
Usage Charge	(\$/dth)	0.3676	0.3964	0.3002	0.4024	0.6510

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 Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 27
Firm Transportation
Expansion Shippers -- Annual Rates (G-XF)
SFV Rate Design

		<u>GA V</u> <u>2014</u>	<u>Interim</u> <u>2016</u>		<u>2015</u>	<u>2015 GT&S Rates</u> <u>2016</u>	<u>2017</u>
<u>SFV Rate Design</u>							
Reservation Charge	(\$/dth/mo)	5.5594	5.5594		4.4778	5.1938	5.9476
Usage Charge	(\$/dth)	0.0035	0.0035		0.0001	0.0001	0.0001
Total	(\$/dth @ Full Contract)	0.1863	0.1863		0.1473	0.1708	0.1956

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 Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 28
Storage Service Rates

		GA V	Interim	2015 GT&S Rates		
		2014	2016	2015	2016	2017
<u>Core Firm Storage (G-CFS)</u>						
Reservation Charge	(\$/dth/mo)	\$0.126	\$0.1285	\$0.125	\$0.150	\$0.192
<u>Standard Firm Storage (G-SFS)</u>						
Reservation Charge	(\$/dth/mo)	\$0.240	\$0.2447	\$0.282	\$0.310	\$0.319
<u>Negotiated Firm Storage (G-NFS)</u>						
Injection	(\$/dth/d)	\$6.025	\$6.1457	\$5.451	\$5.983	\$6.157
Inventory	(\$/dth)	\$2.879	\$2.9366	\$3.385	\$3.715	\$3.824
Withdrawal	(\$/dth/d)	\$20.861	\$21.2779	\$24.916	\$27.347	\$28.146
<u>Negotiated As-Available Storage (G-NAS) - Maximum Rate</u>						
Injection	(\$/dth/d)	\$6.025	\$6.1457	\$5.451	\$5.983	\$6.157
Withdrawal	(\$/dth/d)	\$20.861	\$21.2779	\$24.916	\$27.347	\$28.146
<u>Market Center Services (Parking and Lending Services)</u>						
Maximum Daily Charge (\$/Dth/d)		\$1.099	\$1.1206	\$1.132	\$1.237	\$1.260
Minimum Rate (per transaction)		\$57.00	\$57.0000	\$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 Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)
Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

Appendix G: Table 29
Local Transmission Rates
\$/dth

Customer Groups	GA V 2013	GA V 2014	Interim 2016	2015	2015 GT&S Rates 2016	2017
Core Retail Local Transmission	0.4241	0.4333	0.4749	0.8173	1.1448	2.0765
Noncore Retail and Wholesale	0.1990	0.2121	0.2325	0.3647	0.4983	0.9063

Notes:

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

**2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)**

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates

**Appendix G: Table 30
Customer Access Charge Rates
(\$ per Month)**

		<u>GA V 2014</u>	<u>Interim 2016</u>		<u>2015</u>	<u>2015 GT&S Rates 2016</u>	<u>2017</u>
<u>G-EG / G-NT (\$/month)</u>							
	(Therms/Month)						
Tier 1	0 to 5,000	\$60.90	\$62.12		\$33.00	\$37.25	\$35.35
Tier 2	5,001 to 10,000	\$181.41	\$185.04		\$98.30	\$110.97	\$105.31
Tier 3	10,001 to 50,000	\$337.64	\$344.40		\$182.96	\$206.55	\$196.00
Tier 4	50,001 to 200,000	\$443.12	\$451.98		\$240.11	\$271.07	\$257.23
Tier 5	200,001 to 1,000,000	\$642.93	\$655.79		\$348.38	\$393.30	\$373.23
Tier 6	1,000,001 and above	\$5,453.67	\$5,562.75		\$2,955.15	\$3,336.18	\$3,165.90
<u>Wholesale (\$/month)</u>							
Alpine		\$323.79	\$330.27		\$158.04	\$178.42	\$169.31
Coalinga		\$1,431.99	\$1,460.63		\$698.94	\$789.06	\$748.79
Island Energy		\$970.23	\$989.63		\$473.56	\$534.62	\$507.33
Palo Alto		\$4,774.56	\$4,870.05		\$2,330.44	\$2,630.93	\$2,496.65
West Coast Gas - Castle		\$831.84	\$848.48		\$406.02	\$458.37	\$434.97
West Coast Gas - Mather		\$760.18	\$775.38		\$371.04	\$418.88	\$397.50

**2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)**

Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 F

**Appendix G: Table 31
Self Balancing Credit
\$/dth**

	<u>GA V 2014</u>	<u>Interim 2016</u>		<u>2015</u>	<u>2015 GT&S Rates 2016</u>	<u>2017</u>
Self Balancing Credit	(\$0.0132)	(\$0.0135)		(\$0.0133)	(\$0.0159)	(\$0.0201)

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.

**2015 Gas Transmission and Storage Ratecase
 Adopted Safety Program Costs (\$850 Million All Expense)
 Proposed Decision Table Updated To Include 2017 Rates
 Appendix G: Table 33**

PACIFIC GAS AND ELECTRIC COMPANY

Illustrative Bill Impacts of Adopted 2016 and 2017 Rates Compared to 2016 AGT Rates and Adopted 2016 Rates

RESIDENTIAL CLASS		Rates Effective January 1, 2016 (A)	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components) (B)	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2017 Components)
Line No.				
1	Non-CARE Residential Illustrative Bundled Rate* (\$/th)	\$1.37074	\$1.43176	\$1.55769
2	State-Mandated Residential Public Purpose Program Surcharge (\$/th)	\$0.10197	\$0.10197	\$0.10197
3	End-User Total Rate and Surcharge (\$/th)	\$1.47271	\$1.53373	\$1.65966
4	Average Monthly Use per Residential Customer (therms)	34	34	34
5	Average Non-CARE Residential Customer Monthly Bill (\$)	\$50.07	\$52.15	\$56.43
6	Change in Average Non-CARE Residential Bill		\$2.08	\$4.28
7	% Change in Average Annual Non-CARE Residential Bill		4.2%	8.2%
SMALL COMMERCIAL CLASS		(A)	(B)	
8	Non-CARE Small Commercial Illustrative Bundled Rate* (\$/th)	\$0.91699	\$0.97884	\$1.09963
9	State-Mandated Small Commercial Public Purpose Program Surcharge (\$/th)	\$0.04371	\$0.04371	\$0.04371
10	End-User Total Rate and Surcharge (\$/th)	\$0.96070	\$1.02255	\$1.14334
11	Average Monthly Use per Small Commercial Customer (therms)	284	284	284
12	Average Non-CARE Small Commercial Customer Monthly Bill (\$)	\$272.84	\$290.41	\$324.71
13	Change in Average Non-CARE Small Commercial Bill		\$17.57	\$34.30
14	% Change in Average Annual Non-CARE Small Commercial Bill		6.4%	11.8%

* CARE customers receive a discount of 20% off of PG&E's bundled residential rates and are exempt from paying CARE-related portions of PG&E's G-PPPS rates.

2015 Gas Transmission and Storage Ratecase
Adopted Safety Program Costs (\$850 Million All Expense)
Includes 18 Month Amortization of 2015-2016 Illustrative Revenue Undercollection in End Use 2016 and 2017 Rates
Appendix G: Table 33A

PACIFIC GAS AND ELECTRIC COMPANY
Illustrative Bill Impacts of Adopted 2016 and 2017 Rates Compared to 2016 AGT Rates and Adopted 2016 Rates

RESIDENTIAL CLASS		Rates Effective January 1, 2016 (A)	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components) (B)	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2017 Components)
Line No.				
1	Non-CARE Residential Illustrative Bundled Rate* (\$/th)	\$1.37074	\$1.46303	\$1.58907
2	State-Mandated Residential Public Purpose Program Surcharge (\$/th)	\$0.10197	\$0.10197	\$0.10197
3	End-User Total Rate and Surcharge (\$/th)	\$1.47271	\$1.56500	\$1.69104
4	Average Monthly Use per Residential Customer (therms)	34	34	34
5	Present Average Non-CARE Residential Customer Monthly Bill (\$)	\$50.07	\$53.21	\$57.50
6	Change in Average Non-CARE Residential Bill		\$3.14	\$4.29
7	% Change in Average Annual Non-CARE Residential Bill		6.3%	8.1%
SMALL COMMERCIAL CLASS		Rates Effective January 1, 2016 (A)	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components) (B)	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2017 Components)
8	Non-CARE Small Commercial Illustrative Bundled Rate* (\$/th)	\$0.91699	\$1.01011	\$1.13101
9	State-Mandated Small Commercial Public Purpose Program Surcharge (\$/th)	\$0.04371	\$0.04371	\$0.04371
10	End-User Total Rate and Surcharge (\$/th)	\$0.96070	\$1.05382	\$1.17472
11	Average Monthly Use per Small Commercial Customer (therms)	284	284	284
12	Present Average Non-CARE Small Commercial Customer Monthly Bill (\$)	\$272.84	\$299.28	\$333.62
13	Change in Average Non-CARE Small Commercial Bill		\$26.44	\$34.34
14	% Change in Average Annual Non-CARE Small Commercial Bill		9.7%	11.5%

The revenue undercollection is estimated based upon on the difference between the Proposed Decision revenue requirement and interim placeholder revenue requirement that has been in effect since January 1, 2015. These illustrative rates do not reflect application of the revenue sharing mechanism.

* CARE customers receive a discount of 20% off of PG&E's bundled residential rates and are exempt from paying CARE-related portions of PG&E's G-PPPS rates.