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APPENDIX G

SAFETY PROGRAM COSTS ($850 MILLION)

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Section A - Costs and Results of Operations (RO) Tables

APPENDIX G

Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)

Safety Program Costs ($850 million)

Section A - Costs and Results of Operations (RO) Tables

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APPENDIX G: Table 1
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Expense Program Proposal Based on Adopted
(Thousands of Nominal Dollars)

Line	Exhibit (PG&E-1 & 2) Chapter	Chapter Name	Programs	Sub-Programs	Related MWC	2015 Adopted	2015 Removed Portion	2015 Revised Amount
						(A)	*(B)*	*(C)=(A)+(B)*
1	4A	Transmission Pipe Integrity and Emergency Response Programs						
2			ILI **(Note 1)**		HP, II, JT, KE, KF, 34	31,521	(31,521)	0
3				ILI Casings		3,545		
4				Non-Traditional ILI		146		
5				Non-Traditional ILI DE&R		-		
6				Traditional ILI		14,521		
7				Traditional ILI DE&R		13,310		
8			Direct Assessment **(Note 1)**		HP, II	23,500	(23,500)	0
9				External Critical Direct Assessment - ECDA		12,979		
10				Internal Critical Direct Assessment - ICDA		7,664		
11				Stress Corrosion Cracking Direct Assessment - SCCDA		2,857		
12			Hydrostatic Testing **(Note 1)**		HP, II, JT, KE, KF, 34	148,390	(102,810)	45,580
13				Hydrostatic Testing		145,842		
14				Hydrostatic Testing - LNG/CNG		2,548		
15			Earthquake Fault Crossings		JT	2,590		
16			Geo-Hazard Threat Identification		HP, JT, 34	211		
17			Programs to Enhance Integrity Management		HP, II, JT, KE, KF	7,315		
18				Risk Analysis		6,263		
19				Root Cause Analysis		1,052		
20			Inoperable and Hard to Operate Valves		KE, JT	242		
21						213,770		
22	4B	Transmission Pipe Engineering Programs	Class Location Program		HP, JT, KF, JO	3,985		
23			Water and Levee Crossing		JT	1,372		
24			Shallow Pipe Program		JT	3,073		
25						8,429		
26	6	Asset Family - Facilities	Routine Spend C&P		JT	8,440		
27			Hydrostatic Testing C&P		JT	455		
28			Engineering Critical Assessment Phase 2		JT, 34	8,682		
29			Routine Spend M&C		34, JT, KE, KF	8,390		
30			Hydrostatic Testing M&C		JT, 34	5,471		
31			Engineering Critical Assessment Phase 1		JT, KF, 34	15,634		
32						47,071		
33	7	Corrosion Control	Cathodic Protection Rectifier		JO	450		
34			Cathodic Protection Monitoring		JO	1,820		
35			Cathodic Protection Resurvey		JO	177		
36			Cathodic Protection Troubleshooting		JO	177		
37			CP Corrective Maintenance		JO	1,340		
38			Corrosion Investigations		HP, 34	5,455		
39			Close Interval Survey		HP	8,759		
40			AC Interference		HP, 34	528		
41			DC Interference		HP, 34	2,552		
42			Casings		HP, 34	39,592		
43			Internal Corrosion		HP	8,784		
44			Atmospheric Corrosion Inspection and Remediation		JO, JT, HP, 34	20,437		
45						90,070		
46	8	Gas Transmission System Operations and Maintenance	Locate and Mark		DF	8,986		
47			Pipeline Maintenance		JO, KE, KF	30,182		
48				Leak Management		6,128		
49				Required Pipeline Patrol		8,553		
50				Pipeline Maintenance and Repair		11,200		
51				Operate Transmission Pipeline		3,406		
52				Right-of-Way Support		895		
53		Maintenance	Expense Projects		JT, KF	36,960		
54				Pipeline Projects		30,614		
55				Permits and Fees Projects		6,346		
56						76,128		
57					Grand Total	435,469	(157,831)	277,637

Note 1: Expense reduction is $157.8 million taken out of ILI, Direct Assessment and Hydrostatic Testing first. Reduction = $850.0M less Capital Portion of $692.2M = $157.8M

APPENDIX G: Table 2
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Capital Addition Program Proposal Based on Adopted
(Thousands of Nominal Dollars)

						2015	2016		2017		
Line	Exhibit (PG&E-1 & 2) Chapter	Chapter Name	Programs	Sub-Programs	Related MWC	Gross Additions	Increase	Gross Additions	Increase	Gross Additions	Total
						(A)	(B)	(C)=(A)+(B)	(D)	(E)=(C)+(D)	(F)=(A)+(C)+(E)
1	4A	Transmission Pipe Integrity and Emergency Response Programs	ILI **(Note 1)**	Traditional ILI Cost	44, 98	42,231	26,014	68,245	9,779	78,024	188,499
2				Non-Traditional ILI Cost	98	2,650	9,444	12,094	535	12,628	27,372
3						44,881	35,458	***80,339***	10,313	90,652	215,871
4			Hydrostatic Testing **(Note 1)**	Hydrotest - LNG/CNG Cost	73	2,781	63	2,845	73	2,918	8,544
5				Hydrostatic Testing	75	20,147	459	20,606	531	21,137	61,891
6						22,928	523	***23,451***	604	24,056	70,435
7			Earthquake Fault Crossings		44, 75	4,732	108	4,840	125	4,964	14,535
8			Vintage Pipe Replacement **(Note 1)**		44, 75	154,870	3,532	***158,401***	4,083	162,484	475,755
9			Geo-hazard Threat Identification		44, 75	7,058	161	7,219	186	7,405	21,682
10			Valve Automation		75	39,714	906	40,619	1,047	41,666	121,999
11			Inoperable and Hard to Operate Valves		75	6,296	144	6,439	166	6,605	19,340
12						280,478	40,831	321,308	16,524	337,832	939,619
13	4B	Transmission Pipe Engineering Programs	Class Location Program		44, 75	16,029	366	16,395	423	16,817	49,241
14			Water and Levee Crossing Program		44, 75	12,563	286	12,849	330	13,179	38,591
15			Shallow Pipe Program		44, 75	16,198	369	16,567	427	16,994	49,759
16						44,790	1,021	45,811	1,180	46,990	137,591
17	6	Asset Family - Facilities	Routine Capital Spending - C&P		44, 76	30,823	702	31,525	788	32,313	94,660
18			Gas Transmission SCADA Visibility		76	5,330	122	5,451	141	5,592	16,372
19			Routine Capital Spending - M&C		75, 76	19,318	441	19,759	509	20,268	59,345
20						55,471	1,264	56,735	1,437	58,172	170,378
21	7	Corrosion Control	CP Systems - Replace		75	3,063	70	3,133	80	3,213	9,408
22			CP Systems - New		75	7,708	176	7,884	202	8,086	23,677
23			Coupon Test Stations		75	1,105	25	1,131	29	1,160	3,396
24			AC Interference Mitigation		75	4,272	97	4,370	113	4,482	13,125
25			DC Interference Mitigation		44, 75	757	17	774	20	794	2,324
26			Casings		44,75	15,992	365	16,357	421	16,778	49,128
27			Internal Corrosion		75, 84	503	11	514	13	528	1,545
28			(Reference Information on Other Historical Work)		75	0	0	0	0	0	0
29						33,400	762	34,162	879	35,041	102,603
30	9	Program Management Office	Program Management Office		75	6,124	140	6,264	161	6,425	18,814
31						6,124	140	6,264	161	6,425	18,814
32	10	Gas System Operations	Capacity		73	9,715	222	9,937	256	10,193	29,844
33						9,715	222	9,937	256	10,193	29,844
34					Grand Total	429,977	44,239	474,216	20,437	494,654	1,398,848

35	Sub-total - 2016 Sum of ILI, Hydrostatic Testing and Vintage Pipe Replacement *[Col (C): Ln3 + Ln6 + Ln8]*	**262,191**
36	Capital Portion of $850 Penalty *[Ln34, Col (A) + Ln35]*	**692,169**

Note 1: Net spend in 2016 of $262.2 million capital additions for ILI, Hydrostatic Testing and Vintage Pipe Replacement is removed in total. Remaining expense reduction is $157.8 million ($850M - $430.0M - $262.2M = $157.8M)

APPENDIX G: Table 3
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S) - Safety Program Costs ($850 million) Position Summary
Results of Operations Summary of Adopted over Authorized Gas Accord V
Results of Operations - Test Year 2015
(Thousands of Dollars)

			PG&E Application Testimony Exhibit (PG&E-2)		Adopted		
Line No.	Description	2014 Authorized [1]	2015 Proposed [2]	Difference from Authorized	2015	Difference from Authorized	Line No.
		(a)	(b)	(c)=(b)-(a)	(d)	(e)=(d)-(a)	
	REVENUE:						
1	Revenue Collected in Rates	731,125	1,286,329	555,203	960,215	229,090	1
2	Plus Other Operating Revenue	2,698	2,871	173	2,871	173	2
3	Total Operating Revenue	733,823	1,289,200	555,377	963,087	229,263	3
	OPERATING EXPENSES:						
4	Energy Costs	-	-	-	-	-	4
5	Production	3,618	1,919	(1,699)	1,908	(1,711)	5
6	Storage	19,108	18,867	(242)	18,618	(490)	6
7	Transmission	169,766	582,904	413,137	511,228	341,461	7
8	Distribution	336	346	10	346	10	8
9	Customer Accounts	2,528	3,483	954	3,483	954	9
10	Uncollectibles	2,238	4,709	2,471	3,126	888	10
11	Customer Services	7,784	5,955	(1,829)	5,955	(1,829)	11
12	Administrative and General	41,273	70,243	28,970	66,612	25,339	12
13	Franchise Requirements	7,012	12,137	5,125	9,046	2,034	13
14	Amortization	-	-	-	-	-	14
15	Wage Change Impacts	-	-	-	-	-	15
16	Other Price Change Impacts	-	-	-	-	-	16
17	Other Adjustments	10,611	-	(10,611)	(158,609)	(169,220)	17
18	Subtotal Expenses:	264,276	700,563	436,287	461,713	197,437	18
	TAXES:						
19	Superfund	-	-	-	-	-	19
20	Property	31,161	37,577	6,416	32,437	1,276	20
21	Payroll	5,327	12,333	7,006	11,456	6,129	21
22	Business	49	67	19	67	19	22
23	Other	212	162	(50)	162	(50)	23
24	State Corporation Franchise	9,789	4,477	(5,313)	10,580	791	24
25	Federal Income	74,433	96,141	21,708	94,672	20,238	25
26	Total Taxes	120,971	150,756	29,785	149,374	28,403	26
27	Depreciation	132,129	151,345	19,216	126,186	(5,943)	27
28	Fossil Decommissioning	-	-	-	-	-	28
29	Nuclear Decommissioning	-	-	-	-	-	29
30	Total Operating Expenses	517,376	1,002,664	485,288	737,273	219,897	30
31	Net for Return	216,490	286,536	70,047	225,814	9,325	31
	Adjustments to Revenue Requirement for Rate Design:						
32	Carrying Cost of Working Gas & Load Balancing Gas	3,584	566	(3,018)	566	(3,018)	32
33	Greenhouse Gas (GHG) Costs	4,268		(4,268)		(4,268)	33
34	Fractional first year Adder project not in rates	(1,462)		1,462		1,462	34
35	Adder projects not operative by EOY 2013	(22,136)		22,136		22,136	35
36	Subtotal Rate Design Adjustments:	(15,746)	566	16,311	566	16,311	36
37	Adjusted Revenue Requirement for Rate Design	715,380	1,286,895	571,515	960,781	245,401	37
37	Ex-parte penalty (5/12 of Difference in Column E)			-	(102,251)		37
38	Final adjusted Revenue Requirement for Rate Design	715,380	1,286,895	571,515	858,530	143,151	38
38	**Percentage Change From Authorized**			**79.9%**		**20.0%**	38

(1) Gas Accord V Decision 11-04-031 + PSEP Decision 12-12-030
(2) 2015 Gas Transmission & Storage Request + PSEP Update 13-10-017

APPENDIX G: Table 4

Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Results of Operations Summary at Proposed (PG&E Brief) and Adopted - Test Year 2015
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	PG&E Brief (1)	Adopted	Difference	Line No.
		(A)	(B)	(C) = (B) - (A)	
	REVENUE:				
1	Retail Revenue Collected in Rates	1,262,815	960,215	(302,600)	1
2	Plus Other Operating Revenue	2,871	2,871	0	2
3	Total Operating Revenue	1,265,687	963,087	(302,600)	3
	OPERATING EXPENSES:				
4	Energy Costs	0	0	0	4
5	Production / Procurement	1,919	1,908	(12)	5
6	Storage	18,640	18,618	(21)	6
7	Transmission	582,705	511,228	(71,477)	7
8	Distribution	346	346	0	8
9	Customer Accounts	3,483	3,483	0	9
10	Uncollectibles	4,681	3,126	(1,555)	10
11	Customer Services	5,955	5,955	0	11
12	Administrative and General	66,612	66,612	0	12
13	Franchise Requirements	11,883	9,046	(2,837)	13
14	Amortization	0	0	0	14
15	Wage Change Impacts	0	0	0	15
16	Other Price Change Impacts	0	0	0	16
17	Other Adjustments	997	(158,609)	(159,606)	17
18	Subtotal Expenses:	697,220	461,713	(235,507)	18
	TAXES:				
19	Superfund	0	0	0	19
20	Property	37,672	32,437	(5,235)	20
21	Payroll	12,155	11,456	(699)	21
22	Business	67	67	0	22
23	Other	162	162	0	23
24	State Corporation Franchise	2,924	10,580	7,656	24
25	Federal Income	93,481	94,672	1,190	25
26	Total Taxes	146,461	149,374	2,913	26
27	Depreciation	143,665	126,186	(17,479)	27
28	Fossil Decommissioning	0	0	0	28
29	Nuclear Decommissioning	0	0	0	29
30	Total Operating Expenses	987,346	737,273	(250,074)	30
31	Net for Return	278,341	225,814	(52,526)	31
32	Rate Base	3,454,172	2,802,038	(652,135)	32
	RATE OF RETURN:				
33	On Rate Base	**8.06%**	**8.06%**		33
34	On Equity	**10.40%**	**10.40%**		34

(1) *PG&E Opening Brief* model at page 1-17. Further details shown in RO workpapers, Exhibit ALJ-1.

APPENDIX G: Table 5
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Income Taxes at Proposed and Adopted - Test Year 2015
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	PG&E Brief (1)	Adopted	Difference	Line No.
		(A)	(B)	(C) = (B) - (A)	
1	Revenues	1,265,687	963,087	(302,600)	1
2	O&M Expenses	697,220	461,713	(235,507)	2
3	Nuclear Decommissioning Expense	0	0	0	3
4	Superfund Tax	0	0	0	4
5	Taxes Other Than Income	50,056	44,122	(5,934)	5
6	Subtotal	518,411	457,252	(61,159)	6
	DEDUCTIONS FROM TAXABLE INCOME:				
7	Interest Charges	89,615	72,696	(16,919)	7
8	Fiscal/Calendar Adjustment	1,753	196	(1,557)	8
9	Operating Expense Adjustments	(5,245)	(5,245)	0	9
10	Capitalized Interest Adjustment	0	0	0	10
11	Removal Costs	39,309	14,395	(24,914)	11
12	Vacation Accrual Reduction	(768)	(768)	0	12
13	Capitalized Other	8,725	8,725	0	13
14	Subtotal Deductions	133,389	89,999	(43,389)	14
	CCFT TAXES:				
15	State Operating Expense Adjustment	1,144	1,138	(7)	15
16	State Tax Depreciation - Declining Balance	0	0	0	16
17	State Tax Depreciation - Fixed Assets	289,454	219,612	(69,842)	17
18	State Tax Depreciation - Other	0	0	0	18
19	Capitalized Other	401	398	(2)	19
20	Repair Allowance	43,948	9,431	(34,518)	20
21	Subtotal Deductions	468,336	320,578	(147,758)	21
22	Taxable Income for CCFT	50,075	136,674	86,599	22
23	CCFT	4,427	12,082	7,655	23
24	State Tax Adjustment	0	0	0	24
25	Current CCFT	4,427	12,082	7,655	25
26	Deferred Taxes - Reg Asset	0	0	0	26
27	Deferred Taxes - Interest	101	101	(1)	27
28	Deferred Taxes - Vacation	(68)	(68)	0	28
29	Deferred Taxes - Other	0	0	0	29
30	Deferred Taxes - Fixed Assets	(1,536)	(1,534)	1	30
31	Total CCFT	2,924	10,580	7,656	31
	FEDERAL TAXES:				
32	CCFT - Prior Year	(31,832)	(24,085)	7,746	32
33	Federal Operating Expense Adjustment	397	393	(3)	33
34	Fed. Tax Depreciation - Declining Balance	0	0	0	34
35	Federal Tax Depreciation - SLRL	0	0	0	35
36	Federal Tax Depreciation - Fixed Assets	278,229	173,075	(105,153)	36
37	Federal Tax Depreciation - Other	0	0	0	37
38	Capitalized Other	401	398	(2)	38
39	Repair Allowance	43,948	9,431	(34,518)	39
40	Preferred Dividend Credit	49	49	(0)	40
41	Subtotal Deductions	424,581	249,261	(175,320)	41
42	Taxable Income for FIT	93,830	207,991	114,161	42
43	Federal Income Tax	32,841	72,797	39,956	43
44	Deferred Taxes - Reg Asset	0	0	0	44
45	Tax Effect of MTD & Prod Tax Credits	0	0	0	45
46	Deferred Taxes - Interest	139	138	(1)	46
47	Deferred Taxes - Vacation	(269)	(269)	0	47
48	Deferred Taxes - Other	0	0	0	48
49	Deferred Taxes - Fixed Assets	60,771	22,006	(38,765)	49
50	Total Federal Income Tax	93,481	94,672	1,190	50

(1) *PG&E Opening Brief* model at page 1-17. Further details shown in RO workpapers, Exhibit ALJ-1.

APPENDIX G: Table 6

Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Ratebase at Proposed and Adopted - Test Year 2015
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	PG&E Brief (1)	Adopted	Difference	Line No.
		(A)	(B)	(C) = (B) - (A)	
	WEIGHTED AVERAGE PLANT:				
1	Plant Beginning Of Year (BOY)	5,609,415	5,002,013	(607,402)	1
2	Net Additions	200,102	77,731	(122,371)	2
3	Total Weighted Average Plant	5,809,517	5,079,744	(729,773)	3
	WORKING CAPITAL:				
4	Material and Supplies - Fuel	0	0	0	4
5	Material and Supplies - Other	29,846	29,846	0	5
6	Working Cash	42,713	23,002	(19,712)	6
7	Total Working Capital	72,559	52,847	(19,712)	7
	ADJUSTMENTS FOR TAX REFORM ACT:				
8	Deferred Capitalized Interest	4,664	4,653	(11)	8
9	Deferred Vacation	11,535	11,533	(2)	9
10	Deferred CIAC Tax Effects	218	218	0	10
11	Total Adjustments	16,417	16,404	(13)	11
12	CUSTOMER ADVANCES	18,770	18,770	0	12
	DEFERRED TAXES				
13	Accumulated Regulatory Assets	0	0	0	13
14	Accumulated Fixed Assets	537,226	388,544	(148,682)	14
15	Accumulated Other	0	0	0	15
16	Deferred ITC	5,843	5,818	(25)	16
17	Deferred Tax - Other	0	0	0	17
18	Total Deferred Taxes	543,070	394,362	(148,707)	18
19	DEPRECIATION RESERVE	1,882,481	1,933,826	51,344	19
20	TOTAL Ratebase	3,454,172	2,802,038	(652,135)	20

(1) *PG&E Opening Brief* model at page 1-17. Further details shown in RO workpapers, Exhibit ALJ-1.

APPENDIX G: Table 7
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Results of Operations at Adopted by Unbundled Cost Category (UCC) - Test Year 2015
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	GT - Gathering (501)	GS - Storage Services - McDonald Island (511)	GS - Storage Services - Los Medanos/Pleasant Creek (512)	GS - Storage Services - Gill Ranch (513)	GT - Local Transmission (520)	GT - Transmission: Northern Path – Line 401 (521)	GT - Transmission: Northern Path – Line 400 (522)	GT - Transmission: Northern Path – Line 2 (523)	GT - Transmission: Southern Path – Line 300 North Milpitas to Panoche (524)	GT - Transmission: Southern Path – Line 300 South Topock to Panoche (525)	GT - Transmission: Bay Area Loop (526)	GT - Customer Access Charge (CAC) (540)	GT&S + PSEP Total Year 2015	Line No.
	REVENUE:														
1	Base Revenue Requirement	8,943	65,841	26,792	11,386	601,248	67,043	31,830	6,857	24,664	83,380	29,483	2,746	960,215	1
2	Plus Other Operating Revenue	0	0	0	0	763	777	0	0	0	1,332	0	0	2,871	2
3	Total Operating Revenue	8,943	65,841	26,792	11,386	602,011	67,820	31,830	6,857	24,664	84,712	29,483	2,746	963,087	3
	OPERATING EXPENSES:														
4	Energy Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Gathering	110	111	52	25	1,238	21	58	4	29	231	28	0	1,908	5
6	Storage	137	9,522	3,683	314	3,984	66	186	12	95	528	92	0	18,618	6
7	Transmission	2,854	11,612	7,034	1,845	356,210	10,809	18,414	4,698	23,334	58,675	15,742	0	511,228	7
8	Distribution	0	0	0	0	0	0	0	0	0	0	0	346	346	8
9	Customer Accounts	57	149	70	0	1,651	28	77	5	39	219	38	1,151	3,483	9
10	Uncollectibles	29	213	87	37	1,940	220	103	22	80	274	94	9	3,109	10
11	Customer Services	145	379	178	0	4,217	70	197	13	100	559	97	0	5,955	11
12	Administrative and General	1,629	4,242	1,990	0	47,176	785	2,196	145	1,117	6,248	1,085	0	66,612	12
13	Franchise Requirements	84	619	252	107	5,675	637	299	64	232	797	279	26	9,070	13
14	Amortization	0	0	0	0	0	0	0	0	0	0	0	0	0	14
15	Wage Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	15
16	Other Price Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	Other Adjustments	(278)	(990)	(342)	0	(114,772)	(898)	(4,095)	(1,610)	(9,229)	(19,537)	(6,858)	0	(158,609)	17
18	Subtotal Expenses:	4,767	25,857	13,004	2,328	307,317	11,738	17,435	3,355	15,796	47,993	10,597	1,532	461,720	18
	TAXES:														
19	Superfund	0	0	0	0	0	0	0	0	0	0	0	0	0	19
20	Property	358	2,579	856	532	17,351	3,929	1,249	323	506	3,258	1,438	60	32,437	20
21	Payroll	92	301	239	37	6,644	214	472	147	843	1,721	694	52	11,456	21
22	Business	2	4	2	0	48	1	2	0	1	6	1	0	67	22
23	Other	4	10	5	0	114	2	5	0	3	15	3	0	162	23
24	State Corporation Franchise	(1)	1,136	338	347	5,997	2,223	61	23	128	81	194	54	10,580	24
25	Federal Income	375	6,609	2,315	1,770	65,651	8,681	1,668	432	1,082	2,971	3,165	(50)	94,669	25
26	Total Taxes	830	10,639	3,754	2,685	95,806	15,049	3,458	926	2,563	8,051	5,495	116	149,371	26
27	Depreciation	1,706	10,848	3,615	1,777	62,585	18,256	5,170	1,092	2,561	13,906	3,717	954	126,186	27
28	Fossil Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	28
29	Nuclear Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	29
30	Total Operating Expenses	7,303	47,345	20,373	6,789	465,708	45,042	26,063	5,372	20,920	69,951	19,809	2,601	737,277	30
31	Net for Return	1,640	18,496	6,419	4,597	136,303	22,778	5,767	1,485	3,744	14,761	9,674	144	225,810	31
32	Rate Base	20,355	229,521	79,654	57,046	1,691,331	282,662	71,571	18,431	46,463	183,174	120,038	1,791	2,802,038	32
	RATE OF RETURN:														
33	On Rate Base	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	33
34	On Equity	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	34

APPENDIX G: Table 8
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Income Taxes Adopted by UCC - Test Year 2015
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	GT - Gathering (501)	GS - Storage Services - McDonald Island (511)	GS - Storage Services - Los Medanos/Pleasant Creek (512)	GS - Storage Services - Gill Ranch (513)	GT - Local Transmission (520)	GT - Transmission: Northern Path – Line 401 (521)	GT - Transmission: Northern Path – Line 400 (522)	GT - Transmission: Northern Path – Line 2 (523)	GT - Transmission: Southern Path – Line 300 North Milpitas to Panoche (524)	GT - Transmission: Southern Path – Line 300 South Topock to Panoche (525)	GT - Transmission: Bay Area Loop (526)	GT - Customer Access Charge (CAC) (540)	GT&S + PSEP Total Year 2015	
1	Revenues	8,943	65,841	26,792	11,386	602,011	67,820	31,830	6,857	24,664	84,712	29,483	2,746	963,087	1
2	O&M Expenses	4,767	25,857	13,004	2,328	307,317	11,738	17,435	3,355	15,796	47,993	10,597	1,532	461,720	2
3	Nuclear Decommissioning Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	3
4	Superfund Tax	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Taxes Other Than Income	456	2,894	1,101	568	24,157	4,146	1,729	471	1,353	5,000	2,136	112	44,122	5
6	Subtotal	3,721	37,089	12,687	8,490	270,536	51,937	12,667	3,032	7,515	31,719	16,750	1,102	457,245	6
	DEDUCTIONS FROM TAXABLE INCOME:														
7	Interest Charges	528	5,955	2,067	1,480	43,880	7,333	1,857	478	1,205	4,752	3,114	46	72,696	7
8	Fiscal/Calendar Adjustment	3	(15)	(8)	(6)	358	(87)	(19)	(3)	(5)	(33)	16	(5)	196	8
9	Operating Expense Adjustments	(98)	(272)	(125)	(4)	(2,839)	(1,262)	(131)	(9)	(67)	(374)	(65)	0	(5,245)	9
10	Capitalized Interest Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	10
11	Removal Costs	248	965	875	0	9,120	87	1,093	171	469	1,121	245	0	14,395	11
12	Vacation Accrual Reduction	(0)	(12)	(4)	(2)	(9)	(739)	(0)	(0)	(0)	(2)	(0)	0	(768)	12
13	Capitalized Other	213	556	261	0	6,179	103	288	19	146	818	142	0	8,725	13
14	Subtotal Deductions	894	7,177	3,065	1,468	56,690	5,436	3,086	656	1,749	6,283	3,453	42	89,999	14
	CCFT TAXES:														
15	State Operating Expense Adjustment	23	302	96	62	697	(481)	99	26	45	227	41	1	1,138	15
16	State Tax Depreciation - Declining Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	State Tax Depreciation - Fixed Assets	2,684	16,888	5,699	3,099	137,738	5,700	8,407	1,874	3,738	22,856	10,476	452	219,612	17
18	State Tax Depreciation - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	18
19	Capitalized Overhead	8	1	1	0	243	0	34	8	15	75	14	0	398	19
20	Repair Allowance	104	15	7	0	6,603	3	353	230	513	1,128	473	0	9,431	20
21	Subtotal Deductions	3,713	24,384	8,868	4,630	201,971	10,658	11,980	2,794	6,060	30,570	14,458	494	320,578	21
22	Taxable Income for CCFT	8	12,705	3,819	3,860	68,566	41,279	687	238	1,456	1,149	2,292	608	136,667	22
23	CCFT	1	1,123	338	341	6,061	3,649	61	21	129	102	203	54	12,081	23
24	State Tax Adjustment	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Current CCFT	1	1,123	338	341	6,061	3,649	61	21	129	102	203	54	12,081	25
26	Deferred Taxes - Reg Asset	0	0	0	0	0	0	0	0	0	0	0	0	0	26
27	Deferred Taxes - Interest	2	27	9	6	62	(43)	9	2	4	20	4	0	101	27
28	Deferred Taxes - Vacation	(0)	(1)	(0)	(0)	(1)	(65)	(0)	(0)	(0)	(0)	(0)	0	(68)	28
29	Deferred Taxes - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	29
30	Deferred Taxes - Fixed Assets	(4)	(13)	(7)	0	(125)	(1,319)	(8)	(0)	(4)	(40)	(13)	0	(1,534)	30
31	Total CCFT	(1)	1,136	338	347	5,997	2,223	61	23	128	81	194	54	10,580	31
	FEDERAL TAXES:														
32	CCFT - Prior Year	200	1,172	211	239	(34,037)	4,095	283	45	24	3,094	337	252	(24,085)	32
33	Federal Operating Expense Adjustment	12	234	74	49	353	(560)	52	15	24	121	22	0	393	33
34	Fed. Tax Depreciation - Declining Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	34
35	Federal Tax Depreciation - SLRL	0	0	0	0	0	0	0	0	0	0	0	0	0	35
36	Federal Tax Depreciation - Fixed Assets	1,783	11,654	4,397	1,727	111,235	7,239	5,093	1,382	2,964	15,663	9,621	318	173,075	36
37	Federal Tax Depreciation - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	37
38	Capitalized Overhead	8	1	1	0	243	0	34	8	15	75	14	0	398	38
39	Repair Allowance	104	15	7	0	6,603	3	353	230	513	1,128	473	0	9,431	39
40	Preferred Dividend Credit	1	1	0	0	29	0	4	1	2	9	2	0	49	40
41	Subtotal Deductions	3,003	20,254	7,755	3,483	141,116	16,212	8,905	2,337	5,290	26,374	13,921	612	249,261	41
42	Taxable Income for FIT	718	16,835	4,932	5,007	129,421	35,725	3,762	695	2,225	5,346	2,829	490	207,984	42
43	Federal Income Tax	251	5,892	1,726	1,752	45,297	12,504	1,317	243	779	1,871	990	172	72,794	43
44	Deferred Taxes - Reg Asset	0	0	0	0	0	0	0	0	0	0	0	0	0	44
45	Tax Effect of MTD & Prod Tax Credits	0	0	0	0	0	0	0	0	0	0	0	0	0	45
46	Deferred Taxes - Interest	4	82	26	17	124	(196)	18	5	8	42	8	0	138	46
47	Deferred Taxes - Vacation	(0)	(4)	(1)	(1)	(3)	(259)	(0)	(0)	(0)	(1)	(0)	0	(269)	47
48	Deferred Taxes - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	48
49	Deferred Taxes - Fixed Assets	120	639	564	1	20,234	(3,368)	334	183	295	1,058	2,168	(222)	22,006	49
50	Total Federal Income Tax	375	6,609	2,315	1,770	65,651	8,681	1,668	432	1,082	2,971	3,165	(50)	94,669	50

APPENDIX G: Table 9
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Rate Base Adopted by UCC - Test Year 2015
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	GT - Gathering (501)	GS - Storage Services - McDonald Island (511)	GS - Storage Services - Los Medanos/Pleasant Creek (512)	GS - Storage Services - Gill Ranch (513)	GT - Local Transmission (520)	GT - Transmission: Northern Path – Line 401 (521)	GT - Transmission: Northern Path – Line 400 (522)	GT - Transmission: Northern Path – Line 2 (523)	GT - Transmission: Southern Path – Line 300 North Milpitas to Panoche (524)	GT - Transmission: Southern Path – Line 300 South Topock to Panoche (525)	GT - Transmission: Bay Area Loop (526)	GT - Customer Access Charge (CAC) (540)	GT&S + PSEP Total Year 2015	Line No.
	WEIGHTED AVERAGE PLANT:														
1	Plant Beginning of Year	56,036	441,124	144,361	76,080	2,431,730	770,090	212,813	51,275	102,102	529,199	170,211	16,992	5,002,013	1
2	Net Additions	1,148	3,192	2,640	0	40,933	14,799	1,907	791	1,996	8,683	1,643	0	77,731	2
3	Total Weighted Average Plant	57,183	444,317	147,000	76,080	2,472,663	784,889	214,720	52,066	104,098	537,883	171,854	16,992	5,079,744	3
	WORKING CAPITAL:														
4	Material and Supplies - Fuel	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Material and Supplies - Other	0	574	269	0	28,554	449	0	0	0	0	0	0	29,846	5
6	Working Cash	517	1,997	865	64	15,040	624	1,033	125	154	2,433	78	71	23,002	6
7	Total Working Capital	517	2,571	1,135	64	43,594	1,073	1,033	125	154	2,433	78	71	52,847	7
	ADJUSTMENTS FOR TAX REFORM ACT:														
8	Deferred Capitalized Interest	19	(33)	(10)	(6)	568	3,741	88	21	39	191	36	0	4,653	8
9	Deferred Vacation	4	173	57	33	130	11,098	6	0	3	25	3	0	11,533	9
10	Deferred CIAC Tax Effects	0	0	0	0	0	0	0	0	0	0	0	218	218	10
11	Total Adjustments	23	140	46	27	697	14,839	94	21	42	216	39	218	16,404	11
12	CUSTOMER ADVANCES	0	0	0	0	18,770	0	0	0	0	0	0	0	18,770	12
	DEFERRED TAXES														
13	Accumulated Regulatory Assets	0	0	0	0	0	0	0	0	0	0	0	0	0	13
14	Accumulated Fixed Assets	6,101	33,674	9,843	8,292	152,918	94,283	22,034	5,175	3,965	40,746	11,105	409	388,544	14
15	Accumulated Other	0	0	0	0	0	0	0	0	0	0	0	0	0	15
16	Deferred ITC	97	656	219	126	2,993	10	381	84	171	889	157	35	5,818	16
17	Deferred Tax - Other	0	0	0	0	0	0	0	0	0	0	0	0	0	17
18	Total Deferred Taxes	6,198	34,330	10,062	8,417	155,910	94,293	22,415	5,259	4,136	41,635	11,262	444	394,362	18
19	DEPRECIATION RESERVE	31,169	183,176	58,465	10,708	650,944	423,846	121,861	28,522	53,695	315,722	40,671	15,046	1,933,826	19
20	TOTAL RATE BASE	20,355	229,521	79,654	57,046	1,691,331	282,662	71,571	18,431	46,463	183,174	120,038	1,791	2,802,038	20

APPENDIX G: Table 10
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Results of Operations at Adopted by UCC - Implementing Ex-parte Penalty Adjustment - Test Year 2015
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	GT - Gathering (501)	GS - Storage Services - McDonald Island (511)	GS - Storage Services - Los Medanos/Pleasant Creek (512)	GS - Storage Services - Gill Ranch (513)	GT - Local Transmission (520)	GT - Transmission: Northern Path – Line 401 (521)	GT - Transmission: Northern Path – Line 400 (522)	GT - Transmission: Northern Path – Line 2 (523)	GT - Transmission: Southern Path – Line 300 North Milpitas to Panoche (524)	GT - Transmission: Southern Path – Line 300 South Topock to Panoche (525)	GT - Transmission: Bay Area Loop (526)	GT - Customer Access Charge (CAC) (540)	Gas Transmission Total Year 2015	Line No.
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
	REVENUE:														
1	Base Revenue Requirement	7,991	58,830	23,939	10,174	537,223	59,904	28,441	6,127	22,038	74,501	26,344	2,453	857,965 (a)	1
2	Plus Other Operating Revenue	0	0	0	0	763	777	0	0	0	1,332	0	0	2,871	2
3	Total Operating Revenue	7,991	58,830	23,939	10,174	537,986	60,681	28,441	6,127	22,038	75,833	26,344	2,453	860,836	3
	OPERATING EXPENSES:														
4	Energy Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Gathering	110	111	52	25	1,238	21	58	4	29	231	28	0	1,908	5
6	Storage	137	9,522	3,683	314	3,984	66	186	12	95	528	92	0	18,618	6
7	Transmission	2,854	11,612	7,034	1,845	356,210	10,809	18,414	4,698	23,334	58,675	15,742	0	511,228	7
8	Distribution	0	0	0	0	0	0	0	0	0	0	0	346	346	8
9	Customer Accounts	57	149	70	0	1,651	28	77	5	39	219	38	1,151	3,483	9
10	Uncollectibles	26	191	78	33	1,732	197	92	20	71	245	84	8	2,777	10
11	Customer Services	145	379	178	0	4,217	70	197	13	100	559	97	0	5,955	11
12	Administrative and General	1,629	4,242	1,990	0	47,176	785	2,196	145	1,117	6,248	1,085	0	66,612	12
13	Franchise Requirements	75	553	225	96	5,073	570	267	58	207	713	250	23	8,110	13
14	Amortization	0	0	0	0	0	0	0	0	0	0	0	0	0	14
15	Wage Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	15
16	Other Price Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	Other Adjustments	(1,214)	(7,874)	(3,143)	(1,191)	(177,636)	(7,907)	(7,423)	(2,327)	(11,808)	(28,255)	(9,941)	(287)	(259,005)	17
18	Subtotal Expenses:	3,820	18,885	10,166	1,122	243,644	4,638	14,064	2,628	13,184	39,163	7,475	1,241	360,031	18
	TAXES:														
19	Superfund	0	0	0	0	0	0	0	0	0	0	0	0	0	19
20	Property	358	2,579	856	532	17,351	3,929	1,249	323	506	3,258	1,438	60	32,437	20
21	Payroll	92	301	239	37	6,644	214	472	147	843	1,721	694	52	11,456	21
22	Business	2	4	2	0	48	1	2	0	1	6	1	0	67	22
23	Other	4	10	5	0	114	2	5	0	3	15	3	0	162	23
24	State Corporation Franchise	(2)	1,133	337	346	5,973	2,220	60	23	127	78	192	54	10,540	24
25	Federal Income	374	6,598	2,311	1,768	65,554	8,670	1,663	431	1,078	2,957	3,161	(50)	94,514	25
26	Total Taxes	828	10,626	3,749	2,682	95,684	15,035	3,451	924	2,558	8,035	5,489	115	149,176	26
27	Depreciation	1,706	10,848	3,615	1,777	62,585	18,256	5,170	1,092	2,561	13,906	3,717	954	126,186	27
28	Fossil Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	28
29	Nuclear Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	29
30	Total Operating Expenses	6,354	40,359	17,530	5,581	401,913	37,929	22,686	4,645	18,303	61,104	16,681	2,310	635,393	30
31	Net for Return	1,637	18,471	6,409	4,593	136,073	22,752	5,755	1,483	3,735	14,730	9,663	143	225,443	31
32	Rate Base	20,313	229,209	79,527	56,992	1,688,475	282,343	71,420	18,398	46,346	182,778	119,898	1,778	2,797,478	32
	RATE OF RETURN:														
33	On Rate Base	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	33
34	On Equity	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	34

(a) Excludes Carrying Cost of Working Gas & Load Balancing Gas as shown on Appendix G: Table 3, Ln. 32.

APPENDIX G: Table 11

Pacific Gas and Electric Company

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

Safety Program Costs ($850 million)

Adopted PTYR Results of Operations at Proposed Rates (2015-2017)

Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded

(Thousands of Dollars)

Line No.	Description	Test Year 2015	Attrition Year 2016 Increase	Attrition Year 2016 Total	Attrition Year 2017 Increase	Attrition Year 2017 Total	Line No.
		(A)	(B)	(C)	(D)	(E)	
	REVENUE:						
1	Revenue Collected in Rates	960,215	171,696	1,131,911	69,627	1,201,538	1
2	Plus Other Operating Revenue	2,871	-	2,871	-	2,871	2
3	Total Operating Revenue	963,087	171,696	1,134,783	69,627	1,204,410	3
	OPERATING EXPENSES:						
4	Energy Costs	-	-	-	-	-	4
5	Production	1,908	49	1,957	49	2,006	5
6	Storage	18,618	466	19,085	526	19,611	6
7	Transmission	511,228	21,126	532,354	53,516	585,870	7
8	Distribution	346	9	355	9	364	8
9	Customer Accounts	3,483	102	3,585	94	3,680	9
10	Uncollectibles	3,109	588	3,697	235	3,931	10
11	Customer Services	5,955	175	6,130	161	6,291	11
12	Administrative and General	66,612	2,038	68,650	2,071	70,721	12
13	Franchise Requirements	9,070	1,633	10,703	672	11,375	13
14	Amortization	-	-	-	-	-	14
15	Wage Change Impacts	-	-	-	-	-	15
16	Other Price Change Impacts	-	-	-	-	-	16
17	Other Adjustments	(158,609)	156,155	(2,454)	(2,093)	(4,547)	17
18	Subtotal Expenses:	461,720	182,342	644,061	55,239	699,301	18
	TAXES:						
19	Superfund	-	-	-	-	-	19
20	Property	32,437	3,683	36,120	3,195	39,315	20
21	Payroll	11,456	340	11,796	307	12,103	21
22	Business	67	-	67	-	67	22
23	Other	162	-	162	-	162	23
24	State Corporation Franchise	10,580	(2,247)	8,333	(5,916)	2,417	24
25	Federal Income	94,669	(20,204)	74,466	(13,176)	61,289	25
26	Total Taxes	149,371	(18,427)	130,943	(15,590)	115,353	26
27	Depreciation	126,186	7,192	133,378	12,979	146,357	27
28	Fossil Decommissioning	-	-	-	-	-	28
29	Nuclear Decommissioning	-	-	-	-	-	29
30	Total Operating Expenses	737,277	171,106	908,383	52,628	961,011	30
31	Net for Return	225,810	589	226,400	16,999	243,399	31
32	Rate Base	2,802,038	7,449	2,809,487	210,961	3,020,447	32
	RATE OF RETURN:						
33	On Rate Base	**8.06%**	**7.91%**	**8.06%**	**8.06%**	**8.06%**	33
34	On Equity	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	34

APPENDIX G: Table 12
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Adopted PTYR Income Taxes at Proposed Rates (2015-2017)
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	Test Year 2015	Attrition Year 2016 Increase	Attrition Year 2016 Total	Attrition Year 2017 Increase	Attrition Year 2017 Total	Line No.
		(A)	(B)	(C)	(D)	(E)	
1	Revenues	963,087	171,696	1,134,783	69,627	1,204,410	1
2	O&M Expenses	461,720	182,342	644,061	55,239	699,301	2
3	Nuclear Decommissioning Expense	-	-	-	-	-	3
4	Superfund Tax	-	-	-	-	-	4
5	Taxes Other Than Income	44,122	4,023	48,145	3,502	51,647	5
6	Subotal	457,245	(14,669)	442,576	10,886	453,462	6
	DEDUCTIONS FROM TAXABLE INCOME:						
7	Interest Charges	72,696	193	72,889	5,473	78,362	7
8	Fiscal/Calendar Adjustment	196	-	196	-	196	8
9	Operating Expense Adjustments	(5,245)	-	(5,245)	-	(5,245)	9
10	Capitalized Interest Adjustment	-	-	-	-	-	10
11	Removal Costs	14,395	-	14,395	21,708	36,103	11
12	Vacation Accrual Reduction	(768)	-	(768)	-	(768)	12
13	Capitalized Other	8,725	-	8,725	-	8,725	13
14	Subtotal Deductions	89,999	193	90,193	27,181	117,374	14
	CCFT TAXES:						
15	State Operating Expense Adjustment	1,138	-	1,138	-	1,138	15
16	State Tax Depreciation - Declining Balance	-	-	-	-	-	16
17	State Tax Depreciation - Fixed Assets	219,612	10,556	230,168	21,029	251,197	17
18	State Tax Depreciation - Other	-	-	-	-	-	18
19	Capitalized Overhead	398	-	398	-	398	19
20	Repair Allowance	9,431	-	9,431	29,596	39,027	20
21	Subtotal Deductions	320,578	10,749	331,327	77,806	409,134	21
22	Taxable Income for CCFT	136,667	(25,419)	111,249	(66,920)	44,328	22
23	CCFT	12,081	(2,247)	9,834	(5,916)	3,919	23
24	State Tax Adjustment	-	-	-	-	-	24
25	Current CCFT	12,081	(2,247)	9,834	(5,916)	3,919	25
26	Deferred Taxes - Reg Asset	-	-	-	-	-	26
27	Deferred Taxes - Interest	101	-	101	-	101	27
28	Deferred Taxes - Vacation	(68)	-	(68)	-	(68)	28
29	Deferred Taxes - Other	-	-	-	-	-	29
30	Deferred Taxes - Fixed Assets	(1,534)	-	(1,534)	-	(1,534)	30
31	Total CCFT	10,580	(2,247)	8,333	(5,916)	2,417	31
	FEDERAL TAXES:						
32	CCFT - Prior Year	(24,085)	36,167	12,081	(2,247)	9,834	32
33	Federal Operating Expense Adjustment	393	-	393	-	393	33
34	Fed. Tax Depreciation - Declining Balance	-	-	-	-	-	34
35	Federal Tax Depreciation - SLRL	-	-	-	-	-	35
36	Federal Tax Depreciation - Fixed Assets	173,075	4,260	177,336	19,237	196,573	36
37	Federal Tax Depreciation - Other	-	-	-	-	-	37
38	Capitalized Overhead	398	-	398	-	398	38
39	Repair Allowance	9,431	-	9,431	29,596	39,027	39
40	Preferred Dividend Credit	49	-	49	-	49	40
41	Subtotal Deductions	249,261	40,620	289,881	73,768	363,648	41
42	Taxable Income for FIT	207,984	(55,289)	152,695	(62,882)	89,813	42
43	Federal Income Tax	72,794	(19,351)	53,443	(22,009)	31,435	43
44	Deferred Taxes - Reg Asset	-	-	-	-	-	44
45	Tax Effect of MTD & Prod Tax Credits	-	-	-	-	-	45
46	Deferred Taxes - Interest	138	-	138	-	138	46
47	Deferred Taxes - Vacation	(269)	-	(269)	-	(269)	47
48	Deferred Taxes - Other	-	-	-	-	-	48
49	Deferred Taxes - Fixed Assets	22,006	(852)	21,153	8,832	29,986	49
50	Total Federal Income Tax	94,669	(20,204)	74,466	(13,176)	61,289	50

APPENDIX G: Table 13
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Adopted 2016 PTYR Results of Operations by UCC
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	GT - Gathering (501)	GS - Storage Services - McDonald Island (511)	GS - Storage Services - Los Medanos/Pleasant Creek (512)	GS - Storage Services - Gill Ranch (513)	GT - Local Transmission (520)	GT - Transmission: Northern Path – Line 401 (521)	GT - Transmission: Northern Path – Line 400 (522)	GT - Transmission: Northern Path – Line 2 (523)	GT - Transmission: Southern Path – Line 300 North Milpitas to Panoche (524)	GT - Transmission: Southern Path – Line 300 South Topock to Panoche (525)	GT - Transmission: Bay Area Loop (526)	GT - Customer Access Charge (CAC) (540)	Gas Transmission Total Year 2016	Line No.
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
	REVENUE:														
1	Base Revenue Requirement	9,520	66,685	28,031	10,928	719,629	69,098	35,473	8,187	37,675	105,988	37,920	2,776	1,131,911	1
2	Plus Other Operating Revenue	0	0	0	0	763	777	0	0	0	1,332	0	0	2,871	2
3	Total Operating Revenue	9,520	66,685	28,031	10,928	720,391	69,875	35,473	8,187	37,675	107,320	37,920	2,776	1,134,783	3
	OPERATING EXPENSES:														
4	Energy Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Gathering	113	114	54	26	1,270	21	59	4	30	237	29	0	1,957	5
6	Storage	141	9,754	3,781	321	4,086	68	190	13	97	541	94	0	19,085	6
7	Transmission	2,920	11,583	7,198	1,889	373,062	12,282	17,420	4,032	25,914	59,672	16,381	0	532,354	7
8	Distribution	0	0	0	0	0	0	0	0	0	0	0	355	355	8
9	Customer Accounts	59	153	72	0	1,700	28	79	5	40	225	39	1,185	3,585	9
10	Uncollectibles	31	218	92	36	2,345	228	116	27	123	350	123	9	3,697	10
11	Customer Services	150	391	183	0	4,341	72	202	13	103	575	100	0	6,130	11
12	Administrative and General	1,679	4,372	2,050	0	48,619	809	2,263	150	1,151	6,439	1,118	0	68,650	12
13	Franchise Requirements	89	627	263	103	6,803	656	333	77	354	1,010	360	26	10,703	13
14	Amortization	0	0	0	0	0	0	0	0	0	0	0	0	0	14
15	Wage Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	15
16	Other Price Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	Other Adjustments	0	(16)	0	0	(2,262)	0	(2)	0	(9)	(55)	(109)	0	(2,454)	17
18	Subtotal Expenses:	5,181	27,194	13,693	2,374	439,962	14,165	20,662	4,321	27,804	68,995	18,136	1,575	644,061	18
	TAXES:														
19	Superfund	0	0	0	0	0	0	0	0	0	0	0	0	0	19
20	Property	374	2,715	918	532	20,056	4,065	1,323	346	596	3,512	1,624	60	36,120	20
21	Payroll	95	310	246	38	6,841	221	486	152	868	1,772	715	54	11,796	21
22	Business	2	4	2	0	48	1	2	0	1	6	1	0	67	22
23	Other	4	10	5	0	114	2	5	0	3	15	3	0	162	23
24	State Corporation Franchise	3	1,055	340	310	3,858	2,120	50	35	147	133	226	55	8,333	24
25	Federal Income	482	6,386	2,350	1,590	43,827	8,589	1,785	517	1,212	4,368	3,335	25	74,466	25
26	Total Taxes	959	10,480	3,860	2,469	74,743	14,997	3,652	1,051	2,827	9,806	5,904	193	130,943	26
27	Depreciation	1,771	11,162	3,856	1,777	67,243	18,630	5,413	1,193	2,863	14,496	4,021	954	133,378	27
28	Fossil Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	28
29	Nuclear Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	29
30	Total Operating Expenses	7,912	48,836	21,408	6,620	581,949	47,792	29,726	6,566	33,494	93,297	28,061	2,721	908,383	30
31	Net for Return	1,608	17,848	6,623	4,308	138,443	22,083	5,747	1,621	4,182	14,023	9,859	54	226,400	31
32	Rate Base	19,959	221,496	82,194	53,460	1,717,963	274,044	71,323	20,118	51,893	174,022	122,338	675	2,809,487	32
	RATE OF RETURN:														
33	On Rate Base	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.05%**	**8.06%**	33
34	On Equity	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	34

APPENDIX G: Table 14
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Adopted 2017 PTYR Results of Operations by UCC
Total Gas Transmission Base Revenue Requirement Request - incl. PSEP Recorded
(Thousands of Dollars)

Line No.	Description	GT - Gathering (501)	GS - Storage Services - McDonald Island (511)	GS - Storage Services - Los Medanos/Pleasant Creek (512)	GS - Storage Services - Gill Ranch (513)	GT - Local Transmission (520)	GT - Transmission: Northern Path – Line 401 (521)	GT - Transmission: Northern Path – Line 400 (522)	GT - Transmission: Northern Path – Line 2 (523)	GT - Transmission: Southern Path – Line 300 North Milpitas to Panoche (524)	GT - Transmission: Southern Path – Line 300 South Topock to Panoche (525)	GT - Transmission: Bay Area Loop (526)	GT - Customer Access Charge (CAC) (540)	Gas Transmission Total Year 2017	Line No.
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	
	REVENUE:														
1	Base Revenue Requirement	9,706	66,833	29,232	10,450	765,746	70,616	35,269	8,701	37,733	126,300	38,308	2,646	1,201,538	1
2	Plus Other Operating Revenue	0	0	0	0	763	777	0	0	0	1,332	0	0	2,871	2
3	Total Operating Revenue	9,706	66,833	29,232	10,450	766,508	71,393	35,269	8,701	37,733	127,632	38,308	2,646	1,204,410	3
	OPERATING EXPENSES:														
4	Energy Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Gathering	116	117	55	27	1,301	22	61	4	31	243	30	0	2,006	5
6	Storage	144	10,028	3,897	328	4,186	70	195	13	99	555	96	0	19,611	6
7	Transmission	2,987	11,850	7,364	1,934	404,916	13,279	16,973	4,225	25,209	80,610	16,523	0	585,870	7
8	Distribution	0	0	0	0	0	0	0	0	0	0	0	364	364	8
9	Customer Accounts	60	157	74	0	1,744	29	81	5	41	231	40	1,216	3,680	9
10	Uncollectibles	32	218	96	34	2,501	233	115	28	123	417	125	9	3,931	10
11	Customer Services	154	401	188	0	4,455	74	208	14	106	590	103	0	6,291	11
12	Administrative and General	1,730	4,503	2,112	0	50,085	833	2,331	154	1,186	6,633	1,152	0	70,721	12
13	Franchise Requirements	91	629	275	98	7,251	671	331	82	355	1,202	366	25	11,375	13
14	Amortization	0	0	0	0	0	0	0	0	0	0	0	0	0	14
15	Wage Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	15
16	Other Price Change Impacts	0	0	0	0	0	0	0	0	0	0	0	0	0	16
17	Other Adjustments	0	(48)	0	0	(3,990)	0	(5)	0	(27)	(161)	(317)	0	(4,547)	17
18	Subtotal Expenses:	5,313	27,855	14,060	2,420	472,451	15,211	20,291	4,526	27,124	90,320	18,118	1,613	699,301	18
	TAXES:														
19	Superfund	0	0	0	0	0	0	0	0	0	0	0	0	0	19
20	Property	390	2,794	977	532	22,285	4,193	1,393	369	725	3,899	1,700	60	39,315	20
21	Payroll	97	318	252	39	7,019	226	499	156	891	1,818	733	55	12,103	21
22	Business	2	4	2	0	48	1	2	0	1	6	1	0	67	22
23	Other	4	10	5	0	114	2	5	0	3	15	3	0	162	23
24	State Corporation Franchise	(8)	930	336	274	(181)	2,083	(82)	30	(141)	(904)	38	43	2,417	24
25	Federal Income	485	6,155	2,516	1,459	35,118	8,883	1,484	559	464	1,424	2,763	(23)	61,289	25
26	Total Taxes	970	10,211	4,088	2,303	64,403	15,389	3,301	1,114	1,943	6,258	5,238	135	115,353	26
27	Depreciation	1,849	11,566	4,151	1,777	76,087	19,276	5,761	1,304	3,376	15,789	4,467	954	146,357	27
28	Fossil Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	28
29	Nuclear Decommissioning	0	0	0	0	0	0	0	0	0	0	0	0	0	29
30	Total Operating Expenses	8,132	49,631	22,298	6,500	612,941	49,876	29,353	6,944	32,443	112,367	27,823	2,702	961,011	30
31	Net for Return	1,574	17,201	6,933	3,950	153,567	21,517	5,916	1,757	5,290	15,265	10,485	(56)	243,399	31
32	Rate Base	19,530	213,464	86,043	49,014	1,905,663	267,029	73,416	21,804	65,648	189,433	130,100	(697)	3,020,447	32
	RATE OF RETURN:														
33	On Rate Base	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	**8.06%**	33
34	On Equity	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	**10.40%**	34

APPENDIX G

SAFETY PROGRAM COSTS ($850 MILLION)

Section B - Rates

APPENDIX G
Pacific Gas and Electric Company
2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Safety Program Costs ($850 million)
Section B - Rates

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 15

PACIFIC GAS AND ELECTRIC COMPANY

Illustrative End-Use Class Average Rates ($/dth) (e)

Line No.		Rates Effective January 1, 2014 with Adopted 2014 GT&S Components and PSEP Update (a)	Rates Effective January 1, 2014 with Adopted 2015 GT&S (Year 2015 Components)	$ Change (d)	% Change	Rates Effective Janaury 1, 2016	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components)	$ Change (d)	% Change
	Core Retail Bundled Service (c)								
1	Residential Non-CARE**/***	12.215	12.916	0.701	5.7%	14.727	16.189	1.462	9.9%
2	Small Commercial Non-CARE**	9.372	10.054	0.682	7.3%	9.607	11.035	1.428	14.9%
3	Large Commercial	7.296	7.965	0.669	9.2%	6.870	8.240	1.371	20.0%
4	Uncompressed Core NGV	6.408	7.075	0.667	10.4%	5.183	6.548	1.365	26.3%
5	Compressed Core NGV	18.941	19.608	0.667	3.5%	20.960	22.325	1.366	6.5%
	Core Retail Transport Only (d)								
6	Residential Non-CARE**/***	6.951	7.523	0.572	8.2%	10.900	12.186	1.286	11.8%
7	Small Commercial	4.310	4.882	0.572	13.3%	5.960	7.246	1.286	21.6%
8	Large Commercial	2.626	3.197	0.572	21.8%	3.541	4.827	1.286	36.3%
9	Uncompressed Core NGV	1.731	2.302	0.572	33.0%	1.876	3.163	1.286	68.6%
10	Compressed Core NGV	14.264	14.835	0.572	4.0%	17.653	18.940	1.286	7.3%
	Noncore Retail Transportation Only (d)								
11	Industrial – Distribution	1.883	2.092	0.209	11.1%	2.386	2.920	0.534	22.4%
12	Industrial – Transmission	0.868	1.071	0.202	23.3%	0.788	1.314	0.526	66.7%
13	Industrial – Backbone	0.477	0.430	(0.047)	-9.9%	0.457	0.449	-0.008	-1.7%
14	Uncompressed Noncore NGV – Di	1.767	1.976	0.209	11.9%	2.191	2.725	0.534	24.4%
15	Uncompressed Noncore NGV – Tr	0.747	0.950	0.202	27.1%	0.613	1.139	0.526	85.7%
16	Electric Generation – Distribution/T	0.496	0.703	0.207	41.7%	0.366	0.896	0.530	144.8%
17	Electric Generation – Backbone	0.162	0.123	(0.039)	-24.0%	0.124	0.124	0.000	0.1%
	Wholesale Transportation Only (d)								
18	Alpine Natural Gas	0.485	0.670	0.185	38.2%	0.364	0.874	0.510	140.2%
19	Coalinga	0.493	0.673	0.180	36.5%	0.373	0.878	0.505	135.6%
20	Island Energy	0.685	0.782	0.096	14.1%	0.568	1.000	0.432	76.0%
21	Palo Alto	0.444	0.647	0.203	45.7%	0.322	0.849	0.526	163.2%
22	West Coast Gas - Castle	1.592	1.727	0.135	8.5%	2.397	2.861	0.464	19.4%
23	West Coast Gas - Mather D	1.861	2.023	0.161	8.7%	2.964	3.451	0.487	16.4%
24	West Coast Gas - Mather T	0.522	0.683	0.161	30.9%	0.402	0.889	0.487	121.3%

Notes:

a) 2014 rates are based on PG&E's 2014 January 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. 2015 impacts reflect the adopted 2015 GT&S rate components compared to the 2014 GT&S rate components

b) 2016 rates are based on PG&E's 2016 Annual Gas True-up (AGT) filing per Advice Letter 3644-G and Gas Accord V rates filed in Advice Letter 3547-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 Letters 3374-G for 2014 and 3644-G for 2016. 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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 16

PACIFIC GAS AND ELECTRIC COMPANY

Illustrative End-Use Noncore and Wholesale Class Average Rates with Procurement Proxy (a)

($/dth) (d)

Line No.		Rates Effective January 1, 2014 with Adopted 2014 GT&S Components and PSEP Update (a)	Rates Effective January 1, 2014 with Adopted 2015 GT&S (Year 2015 Components)	$ Change (d)	% Change	Rates Effective Janaury 1, 2016	Rates Effective January 1, 2016 with Adopted 2015 GT&S (Year 2016 Components)	$ Change (d)	% Change
	Noncore Retail with Procurement Proxy								
1	Industrial – Distribution	5.853	6.042	0.189	3.2%	5.692	6.306	0.613	10.8%
2	Industrial – Transmission	4.838	5.021	0.182	3.8%	4.095	4.699	0.605	14.8%
3	Industrial – Backbone	4.448	4.380	(0.067)	-1.5%	3.763	3.835	0.072	1.9%
4	Uncompressed Noncore NGV – Distrib	5.737	5.926	0.189	3.3%	5.498	6.111	0.613	11.2%
5	Uncompressed Noncore NGV – Transr	4.718	4.900	0.182	3.9%	3.920	4.525	0.605	15.4%
6	Electric Generation – Distribution/Trans	4.466	4.653	0.187	4.2%	3.672	4.281	0.609	16.6%
7	Electric Generation – Backbone	4.132	4.073	(0.059)	-1.4%	3.431	3.510	0.079	2.3%
	Wholesale with Procurement Proxy								
8	Alpine Natural Gas	4.455	4.620	0.165	3.7%	3.670	4.260	0.589	16.1%
9	Coalinga	4.464	4.623	0.160	3.6%	3.679	4.263	0.584	15.9%
10	Island Energy	4.655	4.732	0.076	1.6%	3.875	4.386	0.511	13.2%
11	Palo Alto	4.414	4.598	0.183	4.1%	3.629	4.234	0.605	16.7%
12	West Coast Gas - Castle	5.562	5.677	0.115	2.1%	5.703	6.246	0.543	9.5%
13	West Coast Gas - Mather D	5.832	5.973	0.141	2.4%	6.271	6.837	0.566	9.0%
14	West Coast Gas - Mather T	4.492	4.633	0.141	3.1%	3.708	4.275	0.566	15.3%

Notes:

a) Proxy based on average core gas commodity costs and Canadian, interstate, intrastate backbone and transmission shrinkage costs.

b) 2014 rates are based on PG&E's 2014 January 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. 2015 impacts reflect the adopted 2015 GT&S rate components compared to the 2014 GT&S rate components

c) 2016 rates are based on PG&E's 2016 Annual Gas True-up (AGT) filing per Advice Letter 3644-G and Gas Accord V rates filed in Advice Letter 3547-G.

d) Rates are class average rates. Actual transportation rates will vary depending on the customer's load factor and seasonal usage.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 17

PACIFIC GAS AND ELECTRIC COMPANY

2014 Average Rate Detail with 2014 GT&S and PSEP Components By End-Use Customer Class (a)

($/dth)

	Core					Noncore Transportation						
						Industrial			Natural Gas Vehicle		Electric Gen	
	Res	Small Comm	Large Comm	Uncomp. NGV	Comp. NGV	Dist	Trans	BB	Dist	Trans	D/T	BB
End-Use Transportation:												
Local Transmission & Rate Adders	0.4333	0.4333	0.4333	0.4333	0.4333	0.2121	0.2121	0.0068	0.2121	0.2121	0.2121	0.0068
PSEP	0.2864	0.2864	0.2864	0.2864	0.2864	0.1521	0.1521	0.0320	0.1521	0.1521	0.1521	0.0320
Distribution (b)	4.8237	2.1258	0.9153	0.4825	12.5911	0.9827	0.0641		0.9827		0.0201	0.0201
Mandated Customer Programs and Other Charges:												
Self Generation Incentive Program	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
CPUC and ARB Fee	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0312	0.0312
Balancing Accounts	0.7072	0.4421	0.1862	0.2299	0.6663	0.0544	0.0764	0.0778	0.0544	0.0778	0.0617	0.0617
Volumetric End-Use Rate	6.2964	3.3334	1.8669	1.4778	14.0229	1.4471	0.5505	0.1625	1.4471	0.4878	0.4852	0.1598
Customer/ Customer Access Charge (c)	0.0000	0.5888	0.0449	0.0120		0.0788	0.0186	0.0157	0.0788	0.0186	0.0109	0.0019
Total End-Use Rate	6.2964	3.9222	1.9118	1.4898	14.0229	1.5259	0.5692	0.1782	1.5259	0.5065	0.4961	0.1618
Gas Public Purpose Program Surcharge	0.6551	0.3878	0.7137	0.2408	0.2408	0.3568	0.2990	0.2990	0.2408	0.2408	0.0000	0.0000
Total Rate	6.9515	4.3100	2.6255	1.7306	14.2637	1.8827	0.8682	0.4772	1.7667	0.7473	0.4961	0.1618
Procurement Charges for Core Bundled Customers:												
Storage	0.2008	0.1723	0.1177	0.1103	0.1103							
Backbone Capacity	0.2364	0.2009	0.1271	0.1232	0.1232							
Backbone Usage	0.1148	0.1148	0.1148	0.1148	0.1148							
WACOG	3.7184	3.7184	3.7184	3.7184	3.7184							
Interstate Capacity and Other	0.9933	0.8551	0.5924	0.6109	0.6109							
Total Core Procurement	5.2637	5.0615	4.6704	4.6776	4.6776							
Total Core Bundled Rates	12.2152	9.3715	7.2959	6.4082	18.9413							

	Wholesale Transportation						
End-Use Transportation:	Alpine	Coalinga	Island Energy	Palo Alto	WCG Castle	WCG Mather Dist	WCG Mather Trans
Local Transmission & Rate Adders	0.2121	0.2121	0.2121	0.2121	0.2121	0.2121	0.2121
PSEP	0.1521	0.1521	0.1521	0.1521	0.1521	0.1521	0.1521
Distribution	0.0000	0.0000	0.0000	0.0000	1.0354	1.3710	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	0.0620	0.0620	0.0620	0.0620	0.0384	0.0308	0.0620
Volumetric End-Use Rate	0.4262	0.4262	0.4262	0.4262	1.4380	1.7660	0.4262
Customer/ Customer Access Charge (c)	0.0585	0.0670	0.2589	0.0179	0.1540	0.0954	0.0954
Total End-Use Rate	0.4847	0.4932	0.6851	0.4441	1.5921	1.8615	0.5216
Gas Public Purpose Program Surcharge	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Rate	0.4847	0.4932	0.6851	0.4441	1.5921	1.8615	0.5216

Notes:

a) Class average rates reflect average load shape within each class and average volumetric equivalent for fixed charges.

b) All non-GT&S rate components reflect annual average rates effective April 1, 2013 (Advice Letters 3373-G and 3374-G)

c) Customer access and customer charges represent the class average volumetric equivalent of the monthly charge.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 18

PACIFIC GAS AND ELECTRIC COMPANY

2014 Average Rate Detail with Proposed 2015 GT&S Components By End-Use Customer Class

($/dth)

	Core					Noncore Transportation						
		Small	Large	Uncomp.	Comp.		Industrial		Natural Gas Vehicle		Electric Gen	
	Res	Comm	Comm	NGV	NGV	Dist	Trans	BB	Dist	Trans	D/T	BB
End-Use Transportation:												
Local Transmission	1.2914	1.2914	1.2914	1.2914	1.2914	0.5763	0.5763	0.0000	0.5763	0.5763	0.5763	0.0000
Distribution	4.8237	2.1258	0.9153	0.4825	12.5911	0.9827	0.0641	0.0000	0.9827	0.0000	0.0201	0.0201
Mandated Customer Programs and Other Charges:												
Self Generation Incentive Program	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
CPUC Fee	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0378	0.0312	0.0312
Balancing Accounts	0.7072	0.4421	0.1862	0.2299	0.6663	0.0544	0.0764	0.0778	0.0544	0.0778	0.0617	0.0617
Volumetric End-Use Rate	6.8681	3.9051	2.4386	2.0495	14.5946	1.6591	0.7626	0.1236	1.6591	0.6998	0.6973	0.1210
Customer/ Customer Access Charge	0.0000	0.5888	0.0449	0.0120	0.0000	0.0762	0.0090	0.0076	0.0762	0.0090	0.0056	0.0020
Total End-Use Rate	6.8681	4.4939	2.4835	2.0615	14.5946	1.7353	0.7716	0.1312	1.7353	0.7089	0.7028	0.1230
Gas Public Purpose Program Surcharge	0.6551	0.3878	0.7137	0.2408	0.2408	0.3568	0.2990	0.2990	0.2408	0.2408	0.0000	0.0000
Total Rate	7.5232	4.8817	3.1972	2.3023	14.8354	2.092	1.071	0.430	1.976	0.950	0.703	0.123
Procurement Charges for Core Bundled Customers:												
Storage	0.2548	0.2147	0.1488	0.1395	0.1395							
Backbone Capacity	0.2540	0.2118	0.1360	0.1318	0.1318							
Backbone Usage	0.0861	0.0861	0.0861	0.0861	0.0861							
WACOG	3.8045	3.8045	3.8045	3.8045	3.8045							
Interstate Capacity and Other	0.9933	0.8551	0.5924	0.6109	0.6109							
Total Core Procurement	5.3927	5.1722	4.7678	4.7729	4.7729							
Total Core Bundled Rates	12.9159	10.0539	7.9650	7.0752	19.6083							

	Wholesale Transportation						
	Alpine	Coalinga	Island Energy	Palo Alto	WCG Castle	WCG Mather Dist	WCG Mather Trans
End-Use Transportation:							
Local Transmission	0.5763	0.5763	0.5763	0.5763	0.5763	0.5763	0.5763
Distribution	0.0000	0.0000	0.0000	0.0000	1.0354	1.3710	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	0.0620	0.0620	0.0620	0.0620	0.0384	0.0308	0.0620
Volumetric End-Use Rate	0.6382	0.6382	0.6382	0.6382	1.6501	1.9781	0.6382
Customer/ Customer Access Charge	0.0317	0.0350	0.1433	0.0091	0.0770	0.0446	0.0446
Total End-Use Rate	0.6699	0.6732	0.7815	0.6473	1.7271	2.0226	0.6828
Gas Public Purpose Program Surcharge	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Rate	0.6699	0.6732	0.7815	0.6473	1.7271	2.0226	0.6828

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 19

PACIFIC GAS AND ELECTRIC COMPANY

2016 AGT with Interim 2015 Gas Accord V (2014 Rev.Req plus 2% escalator)

($/dth)

	Core Retail					Noncore Retail						
	Res	Small Comm	Large Comm	Uncomp. NGV	Comp. NGV	Dist	Industrial Trans	BB	Natural Gas Vehicle Dist	Natural Gas Vehicle Trans	Electric Gen D/T	Electric Gen BB
End-Use Transportation:												
Local Transmission	0.4749	0.4749	0.4749	0.4749	0.4749	0.2325	0.2325	0.0000	0.2325	0.2325	0.2325	0.0000
Distribution	7.1577	3.1647	1.3674	0.7153	13.0056	1.4937	0.0943	0.0000	1.4937	0.0000	0.0296	0.0296
Mandated Customer Programs :												
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 and AB32 Cost of Implementation 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	9.8803	4.9339	2.4685	1.6210	17.4100	1.8716	0.4468	0.1184	1.8716	0.3509	0.3547	0.1223
Customer/ Customer Access Charge	0.0000	0.5888	0.0449	0.0120	0.0000	0.0762	0.0190	0.0161	0.0762	0.0190	0.0111	0.0020
Total End-Use Rate	9.8803	5.5228	2.5134	1.6330	17.4100	1.9478	0.4658	0.1345	1.9478	0.3699	0.3658	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	10.9000	5.9599	3.5407	1.8763	17.6533	2.386	0.788	0.457	2.191	0.613	0.366	0.124
Procurement Charges for Core Bundled Customers:												
Storage	0.2055	0.1732	0.1200	0.1125	0.1125							
Backbone Capacity	0.2688	0.2241	0.1440	0.1395	0.1395							
Backbone Usage	0.1171	0.1171	0.1171	0.1171	0.1171							
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	3.8271	3.6471	3.3289	3.3066	3.3066							
Total Core Bundled Rates	14.7271	9.6070	6.8696	5.1829	20.9599							

	Wholesale						
	Alpine	Coalinga	Island Energy	Palo Alto	WCG Castle	WCG Mather Dist	WCG Mather Trans
End-Use Transportation:							
Local Transmission	0.2325	0.2325	0.2325	0.2325	0.2325	0.2325	0.2325
Distribution	0.0000	0.0000	0.0000	0.0000	1.9031	2.5200	0.0000
Mandated Customer Programs :	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Self Generation Incentive Program	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CPUC and AB32 Cost of Implementation 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	0.3042	0.3042	0.3042	0.3042	2.2394	2.8668	0.3042
Customer/ Customer Access Charge	0.0597	0.0683	0.2641	0.0183	0.1571	0.0973	0.0973
Total End-Use Rate	0.3638	0.3725	0.5683	0.3225	2.3965	2.9641	0.4015
Gas Public Purpose Program Surcharge	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Rate	0.3638	0.3725	0.5683	0.3225	2.3965	2.9641	0.4015

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 20

PACIFIC GAS AND ELECTRIC COMPANY

2016 Average Rate Detail with Adopted 2015 GT&S (Year 2016) By End-Use Customer Class

($/dth)

	Core					Noncore Transportation						
						Industrial			Natural Gas Vehicle		Electric Gen	
	Res	Small Comm	Large Comm	Uncomp. NGV	Comp. NGV	Dist	Trans	BB	Dist	Trans	D/T	BB
End-Use Transportation:												
Local Transmission & Rate Adders	1.7612	1.7612	1.7612	1.7612	1.7612	0.7667	0.7667	0.0000	0.7667	0.7667	0.7667	0.0000
Distribution	7.1577	3.1647	1.3674	0.7153	13.0056	1.4937	0.0943	0.0000	1.4937	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	11.1665	6.2202	3.7548	2.9073	18.6963	2.4058	0.9810	0.1184	2.4058	0.8851	0.8889	0.1223
Customer/ Customer Access Charge	0.0000	0.5888	0.0449	0.0120	0.0000	0.0762	0.0103	0.0084	0.0762	0.0103	0.0067	0.0021
Total End-Use Rate	11.1665	6.8090	3.7997	2.9192	18.6963	2.4820	0.9914	0.1268	2.4820	0.8954	0.8956	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	12.1862	7.2461	4.8270	3.1625	18.9396	2.920	1.314	0.449	2.725	1.139	0.896	0.124
Procurement Charges for Core Bundled Customers:												
Storage	0.2956	0.2491	0.1727	0.1619	0.1619							
Backbone Capacity	0.3840	0.3202	0.2057	0.1993	0.1993							
Backbone Usage	0.0872	0.0872	0.0872	0.0872	0.0872							
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	4.0025	3.7892	3.4134	3.3858	3.3858							
Total Core Bundled Rates	16.1887	11.0353	8.2404	6.5483	22.3254							

	Wholesale Transportation						
	Alpine	Coalinga	Island Energy	Palo Alto	WCG Castle	WCG Mather Dist	WCG Mather Trans
End-Use Transportation:							
Local Transmission & Rate Adders	0.7667	0.7667	0.7667	0.7667	0.7667	0.7667	0.7667
Distribution	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	0.8384	0.8384	0.8384	0.8384	2.7736	3.4010	0.8384
Customer/ Customer Access Charge	0.0355	0.0392	0.1620	0.0103	0.0870	0.0503	0.0503
Total End-Use Rate	0.8739	0.8776	1.0005	0.8487	2.8606	3.4513	0.8887
Gas Public Purpose Program Surcharge	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total Rate	0.8739	0.8776	1.0005	0.8487	2.8606	3.4513	0.8887

2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Adopted Safety Program Costs ($850 million)
APPENDIX G: Table 21
PACIFIC GAS AND ELECTRIC COMPANY
Firm Backbone Transportation
Annual Rates (AFT) -- SFV Rate Design
On-System Transportation Service

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Redwood Path - Core						
Reservation Charge	($/dth/mo)	6.3780	7.0192	7.9157	11.0722	11.9541
Usage Charge	($/dth)	0.0092	0.0074	0.0008	0.0010	0.0010
Total	($/dth @ Full Contract)	0.2188	0.2382	0.2610	0.3650	0.3940
Baja Path - Core						
Reservation Charge	($/dth/mo)	7.5567	8.2215	9.1287	12.2855	13.1676
Usage Charge	($/dth)	0.0104	0.0087	0.0009	0.0011	0.0011
Total	($/dth @ Full Contract)	0.2588	0.2790	0.3010	0.4050	0.4340
Redwood Path - Noncore						
Reservation Charge	($/dth/mo)	7.8577	8.6209	9.5935	12.9757	14.0599
Usage Charge	($/dth)	0.0080	0.0061	0.0008	0.0010	0.0010
Total	($/dth @ Full Contract)	0.2663	0.2896	0.3162	0.4276	0.4632
Baja Path - Noncore						
Reservation Charge	($/dth/mo)	9.0486	9.8356	10.8072	14.1897	15.2740
Usage Charge	($/dth)	0.0088	0.0070	0.0009	0.0010	0.0011
Total	($/dth @ Full Contract)	0.3063	0.3304	0.3562	0.4676	0.5032
Silverado and Mission Paths						
Reservation Charge	($/dth/mo)	4.4293	4.8477	5.8594	8.1240	8.7620
Usage Charge	($/dth)	0.0082	0.0063	0.0006	0.0008	0.0008
Total	($/dth @ Full Contract)	0.1538	0.1657	0.1933	0.2679	0.2889

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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 22
PACIFIC GAS AND ELECTRIC COMPANY
Firm Backbone Transportation
Annual Rates (AFT) -- MFV Rate Design
On-System Transportation Service

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Redwood Path - Core						
Reservation Charge	($/dth/mo)	4.5126	4.9663	5.8514	8.9602	9.6677
Usage Charge	($/dth)	0.0705	0.0749	0.0687	0.0704	0.0762
Total	($/dth @ Full Contract)	0.2188	0.2382	0.2610	0.3650	0.3940
Baja Path - Core						
Reservation Charge	($/dth/mo)	5.3466	5.8170	6.7480	9.9421	10.6491
Usage Charge	($/dth)	0.0831	0.0878	0.0792	0.0782	0.0839
Total	($/dth @ Full Contract)	0.2588	0.2790	0.3010	0.4050	0.4340
Redwood Path - Noncore						
Reservation Charge	($/dth/mo)	5.2050	5.7105	6.5474	9.9232	10.8722
Usage Charge	($/dth)	0.0952	0.1018	0.1009	0.1013	0.1058
Total	($/dth @ Full Contract)	0.2663	0.2896	0.3162	0.4276	0.4632
Baja Path - Noncore						
Reservation Charge	($/dth/mo)	5.9939	6.5151	7.3757	10.8515	11.8110
Usage Charge	($/dth)	0.1093	0.1162	0.1137	0.1108	0.1149
Total	($/dth @ Full Contract)	0.3063	0.3304	0.3562	0.4676	0.5032
Silverado and Mission Paths						
Reservation Charge	($/dth/mo)	3.1566	3.4544	4.0753	6.3360	6.8589
Usage Charge	($/dth)	0.0500	0.0522	0.0593	0.0596	0.0634
Total	($/dth @ Full Contract)	0.1538	0.1657	0.1933	0.2679	0.2889

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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 23
PACIFIC GAS AND ELECTRIC COMPANY
Firm Backbone Transportation
Seasonal Rates (SFT) -- SFV Rate Design
On-System Transportation Service

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Redwood Path						
Reservation Charge	($/dth/mo)	9.4293	10.3450	11.5122	15.5709	16.8719
Usage Charge	($/dth)	0.0096	0.0074	0.0009	0.0011	0.0012
Total	($/dth @ Full Contract)	0.3196	0.3475	0.3794	0.5131	0.5559
Baja Path - Core						
Reservation Charge	($/dth/mo)	9.0680	9.8658	10.9544	14.7426	15.8011
Usage Charge	($/dth)	0.0125	0.0104	0.0011	0.0013	0.0014
Total	($/dth @ Full Contract)	0.3106	0.3348	0.3613	0.4860	0.5209
Baja Path - Noncore						
Reservation Charge	($/dth/mo)	10.8584	11.8027	12.9686	17.0276	18.3288
Usage Charge	($/dth)	0.0106	0.0084	0.0010	0.0013	0.0013
Total	($/dth @ Full Contract)	0.3676	0.3964	0.4274	0.5611	0.6039
Silverado and Mission Paths						
Reservation Charge	($/dth/mo)	5.3151	5.8173	7.0312	9.7488	10.5144
Usage Charge	($/dth)	0.0098	0.0076	0.0008	0.0009	0.0010
Total	($/dth @ Full Contract)	0.1846	0.1989	0.2319	0.3214	0.3467

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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 24
PACIFIC GAS AND ELECTRIC COMPANY
Firm Backbone Transportation
Seasonal Rates (SFT) -- MFV Rate Design
On-System Transportation Service

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Redwood Path						
Reservation Charge	($/dth/mo)	6.2460	6.8526	7.8568	11.9078	13.0467
Usage Charge	($/dth)	0.1142	0.1222	0.1211	0.1216	0.1270
Total	($/dth @ Full Contract)	0.3196	0.3475	0.3794	0.5131	0.5559
Baja Path - Core						
Reservation Charge	($/dth/mo)	6.4159	6.9804	8.0976	11.9305	12.7789
Usage Charge	($/dth)	0.0997	0.1053	0.0950	0.0938	0.1007
Total	($/dth @ Full Contract)	0.3106	0.3348	0.3613	0.4860	0.5209
Baja Path - Noncore						
Reservation Charge	($/dth/mo)	7.1926	7.8182	8.8508	13.0218	14.1732
Usage Charge	($/dth)	0.1311	0.1394	0.1364	0.1330	0.1379
Total	($/dth @ Full Contract)	0.3676	0.3964	0.4274	0.5611	0.6039
Silverado and Mission Paths						
Reservation Charge	($/dth/mo)	3.7879	4.1453	4.8903	7.6032	8.2307
Usage Charge	($/dth)	0.0601	0.0626	0.0712	0.0715	0.0761
Total	($/dth @ Full Contract)	0.1846	0.1989	0.2319	0.3214	0.3467

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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 25
PACIFIC GAS AND ELECTRIC COMPANY
As-Available Backbone Transportation
On-System Transportation Service

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Redwood Path						
Usage Charge	($/dth)	0.3196	0.3475	0.3794	0.5131	0.5559
Baja Path						
Usage Charge	($/dth)	0.3676	0.3964	0.4274	0.5611	0.6039
Silverado Path						
Usage Charge	($/dth)	0.1846	0.1989	0.2319	0.3214	0.3467
Mission Path						
Usage Charge	($/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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 26
PACIFIC GAS AND ELECTRIC COMPANY
Backbone Transportation
Annual Rates (AFT-Off)
Off-System Deliveries

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
SFV Rate Design						
Redwood, Silverado and Mission Paths Off-System						
Reservation Charge	($/dth/mo)	7.8577	8.6209	9.5935	12.9757	14.0599
Usage Charge	($/dth)	0.0080	0.0061	0.0008	0.0010	0.0010
Total	($/dth @ Full Contract)	0.2663	0.2896	0.3162	0.4276	0.4632
Baja Path Off-System						
Reservation Charge	($/dth/mo)	9.0486	9.8356	10.8072	14.1897	15.2740
Usage Charge	($/dth)	0.0088	0.0070	0.0009	0.0010	0.0011
Total	($/dth @ Full Contract)	0.3063	0.3304	0.3562	0.4676	0.5032
MFV Rate Design						
Redwood, Silverado and Mission Paths Off-System						
Reservation Charge	($/dth/mo)	5.2050	5.7105	6.5474	9.9232	10.8722
Usage Charge	($/dth)	0.0952	0.1018	0.1009	0.1013	0.1058
Total	($/dth @ Full Contract)	0.2663	0.2896	0.3162	0.4276	0.4632
Baja Path Off-System						
Reservation Charge	($/dth/mo)	5.9939	6.5151	7.3757	10.8515	11.8110
Usage Charge	($/dth)	0.1093	0.1162	0.1137	0.1108	0.1149
Total	($/dth @ Full	0.3063	0.3304	0.3562	0.4676	0.5032
As-Available Service						
Redwood, Silverado, and Mission Paths, (From Citygate) Off-System - Noncore						
Usage Charge	($/dth)	0.3196	0.3475	0.3794	0.5131	0.5559
Mission Paths (From on-system storage) Off-System						
Usage Charge	($/dth)	0.0000	0.0000	0.0000	0.0000	0.0000
Baja Path Off-System - Noncore						
Usage Charge	($/dth)	0.3676	0.3964	0.4274	0.5611	0.6039

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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 27
PACIFIC GAS AND ELECTRIC COMPANY
Firm Transportation
Expansion Shippers -- Annual Rates (G-XF)
SFV Rate Design

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
SFV Rate Design						
Reservation Charge	($/dth/mo)	5.5594	5.5594	5.2202	5.9585	5.9598
Usage Charge	($/dth)	0.0035	0.0035	0.0001	0.0001	0.0001
Total	($/dth @ Full Contract)	0.1863	0.1863	0.1717	0.1960	0.1960

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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 28
PACIFIC GAS AND ELECTRIC COMPANY
Storage Service Rates

		GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Core Firm Storage (G-CFS)						
Reservation Charge	($/dth/mo)	$0.126	$0.1285	$0.159	$0.185	$0.190
Standard Firm Storage (G-SFS)						
Reservation Charge	($/dth/mo)	$0.240	$0.2447	$0.300	$0.328	$0.319
Negotiated Firm Storage (G-NFS)						
Injection	($/dth/d)	$6.025	$6.1457	$5.795	$6.335	$6.169
Inventory	($/dth)	$2.879	$2.9366	$3.598	$3.934	$3.831
Withdrawal	($/dth/d)	$20.861	$21.2779	$26.488	$28.957	$28.200
Negotiated As-Available Storage (G-NAS) - Maximum Rate						
Injection	($/dth/d)	$6.025	$6.1457	$5.795	$6.335	$6.169
Withdrawal	($/dth/d)	$20.861	$21.2779	$26.488	$28.957	$28.200
Market Center Services (Parking and Lending Services)						
Maximum Daily Charge ($/Dth/d)		$1.099	$1.1206	$1.190	$1.297	$1.264
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

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.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 29
PACIFIC GAS AND ELECTRIC COMPANY
Local Transmission Rates
$/dth

Customer Groups	GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Core Retail	0.4333	0.4749	1.291	1.761	1.886
Noncore Retail and Wholesale	0.2121	0.2325	0.576	0.767	0.823

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

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 30
PACIFIC GAS AND ELECTRIC COMPANY
Customer Access Charge Rates
($ per Month)

		GA V	GA V	2015 GT&S Rates		
G-EG / G-NT ($/month)		**2014**	**2015 Update**	**2015**	**2016**	**2017**
	(Therms/Month)					
Tier 1	0 to 5,000	$60.90	$62.12	$33.00	$37.32	$35.59
Tier 2	5,001 to 10,000	$181.41	$185.04	$98.30	$111.16	$106.02
Tier 3	10,001 to 50,000	$337.64	$344.40	$182.96	$206.90	$197.33
Tier 4	50,001 to 200,000	$443.12	$451.98	$240.12	$271.53	$258.98
Tier 5	200,001 to 1,000,000	$642.93	$655.79	$348.39	$393.96	$375.76
Tier 6	1,000,001 and above	$5,453.67	$5,562.75	$2,955.27	$3,341.83	$3,187.38
Wholesale ($/month)						
Alpine		$323.79	$330.27	$158.04	$178.71	$170.45
Coalinga		$1,431.99	$1,460.63	$698.97	$790.40	$753.87
Island Energy		$970.23	$989.63	$473.58	$535.53	$510.78
Palo Alto		$4,774.56	$4,870.05	$2,330.54	$2,635.38	$2,513.58
West Coast Gas - Castle		$831.84	$848.48	$406.03	$459.14	$437.92
West Coast Gas - Mather		$760.18	$775.38	$371.06	$419.60	$400.21

Notes:

a) The 2015-2017 CAC revenue requirements are established in this GT&S Rate Case proceeding. The rate design for the customer access charge may be addressed in PG&E's Biennial Cost Allocation Proceedings (BCAP).

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 31
PACIFIC GAS AND ELECTRIC COMPANY
Self Balancing Credit
$/dth

	GA V 2014	GA V 2015 Update	2015 GT&S Rates 2015	2016	2017
Self Balancing Credit	($0.0132)	($0.0135)	($0.0169)	($0.0195)	($0.0199)

Note:

a) Storege balancing costs are bundled in backones rates. Customers or Balancing agents who elect self balanc daily basis can opt out of PG&E monthly balacing program and receive a self-balancing credit.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 32

PACIFIC GAS AND ELECTRIC COMPANY

Illustrative Bill Impact of the Adopted 2015 GT&S Rates Compared to 2014 GA V Rates

Line No.	RESIDENTIAL CLASS	Rates Effective January 1, 2014 with Adopted 2014 GT&S Components and PSEP Update	Rates Effective January 1, 2015 with Adopted 2015 GT&S
		(A)	(B)
1	Non-CARE Residential Illustrative Bundled Rate* ($/th)	$1.22152	$1.29159
2	State-Mandated Residential Public Purpose Program Surcharge ($/th)	$0.06551	$0.06551
3	End-User Total Rate and Surcharge ($/th)	$1.28703	$1.35710
4	Average Monthly Use per Residential Customer (therms)	34	34
5	Present Average Non-CARE Residential Customer Monthly Bill ($)	$43.76	$46.14
6	Change in Average Non-CARE Residential Bill		$2.38
7	% Change in Average Annual Non-CARE Residential Bill		5.4%

	SMALL COMMERCIAL CLASS	Rates Effective January 1, 2014 with Adopted 2014 GT&S Components and PSEP Update	Rates Effective January 1, 2015 with Adopted 2015 GT&S
		(A)	(B)
8	Non-CARE Small Commercial Illustrative Bundled Rate* ($/th)	$0.93715	$1.00539
9	State-Mandated Small Commercial Public Purpose Program Surcharge ($/th)	$0.03878	$0.03878
10	End-User Total Rate and Surcharge ($/th)	$0.97593	$1.04417
11	Average Monthly Use per Small Commercial Customer (therms)	284	284
12	Present Average Non-CARE Small Commercial Customer Monthly Bill ($)	$277.16	$296.54
13	Change in Average Non-CARE Small Commercial Bill		$19.38
14	% Change in Average Annual Non-CARE Small Commercial Bill		7.0%

* 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.

Note:

All non-GT&S rate components in Col, (A) and (B) reflect annual average rates in effect 2014 per approved PG&E Advice Letters 3373-G and 3374-G.

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 33

PACIFIC GAS AND ELECTRIC COMPANY

Illustrative Bill Impact of Adopted 2016 Rates Compared to 2016 AGT Rates

Line No.	RESIDENTIAL CLASS	2016 AGT Rates Effective Janaury 1, 2016	Rates Effective January 1, 2016 with Adopted 2016 GT&S
		(A)	(B)
1	Non-CARE Residential Illustrative Bundled Rate* ($/th)	$1.47271	$1.61887
2	State-Mandated Residential Public Purpose Program Surcharge ($/th)	$0.06551	$0.06551
3	End-User Total Rate and Surcharge ($/th)	$1.53822	$1.68438
4	Average Monthly Use per Residential Customer (therms)	34	34
5	Present Average Non-CARE Residential Customer Monthly Bill ($)	$52.30	$57.27
6	Change in Average Non-CARE Residential Bill		$4.97
7	% Change in Average Annual Non-CARE Residential Bill		9.5%

	SMALL COMMERCIAL CLASS	2016 AGT Rates Effective Janaury 1, 2016	Rates Effective January 1, 2016 with Adopted 2016 GT&S
		(A)	(B)
8	Non-CARE Small Commercial Illustrative Bundled Rate* ($/th)	$0.96070	$1.10353
9	State-Mandated Small Commercial Public Purpose Program Surcharge ($/th)	$0.03878	$0.03878
10	End-User Total Rate and Surcharge ($/th)	$0.99948	$1.14231
11	Average Monthly Use per Small Commercial Customer (therms)	284	284
12	Present Average Non-CARE Small Commercial Customer Monthly Bill ($)	$283.85	$324.42
13	Change in Average Non-CARE Small Commercial Bill		$40.57
14	% Change in Average Annual Non-CARE Small Commercial Bill		14.3%

* 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.

Notes:

1) Non-GT&S rate components in Col, (A) and (B) reflect rates in the 2016 Annual Gas True-up (AGT) filing per Advice Letter 3644-G.

2) GT&S related components in Col (A) reflect 2% escalation of GA V rates (per the adopted settlement) approved in Advice Letter 3547-G

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

Adopted Safety Program Costs ($850 million)

APPENDIX G: Table 34

PACIFIC GAS AND ELECTRIC COMPANY

BACKBONE LOAD FACTOR

NON-EQUALIZED RATES WITH 4-CENT BAJA-REDWOOD DIFFERENTIAL

		2015	2016	2017	*Revision Notes*
1	**Backbone Demand (MDth/d)**				
2	Core	758	755	754	
3	Core distribution shrinkage	18	19	19	
4	Noncore industrial + NGV4	508	502	508	
5	Wholesale	10	10	10	
6	Electric Generation	506	505	497	
7	Cogeneration	178	178	178	
8	Subtotal, on-system	1,978	1,969	1,966	*(1)*
9	G-XF off-system	80	80	80	
10	Non G-XF off-system (full-rate-equivalent throughput) **(a)**	93	69	64	*(2)*
11	Subtotal, off-system	174	149	144	
12	TOTAL	2,152	2,118	2,110	
13	Remove G-XF contracts	(86)	(86)	(86)	
14	Adjust for Baja on-system discounts **(b)**	0	0	0	
15	Adjust for G-AA, G-SFT, and G-NFT premiums **(c)**	35	35	34	*(2)*
16	Adjust for reservation charges for un-used firm contracts **(d)**	74	77	78	*(2)*
17	Adjust for disproportionate usage of backbone paths **(e)**	(82)	(67)	(70)	*(2)*
18	Subtotal, adjustments	(59)	(40)	(44)	
19	TOTAL, ADJUSTED	**2,093**	**2,078**	**2,066**	
20	**Backbone Capacity (MDth/d at Delivery Point)**				
21	Redwood Line 401	998	1,008	1,031	*(3)*
22	Redwood Line 400	1,016	1,026	1,049	*(3)*
23	Baja Line 300	1,025	1,025	1,025	*(3)*
24	Silverado "capacity"	127	129	132	*(4)*
25	TOTAL	3,167	3,189	3,237	
26	Remove G-XF contracts	(86)	(86)	(86)	
27	Remove SMUD equity capacity, Line 401	(43)	(43)	(44)	
28	Remove SMUD equity capacity, Line 300	(41)	(41)	(41)	
29	Subtotal, adjustments	(169)	(170)	(171)	
30	TOTAL, ADJUSTED	**2,998**	**3,019**	**3,067**	
31	Memo: Silverado flow forecast	89	89	89	
32	**Backbone Load Factor**	**69.82%**	**68.81%**	**67.38%**	

REVISION NOTES *

(1) On-system demands are revised consistent with the stipulated demand forecast (see Section 18.1 of the Decision) and the updated core distribution shrinkage rates (see Section 18.8.2 of the Decision).

(2) Revisions to Line Nos. 10, 15, 16, and 17 are explained in the next table.

(3) Redwood and Baja capacities are revised consistent with the updated backbone shrinkage rates (see Section 18.8.2 of Decision).

(4) Silverado "capacities" are calculated by dividing forecasted Silverado throughput (Line No. 31) by the system average backbone load factor (Line No. 32). Because the backbone load factors are revised, the Silverado capacities are also revised.

*** Revision explanations are based on comparisons to Exhibit PGE-043, Chapter 17A, Table 17A-2 and Table 17A-3.**

2015 Gas Transmission and Storage Rate Case (2015 GT&S)
Adopted Safety Program Costs ($850 million)
APPENDIX G: Table 35
PACIFIC GAS AND ELECTRIC COMPANY
THROUGHPUT ADJUSTMENTS FOR BACKBONE LOAD FACTOR
NON-EQUALIZED RATES WITH 4-CENT BAJA-REDWOOD DIFFERENTIAL

		2015	2016	2017	*Revision Notes*
1	**(a) Calculate full rate equivalent non-G-XF off-system throughput**				
2	Forecasted revenues ($ '000/yr)	$10,750	$10,750	$10,750	
3	Noncore Redwood G-AFT rate ($/Dth)	$0.316	$0.428	$0.463	
4	Full rate equivalent throughput (MDth/d)	**93**	**69**	**64**	*(1)*
5	**(b) Adjust for Baja on-system discounts**				
6	Quantity (MDth/d)	0	0	0	
7	Contract rate ($/Dth)	$0.000	$0.000	$0.000	
8	Noncore Baja G-AFT rate ($/Dth)	$0.356	$0.468	$0.503	
9	Full rate equivalent throughput (MDth/d)	0	0	0	
10	Throughput adjustment (MDth/d)	**0**	**0**	**0**	
11	**(c) Adjust for G-AA, G-SFT, and G-NFT premiums**				
12	G-AA throughput - Core (MDth/d)	0	0	0	
13	G-AA throughput - Noncore (MDth/d)				
14	Total on-system throughput	1,978	1,969	1,966	
15	G-XF on-system throughput	5	5	5	
16	Firm throughput excl G-XF	1,889	1,877	1,879	
17	G-AA throughput - Core	0	0	0	
18	G-AA throughput - Noncore (deter	84	86	81	*(2)*
19	G-SFT throughput - Core				
20	Core G-SFT MDQ (annualized MI	65	65	65	
21	Core G-SFT average utilization ra	91.9%	91.9%	91.9%	
22	Core G-SFT throughput (MDth/d)	60	60	60	
23	G-SFT and G-NFT throughput - Noncore				
24	Noncore G-SFT and G-NFT MDQ	38	36	34	
25	Noncore G-SFT and G-NFT avera	82.6%	82.6%	82.6%	
26	Noncore G-SFT and G-NFT throu	31	30	28	
27	TOTAL (MDth/d)	175	176	170	
28	Rate premium	20%	20%	20%	
29	Premium adjustment (MDth/d)	**35**	**35**	**34**	
30	**(d) Adjust for reservation charges for unused firm contracts**				
31	Total firm contract MDQ excl G-XF (MDth/d)	1,993	1,980	1,983	*(3)*
32	Average firm contract utilization rate excl G-X	94.8%	94.8%	94.8%	
33	Unused firm MDQ (MDth/d)	104	103	103	
34	Average reservation portion of MFV rate	71.1%	74.8%	75.3%	*(4)*
35	Unused firm contract adjustment (MDth/d)	**74**	**77**	**78**	

(TABLE CONTINUED ON NEXT PAGE)

APPENDIX G: Table 35 (Continued)
PACIFIC GAS AND ELECTRIC COMPANY
THROUGHPUT ADJUSTMENTS FOR BACKBONE LOAD FACTOR
NON-EQUALIZED RATES WITH 4-CENT BAJA-REDWOOD DIFFERENTIAL

		2015	2016	2017	*Revision Notes*
36	**(e) Adjust for disproportionate usage of backbone paths**				
37	Core Redwood capacity (MDth/d)	612	612	612	
38	Throughput at load factor (MDth/d)	427	421	412	
39	Expected Core Redwood utilization rate (incl	99.6%	99.6%	99.6%	
40	Expected Core Redwood throughput (MDth/d	609	609	609	
41	Throughput shift to Core Redwood capacity (M	182	188	197	
42	Core Redwood rate as percent of system ave	83.3%	86.4%	86.3%	
43	Percent difference relative to system average	-16.7%	-13.6%	-13.7%	
44	Throughput adjustment (MDth/d)	(30)	(26)	(27)	*(5)*
45	Core Baja capacity (MDth/d)	247	247	247	
46	Throughput at load factor (MDth/d)	173	170	167	
47	Expected Core Baja utilization rate (incl broke	96.2%	96.2%	96.2%	
48	Expected Core Baja throughput (MDth/d)	238	238	238	
49	Throughput shift to Core Baja capacity (MDth/	65	68	71	
50	Core Baja rate as percent of system average	96.1%	95.8%	95.1%	
51	Percent difference relative to system average	-3.9%	-4.2%	-4.9%	
52	Throughput adjustment (MDth/d)	(3)	(3)	(3)	*(5)*
53	Noncore Baja capacity (MDth/d; excl SMUD e	737	737	737	
54	Throughput at load factor (MDth/d)	514	507	496	
55	Expected Noncore Baja throughput (MDth/d)	152	140	102	
56	Throughput shift to Noncore Baja capacity (M	(363)	(367)	(395)	
57	Noncore Baja rate as percent of system avera	113.7%	110.6%	110.3%	
58	Percent difference relative to system average	13.7%	10.6%	10.3%	
59	Throughput adjustment (MDth/d)	(50)	(39)	(40)	*(5)*
60	Noncore Redwood capacity (MDth/d; excl G-X	1,274	1,294	1,338	
61	Throughput at load factor (MDth/d)	890	890	902	
62	Expected Noncore Redwood throughput (MDt	978	956	986	
63	Throughput shift to Noncore Redwood capaci	88	65	84	
64	Noncore Redwood rate as percent of system	100.9%	101.2%	101.5%	
65	Percent difference relative to system average	0.9%	1.2%	1.5%	
66	Throughput adjustment (MDth/d)	1	1	1	*(5)*
67	Total throughput adjustment (MDth/d)	**(82)**	**(67)**	**(70)**	*(5)*
68	**Backbone Rate Inputs (G-AFT, $/Dth)**	**2015**	**2016**	**2017**	
69	System average rate (excl Silverado and G-XF)	$0.313	$0.423	$0.456	*(6)*
70	Core Redwood rate	$0.261	$0.365	$0.394	*(6)*
71	Core Baja rate	$0.301	$0.405	$0.434	*(6)*
72	Noncore Redwood rate	$0.316	$0.428	$0.463	*(6)*
73	Noncore Baja rate	$0.356	$0.468	$0.503	*(6)*

APPENDIX G: Table 35 (Continued)
REVISION NOTES *

(1) Full rate equivalent non-G-XF off-system throughputs are revised because the noncore Redwood rates (Line Nos. 3 and 72) a

(2) Noncore G-AA throughputs are revised because of changes to the demand forecast (discussed in Note 1 of the previous table) and minor changes to the forecasted firm contracts (discussed in Note 3 of this table).

(3) Total firm contract MDQs are revised slightly due to minor changes to the firm backbone capacities (discussed in Note 3 of the

(4) The average reservation portion of the MFV rate is revised consistent with revisions to the backbone revenue requirement.

(5) The adjustments for disproportionate usage of backbone paths are revised for several reasons, chiefly changes to the backbone load factors and the backbone rates themselves. (The backbone load factor and the backbone rates are interdependent and must be calculated in an iterative manner.) The adjustments for disproportionate usage of backbone paths are also affected by revisions to the demand forecast (discussed in Note 1 of the previous table) and minor revisions to

(6) The backbone rates are revised to account for changes in the backbone revenue requirements, changes in the backbone load factors, and minor changes in the backbone capacities.

*** Revision explanations are based on comparisons to Exhibit PGE-043, Chapter 17A, Table 17A-2 and Table 17A-3.**

(End of Appendix G)