

Application of SOUTHERN CALIFORNIA GAS)
COMPANY for authority to update its gas revenue)
requirement and base rates)
effective January 1, 2016 (U 904-G))

Application No. 14-11-004
Exhibit No: (SCG-32-R-WP)

REVISED
WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF MICHELLE A. SOMERVILLE
ON BEHALF OF SOUTHERN CALIFORNIA GAS COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

MARCH 2015



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SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

SUMMARY

Thousand of Dollars (\$)

Testimony Item #	Activities	G/L Account Description	FORECAST METHODOLOGY					FORECAST GROWTH RATE			SUMMARY OF RESULTS				
			2009	2010	2011	2012	2013	AVG*	2014	2015	2016	2013 Rec	2014 Est	2015 Est	2016 TY
	Miscellaneous Service Revenues														
1	Service Establishment Charges	Service Establishment Charges Actual													
		Service Establishment Charges Accr	26,489	25,931	24,410	24,024	23,268	24,408	0.5%	0.6%	0.8%	23,268	24,530	24,677	24,875
2	Reconnection Charge	Misc Svcs Rev Reconnect Charge	1,707	1,699	1,392	1,298	1,396	1,498	0.0%	0.0%	0.0%	1,396	1,498	1,498	1,498
3	Residential Parts Program	Residential Limited Parts Program	1,576	1,753	2,148	1,932	1,948	2,009	0.5%	0.6%	0.8%	1,948	1,863	1,895	2,030
4	Commercial Parts Program	Rev From Comm Parts Sales	2,984	3,123	2,830	2,804	2,840	2,825	0.5%	0.6%	0.8%	2,840	2,996	2,994	2,992
5	Connect Appliance Program	Revs From Appl Connection Svc	131	121	111	99	79	96	0.5%	0.6%	0.8%	79	132	132	157
6	Natural Gas Vehicle Maintenance	Rev from Cust Owned NGV Station Maint	131	151	114	87	91	115	0.0%	0.0%	0.0%	91	115	115	115
7	Pipeline Services	Pipeline Services Revenue	1,794	449	128	13	80	493	0.0%	0.0%	0.0%	80	80	80	80
8	Late Payment Charges (Non-Residential)	Rev From Late Pmt Chrg Actual	476	502	484	460	479	480	0.0%	0.0%	0.0%	479	480	480	480
9	Other Customer Service Revenues	Revenue from Set Time Appt Svc Chrg	68	73	89	54	48	66	0.5%	0.6%	0.8%	48	60	62	67
		Rev Fr Airqual Prog Hndbk & Smnar	5	6	4	5	0	4	-25.0%	0.0%	0.0%	0	3	3	3
		Rev for Seismic Services	3	3	3	3	2	3	0.5%	0.6%	0.8%	2	5	5	5
		Rev for Seismic Restores	390	352	352	316	318	346	0.5%	0.6%	0.8%	318	411	422	442
		Rev for Non-Seismic Restores	21	19	14	11	12	15	0.5%	0.6%	0.8%	12	15	15	16
	Sub-Total		35,775	34,182	32,079	31,106	30,561	32,359	-21.0%	4.8%	6.4%	30,561	32,188	32,378	32,760
	Rent From Gas Property														
10	Rent from Property Used in Operations	Goleta Lease Fees	39	56	60	57	63	55	-4.4%	3.0%	3.2%	63	60	62	64
		Aliso Rental for Telecom Sites	146	182	187	203	246	193	-11.3%	1.3%	1.4%	246	218	221	224
		Rents for Prop Use - Non-tariff Gas	216	216	193	219	287	226	10.8%	1.2%	1.6%	287	318	322	327
	Sub-Total		401	454	440	479	596	474	-4.9%	5.5%	6.1%	596	597	605	615
	Other Gas Revenues														
11	Shared Assets (after BUCU reallocation)	Shared Assets Revenue - Gas Distrib	19,468	24,086	30,752	39,466	49,319	32,618	4.7%	-4.2%	-5.5%	49,319	51,616	49,528	46,937
12	Crude Oil Sales	Honor Rancho Oil Rev	3,928	4,611	7,282	9,219	6,164	6,241	-5.9%	-3.3%	-8.0%	6,164	5,798	5,611	5,163
		Aliso Shallow Zone	308	269	377	2,415	2,963	1,266	7.8%	-3.3%	-8.5%	2,963	3,193	3,090	2,827
		Aliso PEOC	318	335	377	316	362	342	-17.7%	-2.8%	-2.4%	362	298	290	283
		PDR Sesnon Oil Reimb	1,502	2,129	3,634	3,169	2,656	2,618	-2.1%	-8.5%	-10.1%	2,656	2,600	2,396	2,153
13	Storage Engineering Emmission Credits	Goleta Chevron Emissions Credits	1,023	1,023	1,279	767	1,023	1,023	0.0%	0.0%	0.0%	1,023	1,023	1,023	1,023
14	Returned Check Charge	Returned Check Charges Actual	539	547	521	492	463	512	0.0%	0.0%	0.0%	463	512	512	512
15	Income Tax Component of Contributions-in-Aid-of-Construction	Amortization of ITCCA	2,710	3,177	3,278	4,387	2,983	3,307	0.0%	0.0%	0.0%	2,983	3,049	3,234	3,481
16	Training Activity	Sundry Trng Labor	62	68	55	146	166	99	0.0%	0.0%	0.0%	166	99	99	99
		Sundry Trng Materials	39	34	43	66	84	53	0.0%	0.0%	0.0%	84	53	53	53
		Oper Qualification Training	2	0	0	0	0	0	0.0%	0.0%	0.0%	0	0	0	0
17	Line Item Billing	Line Item Billing Third Party Revenues	89	78	46	73	62	70	-13.0%	-13.0%	-13.0%	62	54	47	41
		Line Item Billing Non-Tariff Third Party Rev	128	89	317	635	1,118	457	34.2%	-50.0%	-77.1%	1,118	1,500	750	172
18	Federal Energy Retrofit Program (FERP)	Other Rev Gas - Federal Proj Mgmt	731	472	-33	860	753	557	8.6%	-13.3%	-63.5%	753	605	524	191
19	Miscellaneous Other Gas Revenues	Geographic Services	4	4	78	73	80	77	0.0%	0.0%	0.0%	80	77	77	77
		Aliso Crimson	78	62	144	63	51	80	30.7%	-9.1%	0.0%	51	66	60	60
		Aliso Termo	37	37	38	43	24	36	41.7%	11.8%	0.0%	24	34	38	38
		Aliso Road Access Fees	24	23	9	2	24	16	0.0%	0.0%	0.0%	24	24	24	24
20	Microwave Bandwidth Lease Revenue	Microwave Bandwidth Lease Revenue	27	27	27	27	27	27	0.0%	0.0%	0.0%	27	27	27	28
21	Ownership Charges	Unrefunded CAC Balance	2,743	5,041	5,418	4,462	4,968	4,950	-5.7%	-3.4%	-11.8%	4,968	4,666	4,506	3,976
	Sub-Total		33,760	42,112	53,642	66,681	73,290	54,349	88.8%	-95.8%	-188.2%	73,290	75,294	71,890	67,138
	Other Adjustments														
22	Gain on Sale of Property		2,972	2,972	2,972	2,972	2,972	2,972	0.0%	0.0%	0.0%	2,972	0	0	0
	Sub-Total		2,972	2,972	2,972	2,972	2,972	2,972	0.0%	0.0%	0.0%	2,972	0	0	0
	Grand Total (Including Shared Assets and ITCC)		72,908	79,720	89,133	101,238	107,419	90,154	62.9%	-85.45%	-175.62%	107,419	108,079	104,873	100,513
			70,198	76,543	85,855	96,851	104,436	86,847	62.9%	-85.45%	-175.62%	104,436	105,030	101,639	97,032
	Grand Total Excluding Shared Assets		53,440	55,634	58,381	61,772	58,100	57,536	58.3%	-81.24%	-170.10%	58,100	56,463	55,345	53,576
*	3 or 5 Year Average - see workpapers														

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 1: FERC ACCOUNT 488 SERVICE ESTABLISHMENT CHARGES

A. Account Description: # 1 Service Establishment Charges

The Service Establishment Charge is \$25.00 for all customers, except electric generation and wholesale customers, to establish gas service pursuant to SoCalGas Tariff Rule No. 10.

B. Forecast Methodology

The service establishment revenue estimate is based on the four-year historical average (2010-2013) adjusted for annual customer growth factors for the period 2014-2016. This order type is driven in large part by external factors such as economic condition. Recorded 2009 reflected anomalous economic condition which are not likely to repeat. In 2009 SoCal experienced high foreclosures, low median home prices, and a first time home owner tax credit was in effect which all leads to higher than normal turnover.

	2009	2010	2011	2012	2013	4 YR AVG
<i>Svc Establishment Fee Actual</i>						
<i>Service Establishment Fee Accr</i>						
<i>CARE Discount (Report E03P04, E03P04-2 AE)</i>	26,489	25,931	24,410	24,024	23,268	24,408
		2014	2015	2016		
Forecast Growth Rate		0.5%	0.6%	0.8%		
FORECAST = 5 Year Avg x Growth Rate		24,530	24,677	24,875		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	23,268
2.	2014 Estimated	24,530
3.	2015 Estimated	24,677
4.	2016 Test Year	24,875

SOUTHERN CALIFORNIA GAS COMPANY					
MISCELLANEOUS REVENUES					
TAB 1A: FERC ACCOUNT 488 SERVICE ESTABLISHMENT CHARGES FORCAST					
GL Accounts 4330003, 4330031, CARE Discount (Report E03P04, E03P04-2 AE)					
	2009	2010	2011	2012	2013
Jan	2,173,057	2,383,444	2,009,220	2,154,450	2,049,460
Feb	2,222,235	2,354,468	2,002,005	1,929,726	2,033,925
Mar	2,081,446	2,098,381	2,003,235	1,982,740	1,918,630
Apr	2,077,315	2,070,255	1,932,950	1,801,610	1,842,450
May	2,070,758	2,071,992	1,915,540	2,017,175	1,724,735
Jun	2,120,968	1,995,563	1,986,290	2,002,755	1,868,055
Jul	2,307,323	2,169,141	2,138,741	2,898,015	1,928,825
Aug	2,257,151	2,314,548	2,243,585	1,541,510	2,026,591
Sep	2,438,177	2,178,943	2,101,150	2,295,910	2,176,515
Oct	2,183,091	2,066,222	2,118,420	1,840,960	1,903,695
Nov	2,230,499	2,062,165	1,923,395	1,798,810	1,948,780
Dec	2,326,767	2,166,115	2,035,405	1,760,220	1,846,235
Total	26,488,786	25,931,237	24,409,936	24,023,881	23,267,896
4 year average (2010 - 2013)		24,408,238			
Forecast Years			2014	2015	2016
Forecast Growth by Year -			0.5%	0.6%	0.8%
Forecast			24,530,279	24,677,460	24,874,880

SOUTHERN CALIFORNIA GAS COMPANY					
MISCELLANEOUS REVENUES					
TAB 1B: FERC ACCOUNT 488 CARE ADJUSTED SEVICE ESTABLISHMENT CHARGES					
	SEC REVENUE (SAP # 4330003)	SEC REVENUE ACCRUAL (SAP # 4330031)	SEC CARE DISCOUNT	SEC CARE DISCOUNT FROM AUTO- ENROLLMENT	CARE DISCOUNT ADJUSTED SEC REVENUE
Jan-09	1,797,902	60,275	314,880	0	2,173,057
Feb-09	1,922,525	-320	300,030	0	2,222,235
Mar-09	1,862,856	-57,920	276,510	0	2,081,446
Apr-09	1,703,705	42,545	331,065	0	2,077,315
May-09	1,820,653	-60,560	310,665	0	2,070,758
Jun-09	1,777,188	34,690	309,090	0	2,120,968
Jul-09	1,955,818	-5,300	356,805	0	2,307,323
Aug-09	1,871,871	44,420	340,860	0	2,257,151
Sep-09	2,107,117	-38,915	369,975	0	2,438,177
Oct-09	1,916,046	-79,515	346,560	0	2,183,091
Nov-09	1,866,759	31,580	332,160	0	2,230,499
Dec-09	1,973,232	24,825	328,710	0	2,326,767
Jan-10	1,954,464	71,260	357,720	0	2,383,444
Feb-10	1,968,653	39,630	346,170	15	2,354,468
Mar-10	1,794,311	-41,230	345,300	0	2,098,381
Apr-10	1,773,160	-35,185	332,280	0	2,070,255
May-10	1,686,787	12,230	372,975	0	2,071,992
Jun-10	1,664,733	-74,470	405,300	0	1,995,563
Jul-10	1,860,441	-56,805	365,505	0	2,169,141
Aug-10	1,859,458	83,270	371,820	0	2,314,548
Sep-10	1,939,773	-118,865	358,035	0	2,178,943
Oct-10	1,765,627	-16,580	317,175	0	2,066,222
Nov-10	1,700,655	36,715	324,795	0	2,062,165
Dec-10	1,796,975	34,475	334,665	0	2,166,115
Jan-11	1,693,010	3,625	312,585	0	2,009,220
Feb-11	1,667,945	14,050	320,010	0	2,002,005
Mar-11	1,732,390	-68,065	338,910	0	2,003,235
Apr-11	1,654,130	-38,430	317,250	0	1,932,950
May-11	1,615,475	-12,895	312,960	0	1,915,540
Jun-11	1,687,260	-10,525	309,540	15	1,986,290
Jul-11	1,810,666	33,535	294,540	0	2,138,741
Aug-11	1,903,410	30,980	309,195	0	2,243,585
Sep-11	1,805,265	-38,375	334,260	0	2,101,150
Oct-11	1,782,680	19,780	315,960	0	2,118,420
Nov-11	1,582,705	15,550	325,140	0	1,923,395
Dec-11	1,698,785	42,260	294,360	0	2,035,405
Jan-12	1,806,355	38,630	309,465	0	2,154,450
Feb-12	1,621,761	-10,065	318,030	0	1,929,726
Mar-12	1,780,305	-95,555	297,990	0	1,982,740
Apr-12	1,517,865	-2,125	285,870	0	1,801,610
May-12	1,664,855	42,285	310,035	0	2,017,175
Jun-12	1,677,065	22,870	302,820	0	2,002,755
Jul-12	1,939,765	690,200	268,050	0	2,898,015
Aug-12	1,880,370	-623,485	284,625	0	1,541,510
Sep-12	1,890,445	80,355	325,110	0	2,295,910
Oct-12	1,704,075	-149,060	285,945	0	1,840,960
Nov-12	1,487,360	35,675	275,775	0	1,798,810
Dec-12	1,540,890	-30,960	250,290	0	1,760,220
Jan-13	1,691,560	81,120	276,780	0	2,049,460
Feb-13	1,699,650	22,815	311,460	0	2,033,925
Mar-13	1,740,460	-107,280	285,435	15	1,918,630
Apr-13	1,621,655	-21,095	241,890	0	1,842,450
May-13	1,528,430	-27,735	224,040	0	1,724,735
Jun-13	1,644,840	5,655	217,560	0	1,868,055
Jul-13	1,710,735	-6,400	224,490	0	1,928,825
Aug-13	1,816,456	-19,095	229,230	0	2,026,591
Sep-13	1,914,060	22,125	240,315	15	2,176,515
Oct-13	1,695,625	-41,905	249,975	0	1,903,695
Nov-13	1,561,625	145,775	241,380	0	1,948,780
Dec-13	1,633,385	-18,645	231,495	0	1,846,235

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 2: FERC ACCOUNT 488 RECONNECTION CHARGE

A. Account Description: # 2 Reconnection Charge

The Reconnection Charge is \$16.00 to re-establish service subsequent to the closing of a customer account for non-payment pursuant to SoCalGas Tariff Schedule/Rule 10.

B. Forecast Methodology

The 2016 estimate is based on the five-year historical average (2009-2013) adjusted for the annual growth rates for non-pay turn-on orders for the period 2014-2016.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Misc Svs Rev Reconnect Charge</i>	1,707	1,699	1,392	1,298	1,396	1,498
		<u>2014</u>	<u>2015</u>	<u>2016</u>		
Forecast Growth Rate		0.0%	0.0%	0.0%		
FORECAST = 5 Year Avg x Growth Rate		1,498	1,498	1,498		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	1,396
2.	2014 Estimated	1,498
3.	2015 Estimated	1,498
4.	2016 Test Year	1,498

SOUTHERN CALIFORNIA GAS COMPANY					
MISCELLANEOUS REVENUES					
TAB 2A: FERC ACCOUNT 488 RECONNECTION CHARGE FORECAST					
GL Account 4330002					
	2009	2010	2011	2012	2013
Jan	135,440	113,415	108,381	81,925	113,500
Feb	140,995	136,184	120,155	111,983	118,234
Mar	169,945	162,985	139,295	121,626	129,879
Apr	170,495	160,454	124,853	114,759	131,495
May	142,547	167,072	121,894	119,582	123,637
Jun	161,345	164,349	122,375	112,024	110,880
Jul	136,299	133,077	105,764	99,510	105,731
Aug	142,029	143,423	120,627	116,967	133,213
Sep	139,130	148,926	123,096	91,937	121,663
Oct	144,836	147,011	134,186	133,027	120,879
Nov	116,833	128,990	98,067	107,798	102,953
Dec	107,202	93,302	72,850	86,392	84,035
Total	1,707,096	1,699,188	1,391,543	1,297,530	1,396,099
5 year average		1,498,291			
Forecast Years			2014	2015	2016
Forecast Growth by Year -			0.0%	0.0%	0.0%
Forecast			1,498,291	1,498,291	1,498,291
Note: Any recorded revenue varies from those provided in original document. The results shown here reflect the balance in the account (net of credits & debits recorded in 4330002)					

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 3: FERC ACCOUNT 488 RESIDENTIAL PARTS PROGRAM

A. Account Description: # 3 Residential Parts Program

The Residential Parts Program provides limited parts replacement for residential-type gas appliances (such as ranges, water heaters, and space heaters).

B. Forecast Methodology

The 2016 forecast is based on the 5 year average number of sales order per Customer Service Field (CSF) order type multiplied by the 3 year average of recorded miscellaneous revenue per sales order multiplied by the forecasted CSF order volumes. The 3 year average of recorded miscellaneous revenue was used as fee changes were implemented in mid year 2010. Please see supplemental work paper for more details.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>3 YR AVG</u>
<i>Residential Limited Parts Program</i>	1,576	1,753	2,148	1,932	1,948	2,009

	<u>2014</u>	<u>2015</u>	<u>2016</u>
Forecast Growth Rate	0.5%	0.6%	0.8%

FORECAST = Average number of sales per order type X average dollar collected per sale X forecasted order volume	1,863	1,895	2,030
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C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	1,948
2.	2014 Estimated	1,863
3.	2015 Estimated	1,895
4.	2016 Test Year	2,030

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 3A: FERC ACCOUNT 488 RESIDENTIAL PARTS PROGRAM FORECAST

Order Type	Forecasted Orders			Average % of Orders Resulting In Residential Sales (2009 - 2013)	Average (\$) Per Residential Sale (2011 - 2013)			2016 Forecasted Residential Sale From OutReach CSO
	2014	2015	2016		2014 Forecasted Residential Sale	2015 Forecasted Residential Sale	2016 Forecasted Residential Sale	
Turn On (Not Entered)	827,797	839,483	851,170	0.0131%	\$ 7,053.53	\$ 7,153.11	\$ 7,252.69	
Close (Soft)	635,258	655,814	676,369	0.0002%	\$ 96.74	\$ 99.87	\$ 103.00	
Collect/Close (2nd Call)	277,964	290,208	302,453	0.0001%	\$ 13.28	\$ 13.87	\$ 14.45	
Other	71	81	92	0.1709%	\$ 7.94	\$ 9.09	\$ 10.23	
CSO	250,016	251,550	253,083	3.1745%	\$ 517,694.67	\$ 520,869.92	\$ 524,045.17	\$ 103,532.12
CO-Test	7,266	8,344	9,582	0.9163%	\$ 4,342.93	\$ 4,987.02	\$ 5,726.63	
No Gas	15,571	16,131	16,691	0.7508%	\$ 7,626.04	\$ 7,900.30	\$ 8,174.56	
Seasonal Off	7,306	7,351	7,395	0.3188%	\$ 1,519.20	\$ 1,528.52	\$ 1,537.84	
Seasonal On	64,987	65,385	65,784	1.1736%	\$ 49,749.36	\$ 50,054.49	\$ 50,359.62	
CSO Leak	270,325	272,175	274,026	3.6058%	\$ 635,791.92	\$ 640,143.48	\$ 644,495.04	
Pilot Out Only	23,337	23,480	23,623	1.0892%	\$ 16,580.49	\$ 16,682.19	\$ 16,783.88	
Leak Investigation (Step2)	12,831	13,120	13,408	3.4109%	\$ 28,547.84	\$ 29,189.41	\$ 29,830.98	
Turn On	68,572	69,008	69,529	1.7341%	\$ 77,563.23	\$ 78,056.19	\$ 78,645.32	
Close	78,455	78,953	79,549	0.0012%	\$ 62.71	\$ 63.11	\$ 63.59	
Entered	7,384	7,252	7,121	1.2116%	\$ 5,835.12	\$ 5,731.22	\$ 5,627.32	
Not Entered	12,082	10,929	9,776	0.0041%	\$ 31.99	\$ 28.94	\$ 25.89	
Meter Set - Turn On	25,556	29,380	32,697	0.5219%	\$ 8,699.33	\$ 10,000.93	\$ 11,130.27	
Meter Set - Left Off	2,877	3,307	3,681	0.0336%	\$ 63.14	\$ 72.59	\$ 80.78	
Meter Reset - Turn On	1,638	1,780	1,923	1.1169%	\$ 1,192.98	\$ 1,296.85	\$ 1,400.73	
Meter Reset - Left Off	582	599	615	0.0985%	\$ 37.40	\$ 38.44	\$ 39.49	
Meter Change (Entered)	12,314	12,318	12,322	1.0092%	\$ 8,105.81	\$ 8,108.47	\$ 8,111.13	
Meter Change (Not Entered)	162,245	162,298	162,352	0.0016%	\$ 164.86	\$ 164.91	\$ 164.97	
Meter Change (Size)	5,441	5,383	5,326	0.9807%	\$ 3,480.47	\$ 3,443.84	\$ 3,407.21	
Turn On	85,855	90,700	95,544	0.7906%	\$ 44,273.17	\$ 46,771.24	\$ 49,269.32	
Verify	80,882	82,872	84,861	0.0025%	\$ 130.36	\$ 133.57	\$ 136.77	
Load Survey - Res	5,973	6,112	6,251	0.3801%	\$ 1,480.85	\$ 1,515.33	\$ 1,549.81	
Turn On (Entered)	127,207	136,247	145,287	1.9158%	\$ 158,966.04	\$ 170,263.08	\$ 181,560.11	
Turn On Entered (Gas On)	48,921	52,348	55,774	4.2110%	\$ 134,373.12	\$ 143,784.08	\$ 153,195.04	
Turn On (Back On/Restore)	53,742	56,431	59,120	1.3053%	\$ 45,756.36	\$ 48,045.70	\$ 50,335.04	
Turn On (PSI)	1,568	1,614	1,661	0.1375%	\$ 140.69	\$ 144.84	\$ 148.99	
Close (Hard)	47,735	48,801	49,867	0.0049%	\$ 151.59	\$ 154.97	\$ 158.36	
Service Order (MSO)	27,696	26,923	26,151	0.7419%	\$ 13,403.48	\$ 13,029.50	\$ 12,655.52	
Meter & Reg (MMR)	36,557	42,199	47,840	0.0849%	\$ 2,023.71	\$ 2,336.01	\$ 2,648.30	
Assist	14,992	14,820	14,647	0.2613%	\$ 2,555.70	\$ 2,526.27	\$ 2,496.84	
Turn On (Entered)	3,094	3,085	3,076	0.0192%	\$ 38.78	\$ 38.67	\$ 38.56	
CSO	55,306	55,246	55,186	0.0331%	\$ 1,194.29	\$ 1,192.99	\$ 1,191.70	
CSO Leak	10,088	10,226	10,364	0.2247%	\$ 1,478.90	\$ 1,499.15	\$ 1,519.40	
ISO	21,072	20,473	19,874	0.0835%	\$ 1,147.21	\$ 1,114.61	\$ 1,082.01	
CSO	30,231	28,634	27,038	2.4364%	\$ 48,041.64	\$ 45,504.61	\$ 42,967.57	
Turn On (Entered)	29,834	27,888	25,942	1.7096%	\$ 33,268.09	\$ 31,098.14	\$ 28,928.19	
Other	4	4	4	1.6667%	\$ 4.47	\$ 4.59	\$ 4.71	
				TOTAL	2014 Forecast	2015 Forecast	2016 Forecast	
					\$ 1,862,689.44	\$ 1,894,794.10	\$ 2,030,449.15	
SCG Residential Parts Program Historical								
	2009	2010	2011	2012	2013			
Jan	156,945	147,747	219,575	168,385	182,151			
Feb	141,228	134,418	202,102	170,817	172,768			
Mar	126,193	126,030	179,128	164,264	135,033			
Apr	127,615	132,031	157,163	146,032	137,580			
May	116,374	118,964	162,283	156,500	150,118			
Jun	112,369	111,787	152,702	141,465	126,687			
Jul	107,636	107,361	148,549	134,718	128,898			
Aug	117,898	117,965	142,637	133,235	139,960			
Sep	108,176	121,875	146,576	132,109	138,880			
Oct	134,809	150,835	177,083	170,203	164,559			
Nov	157,633	239,488	243,424	219,513	223,256			
Dec	169,138	244,223	217,053	194,828	248,390			
Total	1,576,013	1,576,013	1,576,013	1,576,013	1,576,013			

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 4: FERC ACCOUNT 488 COMMERCIAL PARTS PROGRAM

A. Account Description: # 4 Commercial Parts Program

The Commercial Parts Program provides parts replacement on food industry-type appliances located in restaurants, hospitals, rest homes, sanitariums, schools, churches, and in-plant food preparation facilities.

B. Forecast Methodology

The 2016 forecast is based on the 5 year average number of sales order per Customer Service Field (CSF) order type multiplied by the 3 year average of recorded miscellaneous revenue per sales order multiplied by the forecasted CSF order volumes. The 3 year average of recorded miscellaneous revenue was used as fee changes were implemented in mid-year 2010. Please see supplemental work paper for more details.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>3 YR AVG</u>
<i>Rev From Comm Parts Sales</i>	2,984	3,123	2,830	2,804	2,840	2,825
		<u>2014</u>	<u>2015</u>	<u>2016</u>		
Forecast Growth Rate		0.5%	0.6%	0.8%		
FORECAST = Average number of sales per order type X average dollar collected per sale X forecasted order volume		2,996	2,994	2,992		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	2,840
2.	2014 Estimated	2,996
3.	2015 Estimated	2,994
4.	2016 Test Year	2,992

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 4A: FERC ACCOUNT 488 COMMERCIAL PARTS PROGRAM FORECAST

Order Type	Forecasted Orders			Average % of Orders Resulting In Commercial Sales (2009 - 2013)	Average (\$) Per Commercial Sale (2011 - 2013)			\$ 208.78
	2014	2015	2016		2014 Forecasted Commercial Sale	2015 Forecasted Commercial Sale	2016 Forecasted Commercial Sale	2016 Forecasted Commercial Sale From OutReach CSO
	Turn On (Not Entered)	827,797	839,483		851,170	0.0002%	\$ 295.70	\$ 299.88
CSO	250,016	251,550	253,083	0.0038%	\$ 1,970.09	\$ 1,982.18	\$ 1,994.26	\$ 393.99
No Gas	15,571	16,131	16,691	0.0098%	\$ 319.27	\$ 330.75	\$ 342.24	
Seasonal On	64,987	65,385	65,784	0.0030%	\$ 407.80	\$ 410.30	\$ 412.80	
CSO Leak	270,325	272,175	274,026	0.0536%	\$ 30,255.66	\$ 30,462.74	\$ 30,669.81	
Pilot Out Only	23,337	23,480	23,623	0.0015%	\$ 71.77	\$ 72.21	\$ 72.65	
Leak Investigation (Step2)	12,831	13,120	13,408	0.0030%	\$ 80.49	\$ 82.30	\$ 84.11	
Turn On	68,572	69,008	69,529	0.0072%	\$ 1,026.93	\$ 1,033.46	\$ 1,041.26	
Entered	7,384	7,252	7,121	0.0238%	\$ 366.68	\$ 360.15	\$ 353.62	
Meter Set - Turn On	25,556	29,380	32,697	0.0225%	\$ 1,199.50	\$ 1,378.97	\$ 1,534.69	
Meter Reset - Turn On	1,638	1,780	1,923	0.0330%	\$ 112.88	\$ 122.71	\$ 132.53	
Meter Reset - Left Off	582	599	615	0.0290%	\$ 35.29	\$ 36.27	\$ 37.26	
Meter Change (Entered)	12,314	12,318	12,322	0.0104%	\$ 266.50	\$ 266.59	\$ 266.67	
Meter Change (Size)	5,441	5,383	5,326	0.0118%	\$ 133.62	\$ 132.22	\$ 130.81	
Turn On	85,855	90,700	95,544	0.0392%	\$ 7,029.45	\$ 7,426.08	\$ 7,822.71	
Load Survey - Res	5,973	6,112	6,251	0.0031%	\$ 38.92	\$ 39.82	\$ 40.73	
Turn On (Entered)	127,207	136,247	145,287	0.0032%	\$ 837.77	\$ 897.31	\$ 956.84	
Turn On Entered (Gas On)	48,921	52,348	55,774	0.0004%	\$ 39.76	\$ 42.54	\$ 45.33	
Turn On (Back On/Restore)	53,742	56,431	59,120	0.0094%	\$ 1,055.10	\$ 1,107.89	\$ 1,160.68	
Service Order (MSO)	27,696	26,923	26,151	0.0977%	\$ 5,651.06	\$ 5,493.39	\$ 5,335.71	
Meter & Reg (MMR)	36,557	42,199	47,840	0.0017%	\$ 131.56	\$ 151.86	\$ 172.16	
Assist	14,992	14,820	14,647	0.4978%	\$ 15,583.22	\$ 15,403.78	\$ 15,224.33	
Turn On (Entered)	3,094	3,085	3,076	6.3707%	\$ 41,154.58	\$ 41,036.10	\$ 40,917.62	
CSO	55,306	55,246	55,186	20.4335%	\$ 2,359,467.63	\$ 2,356,910.60	\$ 2,354,353.57	
CSO Leak	10,088	10,226	10,364	19.2820%	\$ 406,126.39	\$ 411,687.20	\$ 417,248.01	
ISO	21,072	20,473	19,874	0.8364%	\$ 36,798.61	\$ 35,752.83	\$ 34,707.05	
Load Survey- I/C	3,906	3,713	3,521	0.1282%	\$ 1,045.84	\$ 994.22	\$ 942.60	
CSO	30,231	28,634	27,038	1.2479%	\$ 78,763.77	\$ 74,604.33	\$ 70,444.89	
Turn On (Entered)	29,834	27,888	25,942	0.0887%	\$ 5,525.84	\$ 5,165.41	\$ 4,804.98	
				TOTAL	2014 Forecast	2015 Forecast	2016 Forecast	
					\$ 2,995,791.66	\$ 2,993,684.06	\$ 2,991,947.97	
SCG Commercial Parts Program Historical								
GL Account 4330005								
	2009	2010	2011	2012	2013			
Jan	257,078	313,280	261,804	253,331	248,937			
Feb	254,977	204,435	250,864	247,448	247,176			
Mar	250,758	231,218	247,471	254,120	225,954			
Apr	242,857	247,148	229,694	234,247	238,670			
May	251,932	244,499	247,739	228,055	223,239			
Jun	249,821	255,491	222,395	220,279	232,476			
Jul	229,515	287,422	215,737	231,795	226,823			
Aug	244,766	269,972	218,529	222,997	225,395			
Sep	237,673	251,075	217,629	229,133	238,983			
Oct	241,460	256,523	233,772	226,729	242,143			
Nov	270,983	272,346	236,713	240,985	263,844			
Dec	252,469	289,663	247,468	215,269	226,100			
Total	2,984,289	3,123,072	2,829,815	2,804,388	2,839,741			

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 5: FERC ACCOUNT 488 CONNECT APPLIANCE PROGRAM

A. Account Description: # 5 Connect Appliance Program

Connect Appliance Program provides upon customer request for the connection of new and used portable appliances such as gas ranges, dryers, and barbecues pursuant to SoCalGas Tariff Rule No. 10.

B. Forecast Methodology

The 2016 forecast is based on the 5 year average number of sales order per Customer Service Field (CSF) order type multiplied by the 3 year average of recorded miscellaneous revenue per sales order multiplied by the forecasted CSF order volumes. The 3 year average of recorded miscellaneous revenue was used as fee changes were implemented in mid-year 2010. Please see supplemental work paper for more details.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>3 YR AVG</u>
<i>Revs From Appl Connection Svc</i>	131	121	111	99	79	96
		<u>2014</u>	<u>2015</u>	<u>2016</u>		
Forecast Growth Rate		0.5%	0.6%	0.8%		
FORECAST = Average number of sales per order type X average dollar collected per sale X forecasted order volume		132	132	157		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	79
2.	2014 Estimated	132
3.	2015 Estimated	132
4.	2016 Test Year	157

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 5A: FERC ACCOUNT 488 CONNECT APPLIANCE PROGRAM FORECAST

SOUTHERN CALIFORNIA GAS COMPANY								
MISCELLANEOUS REVENUES								
TAB 5A: FERC ACCOUNT 488 CONNECT APPLIANCE PROGRAM FORECAST								
Forecasted Orders				Average % of Orders Resulting In Appliance Connect Sales (2009 - 2013)	Average (\$) Per Appliance Connect Sale (2011 - 2013)			\$ 107.15
Order Type	2014	2015	2016		2014 Forecasted Appliance Connect Sale	2015 Forecasted Appliance Connect Sale	2016 Forecasted Appliance Connect Sale	2016 Forecasted Appliance Connect Sale From OutReach CSO
CSO	250,016	251,550	253,083	0.4514%	\$ 120,930.60	\$ 121,672.32	\$ 122,414.04	\$ 24,184.53
CO-Test	7,266	8,344	9,582	0.0190%	\$ 147.65	\$ 169.55	\$ 194.69	
No Gas	15,571	16,131	16,691	0.0059%	\$ 98.51	\$ 102.06	\$ 105.60	
CSO Leak	270,325	272,175	274,026	0.0040%	\$ 1,158.13	\$ 1,166.06	\$ 1,173.99	
Leak Investigation (Step2)	12,831	13,120	13,408	0.0030%	\$ 41.06	\$ 41.98	\$ 42.91	
CSO	55,306	55,246	55,186	0.0008%	\$ 44.72	\$ 44.67	\$ 44.63	
ISO	21,072	20,473	19,874	0.0025%	\$ 56.60	\$ 54.99	\$ 53.38	
CSO	30,231	28,634	27,038	0.2928%	\$ 9,483.95	\$ 8,983.11	\$ 8,482.27	
				TOTAL	2014 Forecast	2015 Forecast	2016 Forecast	
					\$ 131,961.23	\$ 132,234.74	\$ 156,696.03	
SCG Connect Appliance Program Historical								
GL Account 4330009								
	2009	2010	2011	2012	2013			
Jan	12,403	10,946	9,322	7,299	5,916			
Feb	11,310	8,677	10,032	9,953	9,050			
Mar	12,136	9,011	11,737	7,527	9,427			
Apr	11,104	9,483	10,209	7,496	7,665			
May	11,774	7,741	9,158	8,429	6,993			
Jun	11,377	12,298	9,668	8,281	7,174			
Jul	12,679	11,608	10,640	9,023	7,072			
Aug	11,990	10,334	10,638	9,517	7,586			
Sep	10,116	12,141	8,738	9,996	5,846			
Oct	9,230	8,598	7,237	8,671	3,359			
Nov	7,849	10,057	7,082	5,190	3,672			
Dec	8,981	10,166	7,025	7,138	5,180			
Total	130,949	121,060	111,486	98,520	78,940			

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 6: FERC ACCOUNT 488 NATURAL GAS VEHICLE MAINTENANCE

A. Account Description: # 6 Natural Gas Vehicle (NGV) Maintenance

SoCalGas receives revenues for providing maintenance services at customer owned NGV facilities.

B. Forecast Methodology

The 2016 forecast reflects the five-year average booked revenue (2009-2013).

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Rev from Cust Owned NGV Station Maint</i>	131	151	114	87	91	115
		<u>2014</u>	<u>2015</u>	<u>2016</u>		
Forecast Growth Rate		0.00%	0.00%	0.00%		
FORECAST = 5 Year Avg x Growth Rate		115	115	115		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	91
2.	2014 Estimated	115
3.	2015 Estimated	115
4.	2016 Test Year	115

**SOUTHERN CALIFORNIA GAS COMPANY
MISCELLANEOUS REVENUES
TAB 7: FERC ACCOUNT 488 PIPELINE SERVICES**

A. Account Description: # 7 Pipeline Services

Pipeline services revenues are received for providing installation and maintenance of gas facilities primarily for commercial customers, school districts, cities, and counties.

B. Forecast Methodology

Unknown future work requirements and excess capacity for Pipeline Services work, forecasting has been set to zero. Generally construction performed in areas of military installations and campus style projects have decreased due to economic factors.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Pipeline Services Revenue</i>	1,794	449	128	13	80	493
		<u>2014</u>	<u>2015</u>	<u>2016</u>		
Forecast Growth Rate		0.00%	0.00%	0.00%		
FORECAST = 5 Year Avg x Growth Rate		80	80	80		

C. Summary of Results

<u>Line</u>	<u>Miscellaneous Revenues</u>	<u>Total (\$000)</u>
1.	2013 Actual	80
2.	2014 Estimated	80
3.	2015 Estimated	80
4.	2016 Test Year	80

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 8: FERC ACCOUNT 488 LATE PAYMENT CHARGES (NON-RESIDENTIAL)

A. Account Description: # 8 Late Payment Charges

In D.04-12-015, the Commission adopted a Settlement Agreement in the revenue requirement phase of SoCalGas' 2004 Cost of Service. The Settlement Agreement adopted SoCalGas' proposal for a late payment charge for non-residential customers. The monthly charge is equal to 1/12 of SoCalGas' authorized rate of return on rate base applied to the unpaid balance.

B. Forecast Methodology

The 2016 forecast reflects the five-year average booked revenue (2009-2013).

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Rev From Late Pmt Chrg Actual</i>	476	502	484	460	479	480
		<u>2014</u>	<u>2015</u>	<u>2016</u>		
Forecast Growth Rate		0.00%	0.00%	0.00%		
FORECAST = 5 Year Avg x Growth Rate		480	480	480		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	479
2.	2014 Estimated	480
3.	2015 Estimated	480
4.	2016 Test Year	480

SOUTHERN CALIFORNIA GAS COMPANY						
MISCELLANEOUS REVENUES						
TAB 8A: FERC ACCOUNT 488 LATE PAYMENT CHARGES FORECAST (NON-RESIDENTIAL)						
GL Account 4330004						
	2009	2010	2011	2012	2013	
Jan	57,646	57,386	51,130	44,747	32,635	
Feb	67,308	58,492	50,707	56,026	60,489	
Mar	62,648	64,773	38,682	40,316	52,833	
Apr	46,588	43,244	54,057	57,409	39,552	
May	39,720	39,338	45,217	33,889	40,248	
Jun	26,177	33,530	33,357	28,562	46,036	
Jul	38,708	40,333	38,121	27,545	33,289	
Aug	29,627	35,500	32,924	29,962	45,418	
Sep	24,966	35,241	42,514	45,284	38,072	
Oct	27,201	38,995	34,959	24,874	28,523	
Nov	27,979	31,241	29,359	42,570	35,948	
Dec	27,730	24,046	33,302	28,332	25,706	
Total	476,297	502,119	484,330	459,515	478,748	
5 year average		480,202				
Forecast Years			2014	2015	2016	
Forecast Growth by Year -			0.0%	0.0%	0.0%	
Forecast			480,202	480,202	480,202	
Note: Any recorded revenue varies from those provided in original document. The results shown here reflect the balance in the account (net of credits & debits recorded in 4330004)						

**SOUTHERN CALIFORNIA GAS COMPANY
MISCELLANEOUS REVENUES**

TAB 9: FERC ACCOUNT 488 OTHER CUSTOMER SERVICE REVENUES

A. Account Description: # 9 Other Customer Service Revenues

Other Customer Service Revenues consist of miscellaneous programs, including timed appointments, seismic services, and non-seismic restore of gas services.

B. Forecast Methodology

Timed Appt, Seismic, Non-Seismic: The 2016 forecast is based on the 5 year average number of sales order per Customer Service Field (CSF) order type multiplied by the 5 year average of recorded miscellaneous revenue per sales order multiplied by the forecasted CSF order volumes. Please see supplemental work paper for more details.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Revenue from Set Time Appt Svc Chrg</i>	68	73	89	54	48	66
<i>Rev Fr Airqual Prog Hndbk & Smnar</i>	5	6	4	5	0	4
<i>Rev for Seismic Services</i>	3	3	3	3	2	3
<i>Rev for Seismic Restores</i>	390	352	352	316	318	346
<i>Rev for Non-Seismic Restores</i>	21	19	14	11	12	15
	487	453	462	389	380	434

Forecast Growth Rate

2014 2015 2016

0.5% 0.6% 0.8%

*Excluding Customer Solutions (Air Quality)

FORECAST = Average number of sales per order type X average dollar collected per sale X forecasted order volume

494 508 533

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	380
2.	2014 Estimated	494
3.	2015 Estimated	508
4.	2016 Test Year	533

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 9A: FERC ACCOUNT 488 TIMED APPOINTMENT SALES FORECAST

Order Type	Forecasted Orders			Average % of Orders Resulting In Timed Appointment Sales (2009 - 2013)	Average (\$) Per Timed Appointment Sale (2009 - 2013)			\$ 25.93
	2014	2015	2016		2014 Forecast	2015 Forecast	2016 Forecast	2016 Forecasted Timed Appointment Sale From Outreach CSO
Turn On (Not Entered)	827,797	839,483	851,170	0.0023%	\$ 501.37	\$ 508.45	\$ 515.52	
Close (Soft)	635,258	655,814	676,369	0.0002%	\$ 27.50	\$ 28.39	\$ 29.28	
CSO	250,016	251,550	253,083	0.2543%	\$ 16,484.53	\$ 16,585.64	\$ 16,686.75	\$ 3,296.69
No Gas	15,571	16,131	16,691	0.0565%	\$ 227.93	\$ 236.12	\$ 244.32	
Seasonal Off	7,306	7,351	7,395	0.0370%	\$ 70.12	\$ 70.55	\$ 70.98	
Seasonal On	64,987	65,385	65,784	0.3617%	\$ 6,094.09	\$ 6,131.46	\$ 6,168.84	
CSO Leak	270,325	272,175	274,026	0.0007%	\$ 52.45	\$ 52.81	\$ 53.17	
Pilot Out Only	23,337	23,480	23,623	0.0007%	\$ 4.06	\$ 4.09	\$ 4.11	
Turn On	68,572	69,008	69,529	0.1589%	\$ 2,824.97	\$ 2,842.93	\$ 2,864.38	
Close	78,455	78,953	79,549	0.0030%	\$ 61.66	\$ 62.05	\$ 62.52	
Entered	7,384	7,252	7,121	0.1142%	\$ 218.65	\$ 214.75	\$ 210.86	
Not Entered	12,082	10,929	9,776	0.0590%	\$ 184.70	\$ 167.07	\$ 149.44	
Meter Set - Turn On	25,556	29,380	32,697	0.0999%	\$ 662.19	\$ 761.26	\$ 847.23	
Meter Set - Left Off	2,877	3,307	3,681	0.0467%	\$ 34.82	\$ 40.04	\$ 44.56	
Meter Reset - Turn On	1,638	1,780	1,923	0.2450%	\$ 104.02	\$ 113.07	\$ 122.13	
Meter Reset - Left Off	582	599	615	0.2476%	\$ 37.37	\$ 38.41	\$ 39.46	
Meter Change (Entered)	12,314	12,318	12,322	0.0126%	\$ 40.19	\$ 40.20	\$ 40.21	
Meter Change (Not Entered)	162,245	162,298	162,352	0.0007%	\$ 30.28	\$ 30.29	\$ 30.30	
Meter Change (Size)	5,441	5,383	5,326	0.0694%	\$ 97.93	\$ 96.90	\$ 95.87	
Meter Remove	5,329	5,302	5,276	0.0039%	\$ 5.32	\$ 5.29	\$ 5.27	
Turn On	85,855	90,700	95,544	0.1644%	\$ 3,659.53	\$ 3,866.02	\$ 4,072.50	
Verify	80,882	82,872	84,861	0.0005%	\$ 10.30	\$ 10.56	\$ 10.81	
Load Survey - Res	5,973	6,112	6,251	0.3472%	\$ 537.60	\$ 550.12	\$ 562.64	
Turn On (Entered)	127,207	136,247	145,287	0.5972%	\$ 19,695.49	\$ 21,095.17	\$ 22,494.84	
Turn On Entered (Gas On)	48,921	52,348	55,774	0.1352%	\$ 1,714.41	\$ 1,834.48	\$ 1,954.55	
Turn On (Back On/Restore)	53,742	56,431	59,120	0.0562%	\$ 783.13	\$ 822.31	\$ 861.50	
Turn On (PSI)	1,568	1,614	1,661	0.4373%	\$ 177.79	\$ 183.03	\$ 188.27	
Close (Hard)	47,735	48,801	49,867	0.0049%	\$ 61.19	\$ 62.56	\$ 63.92	
Service Order (MSO)	27,696	26,923	26,151	0.0009%	\$ 6.58	\$ 6.40	\$ 6.21	
Meter & Reg (MMR)	36,557	42,199	47,840	0.0003%	\$ 2.87	\$ 3.31	\$ 3.75	
Turn On (Entered)	3,094	3,085	3,076	0.2070%	\$ 166.03	\$ 165.55	\$ 165.07	
CSO	55,306	55,246	55,186	0.0232%	\$ 332.07	\$ 331.71	\$ 331.35	
CSO Leak	10,088	10,226	10,364	0.0020%	\$ 5.30	\$ 5.37	\$ 5.44	
ISO	21,072	20,473	19,874	0.0502%	\$ 274.21	\$ 266.42	\$ 258.63	
Load Survey- I/C	3,906	3,713	3,521	0.0502%	\$ 50.81	\$ 48.31	\$ 45.80	
CSO	30,231	28,634	27,038	0.2209%	\$ 1,731.11	\$ 1,639.69	\$ 1,548.27	
Turn On (Entered)	29,834	27,888	25,942	0.4019%	\$ 3,108.69	\$ 2,905.92	\$ 2,703.15	
				TOTAL	2014 Forecast	2015 Forecast	2016 Forecast	
					\$ 60,081.28	\$ 61,826.72	\$ 66,858.63	
SCG Time Appointment Historical								
GL Account 4330007								
	2009	2010	2011	2012	2013			
Jan	9,575	8,925	8,700	5,300	7,150			
Feb	5,125	7,150	6,750	4,950	5,475			
Mar	5,125	5,300	7,125	3,000	3,325			
Apr	4,775	5,250	4,875	2,975	3,250			
May	5,775	4,725	5,025	3,200	3,100			
Jun	4,175	3,675	4,975	3,225	2,475			
Jul	3,775	3,825	4,225	3,125	2,000			
Aug	4,050	3,300	4,350	3,275	1,925			
Sep	4,200	4,400	5,002	3,150	2,625			
Oct	6,600	7,275	9,100	4,825	3,775			
Nov	7,600	9,400	15,725	9,375	6,825			
Dec	6,825	9,625	12,875	7,400	6,025			
Total	67,600	72,850	88,727	53,800	47,950			

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 9B: FERC ACCOUNT 488 SEISMIC SERVICES FORECAST

Order Type	Forecasted Orders			Average % of Orders Resulting In EQ Valve Removal Sales (2009-2013)	Average (\$) Per EQ Valve Removal Sale (2009-2013)			\$ 65.86
	2014	2015	2016		2014 Forecasted EQ Valve Removal Sale	2015 Forecasted EQ Valve Removal Sale	2016 Forecasted EQ Valve Removal Sale	2016 Forecasted EQ Valve Removal Sale From OutReach CSO
CSO	250,016	251,550	253,083	0.0019%	\$ 305.03	\$ 306.90	\$ 308.77	\$ 61.00
No Gas	15,571	16,131	16,691	0.0710%	\$ 727.70	\$ 753.87	\$ 780.05	
CSO Leak	270,325	272,175	274,026	0.0025%	\$ 440.09	\$ 443.10	\$ 446.11	
Leak Investigation (Step2)	12,831	13,120	13,408	0.0027%	\$ 22.76	\$ 23.27	\$ 23.78	
Turn On	68,572	69,008	69,529	0.0007%	\$ 33.55	\$ 33.76	\$ 34.02	
Meter Change (Entered)	12,314	12,318	12,322	0.0025%	\$ 20.40	\$ 20.41	\$ 20.42	
Meter Change (Size)	5,441	5,383	5,326	0.0039%	\$ 14.06	\$ 13.91	\$ 13.77	
Turn On	85,855	90,700	95,544	0.0002%	\$ 10.61	\$ 11.21	\$ 11.81	
Turn On (Entered)	127,207	136,247	145,287	0.0017%	\$ 144.88	\$ 155.17	\$ 165.47	
Turn On Entered (Gas On)	48,921	52,348	55,774	0.0007%	\$ 22.33	\$ 23.89	\$ 25.46	
Turn On (Back On/Restore)	53,742	56,431	59,120	0.0014%	\$ 49.31	\$ 51.78	\$ 54.24	
Service Order (MSO)	27,696	26,923	26,151	0.0053%	\$ 95.82	\$ 93.15	\$ 90.47	
Meter & Reg (MMR)	36,557	42,199	47,840	0.0008%	\$ 19.94	\$ 23.01	\$ 26.09	
Assist	14,992	14,820	14,647	0.0014%	\$ 14.19	\$ 14.03	\$ 13.87	
Turn On (Entered)	3,094	3,085	3,076	0.0134%	\$ 27.20	\$ 27.13	\$ 27.05	
CSO	55,306	55,246	55,186	0.0171%	\$ 621.69	\$ 621.02	\$ 620.34	
CSO Leak	10,088	10,226	10,364	0.0100%	\$ 66.63	\$ 67.55	\$ 68.46	
ISO	21,072	20,473	19,874	0.0023%	\$ 32.41	\$ 31.49	\$ 30.57	
CSO	30,231	28,634	27,038	0.0033%	\$ 65.39	\$ 61.93	\$ 58.48	
TOTAL*					2014 Forecast	2015 Forecast	2016 Forecast	
					\$ 4,553.70	\$ 4,624.64	\$ 4,797.24	
EQ Valve Removal		* Forecast is completed using Average (\$) Per EQ Valve Removal Sale (2009 - 2013). Total is then adjusted by applying % change in pricing.						
Old Price	\$ 83.28							
New Price	\$ 138.71							
% Change	66.56%							
SCG Seismic Services Forecast								
GL Account 4330019								
	2009	2010	2011	2012	2013			
Jan	137	153	201	320	118			
Feb	285	473	306	223	403			
Mar	271	293	188	201	118			
Apr	333	285	271	105	-			
May	618	285	285	215	167			
Jun	188	430	105	403	118			
Jul	118	333	188	250	236			
Aug	341	153	118	438	-			
Sep	83	223	389	320	201			
Oct	153	514	236	83	-			
Nov	223	70	472	167	153			
Dec	35	153	285	167	35			
Total	2,785	3,264	3,045	2,890	1,150			

SCG Ex. No. SCG 32-R-WP-2890 Address: Michelle A. Somerville

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 9D: FERC ACCOUNT 488 NON-SEISMIC RESTORE FORECAST

Forecasted Orders									Average % of	Average (\$) Per Non-Seismic Restore Sale (2009 - 2013)			\$ 79.31
Order Type	2014	2015	2016	Orders Resulting In Non-Seismic Restore Sales (2009 - 2013)		2014 Forecasted Non-Seismic Restore Sale	2015 Forecasted Non-Seismic Restore Sale	2016 Forecasted Non-Seismic Restore Sale	2016 Forecasted Non-Seismic Restore Sale From OutReach CSO				
										CSO	250,016	251,550	253,083
No Gas	15,571	16,131	16,691	0.6815%	\$ 8,416.01	\$ 8,718.69	\$ 9,021.36						
Seasonal On	64,987	65,385	65,784	0.0002%	\$ 11.39	\$ 11.46	\$ 11.53						
CSO Leak	270,325	272,175	274,026	0.0055%	\$ 1,169.75	\$ 1,177.75	\$ 1,185.76						
Pilot Out Only	23,337	23,480	23,623	0.0035%	\$ 64.56	\$ 64.96	\$ 65.36						
Leak Investigation (Step2)	12,831	13,120	13,408	0.0131%	\$ 133.15	\$ 136.14	\$ 139.13						
Turn On	68,572	69,008	69,529	0.0003%	\$ 18.81	\$ 18.93	\$ 19.07						
Meter Change (Entered)	12,314	12,318	12,322	0.0068%	\$ 66.14	\$ 66.17	\$ 66.19						
Turn On (Entered)	127,207	136,247	145,287	0.0010%	\$ 96.07	\$ 102.90	\$ 109.73						
Turn On Entered (Gas On)	48,921	52,348	55,774	0.0013%	\$ 49.21	\$ 52.66	\$ 56.11						
Turn On (Back On/Restore)	53,742	56,431	59,120	0.0439%	\$ 1,871.94	\$ 1,965.59	\$ 2,059.25						
Service Order (MSO)	27,696	26,923	26,151	0.0015%	\$ 33.53	\$ 32.60	\$ 31.66						
Turn On (Entered)	3,094	3,085	3,076	0.0193%	\$ 47.30	\$ 47.16	\$ 47.03						
CSO	55,306	55,246	55,186	0.0079%	\$ 344.70	\$ 344.33	\$ 343.96						
CSO Leak	10,088	10,226	10,364	0.0040%	\$ 32.29	\$ 32.74	\$ 33.18						
ISO	21,072	20,473	19,874	0.0023%	\$ 39.03	\$ 37.92	\$ 36.81						
CSO	30,231	28,634	27,038	0.0079%	\$ 189.96	\$ 179.93	\$ 169.89						
Turn On (Entered)	29,834	27,888	25,942	0.0068%	\$ 161.02	\$ 150.52	\$ 140.02						
TOTAL					2014 Forecast	2015 Forecast	2016 Forecast						
					\$ 14,633.57	\$ 15,040.72	\$ 15,825.60						
SCG Non-Seismic Restore Forecast													
GL Account 4330114													
	2009	2010	2011	2012	2013								
Jan	1,963	1,029	2,280	2,707	744								
Feb	1,076	1,330	950	950	1,583								
Mar	4,163	697	570	633	2,153								
Apr	1,346	966	1,678	617	760								
May	2,691	823	1,330	697	792								
Jun	1,202	1,472	760	633	697								
Jul	1,583	744	760	886	507								
Aug	1,076	2,121	855	950	602								
Sep	1,140	4,670	823	760	823								
Oct	1,235	1,646	1,266	760	1,013								
Nov	2,612	1,773	1,583	697	1,013								
Dec	1,013	2,153	1,235	1,140	1,346								
Total	21,100	19,424	14,090	11,430	12,031								

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 10: FERC ACCOUNT 493 RENT FROM GAS PROPERTY

A. Account Description: # 10 Rent from Property Used in Operations

Rent from property used in operations is rent received by SoCalGas from outside parties for use of utility-owned properties.

B. Forecast Methodology

The 2016 forecast is based on the rents received from existing or known lease agreements adjusted for applicable escalations

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Goleta Lease Fees</i>	39	56	60	57	63	55
<i>Aliso Rental for Telecom Sites</i>	146	182	187	203	246	193
<i>Rents for Prop Use - Non-tariff Gas</i>	216	216	193	219	287	226
	401	454	440	479	596	474
Forecast Growth Rate		<u>2014</u>	<u>2015</u>	<u>2016</u>		
<i>Goleta Lease Fees</i>		-4.44%	2.99%	3.23%		
<i>Aliso Rental for Telecom Sites</i>		-11.30%	1.28%	1.36%		
<i>Rents for Prop Use - Non-tariff Gas</i>		10.84%	1.23%	1.55%		
FORECAST = 5 Year Avg x Growth Rate						
<i>Goleta Lease Fees</i>		60	62	64		
<i>Aliso Rental for Telecom Sites</i>		218	221	224		
<i>Rents for Prop Use - Non-tariff Gas</i>		318	322	327		
		597	605	615		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	596
2.	2014 Estimated	597
3.	2015 Estimated	605
4.	2016 Test Year	615

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 10A: FERC ACCOUT 493 REVENUE LEASES

Year 2014-2016 Forecast

Lease #	Acct No.	2014	2015	2016	Notes
1L1	4370233	168,000	168,000	168,000	Flat Rate
116L2	4370233	5,805	5,805	5,805	Flat Rate
0241L3	4370233	7,337	7,630	7,935	Scheduled 4% incr.
246L4	4370233	10	10	10	One-time annual charge
262L1	4370233	6,483	6,743	7,012	Scheduled 4% incr.
326L1	4370233	3,914	4,031	4,152	Scheduled 3% incr.
342L5	4370233	7,462	7,462	7,462	1/2 of SCG Rent
364L1	4370233	75,685	78,712	81,860	Scheduled 4% incr.
484L1	4370233	1,000	1,000	1,000	Flat Rate
551L1	4370233	6,483	6,743	7,012	Scheduled 4% incr.
553L2	4370233	1,250	1,250	1,250	Flat Rate
652L1	4370233	8,412	8,412	8,412	
652L2	4370233	1,000	1,000	1,000	Flat Rate
685L2	4370233	11,453	11,453	11,453	Flat Rate
826L2	4370233	3,000	3,000	3,000	Flat Rate
872L3	4370233	8,326	8,659	9,005	Scheduled 4% incr.
1002L2	4370233	2,500	2,500	2,500	Flat Rate
Subtotal - 4307233	Subtotal	\$318,120	\$322,410	\$326,870	
805L3	4370115	32,765	33,748	34,761	Scheduled 3% incr.
805L4	4370115	27,439	28,399	29,393	Scheduled 3.5% incr.
Subtotal - 4370115	Subtotal	\$60,204	\$62,147	\$64,153	
550L3	4370121	16,449	17,107	17,791	Scheduled 4% incr.
550L11	4370121	41,961	43,220	44,516	Scheduled 3% incr.
550L12	4370121	6,973	7,252	7,542	Scheduled 4% incr.
550L14	4370121	89,948	89,948	89,948	
550L15	4370121	49,368	49,368	49,368	
550L16	4370121	13,490	14,030	14,591	Scheduled 4% incr.
Subtotal - 4370121	Subtotal	\$218,190	\$220,925	\$223,757	
TOTAL REVENUES		\$596,513	\$605,481	\$614,780	

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 11: FERC ACCOUNT 495 SHARED ASSETS

A. Account Description: # 11 Shared Assets

Revenue from shared assets reflects the use of SoCalGas assets, primarily information computer hardware and software, and communication equipment, by San Diego Gas & Electric Company (SDG&E), Sempra Energy Corporate (SECC) and its unregulated affiliates.

B. Forecast Methodology

The forecast of the 2016 charges billed to affiliates reflects the development of a revenue requirement associated with these assets, including depreciation, property taxes, federal and state income taxes and a return on rate base.

	2009	2010	2011	2012	2013	5 YR AVG
<i>Shared Assets Revenue - Gas Distrib</i>	19,468	24,086	30,752	39,466	49,319	32,618
		2014	2015	2016		
Forecast Growth Rate		4.66%	-4.22%	-5.52%		
FORECAST = Previous Year x Growth Rate		51,616	49,528	46,937		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	49,319
2.	2014 Estimated	51,616
3.	2015 Estimated	49,528
4.	2016 Test Year	46,937

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 12: FERC ACCOUNT 495 CRUDE OIL SALES

A. Account Description: # 12 Crude Oil Sales

Crude Oil Sales represents the revenue from the sale of crude oil produced at the Company's Aliso, Honor Rancho, and Playa Del Rey underground storage fields.

B. Forecast Methodology

The oil sales revenue estimate is based on the forecasted price of oil times forecasted volumes. The price forecast is based on a recent NYMEX futures strip for West Texas Intermediate crude oil, adjusted for the historical differentials between the benchmark West Texas Intermediate price and the price received at the various storage fields. The oil volume is based on trending of recent years volumes. Forecast based on 2013 base year.

	2009	2010	2011	2012	2013	5 YR AVG
<i>Honor Rancho Oil Rev</i>	3,928	4,611	7,282	9,219	6,164	6,241
<i>Aliso Shallow Zone</i>	308	269	377	2,415	2,963	1,266
<i>Aliso PEOC</i>	318	335	377	316	362	342
<i>PDR Sesnon Oil Reimb</i>	1,502	2,129	3,634	3,169	2,656	2,618
	6,056	7,344	11,670	15,119	12,145	10,467

	2014	2015	2016
Forecast Growth Rate			
<i>Honor Rancho Oil Rev</i>	-5.94%	-3.33%	-7.98%
<i>Aliso Shallow Zone</i>	7.76%	-3.33%	-8.51%
<i>Aliso PEOC</i>	-17.68%	-2.76%	-2.41%
<i>PDR Sesnon Oil Reimb</i>	-2.11%	-8.51%	-10.14%

FORECAST = 5 Year Avg x Growth Rate

<i>Honor Rancho Oil Rev</i>	5,798	5,611	5,163
<i>Aliso Shallow Zone</i>	3,193	3,090	2,827
<i>Aliso PEOC</i>	298	290	283
<i>PDR Sesnon Oil Reimb</i>	2,600	2,396	2,153
	11,889	11,387	10,426

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	12,145
2.	2014 Estimated	11,889
3.	2015 Estimated	11,387
4.	2016 Test Year	10,426

SCG/Ex. No: SCG-32-R-WP/Witness: Michelle A. Somer

SOUTHERN CALIFORNIA GAS COMPANY					
MISCELLANEOUS REVENUES					
TAB 12A: FERC ACCOUNT 495 CRUDE OIL SALES FORECAST					
		2013	2014	2015	2016
PLAN	Acct. No.	Total	Total	Total	Total
Honor Rancho Oil Revenue \$	4370103	6,163,883	5,798,305	5,611,272	5,162,699
Honor Rancho Oil Volume Bbl.		59,726	61,133	65,095	63,143
Honor Rancho Oil Price \$/Bbl.		103.20	94.85	86.20	81.76
Growth Rate			-0.06	-0.03	-0.08
Aliso Shallow Zone Oil Revenue \$	4370105	2,963,471	3,192,818	3,089,851	2,827,455
Aliso Shallow Zone Oil Volume Bbl.		29,930	36,318	38,945	37,777
Aliso Shallow Zone Oil Price \$/Bbl.		99.01	87.91	79.34	74.85
Growth Rate			0.08	-0.03	-0.08
Aliso PEOC Lifting Fee Revenue \$	4370106	362,339	297,500	290,063	282,811
Aliso PEOC Volume Bbl.		83,105	68,234	66,528	64,865
Aliso PEOC Lifting Fee \$/Bbl.		4.36	4.36	4.36	4.36
Growth Rate			-0.18	-0.03	-0.03
SoCalGas Share of Playa del Rey Oil Revenue	4370112	2,656,330	2,600,329	2,395,590	2,152,593
SoCalGas Share of Playa del Rey Oil Volume Bbl.		27,161	28,371	28,954	27,511
Playa del Rey Oil Price \$/Bbl.		97.80	91.65	82.74	78.25
Growth Rate			-0.02	-0.08	-0.10
Total Oil Misc Revenues		12,146,023	11,888,952	11,386,775	10,425,558

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 13: FERC ACCOUNT 495 STORAGE EMISSION CREDITS

A. Account Description: # 13 Underground Storage Engine Emission Credits

Goleta Storage Emission Credit revenues result from the lease of emission-offset credits at SoCalGas' Goleta natural gas storage facility.

B. Forecast Methodology

The 2016 forecast is based on a continuation of the contractual agreement with Chevron U.S.A. Corporation concerning the Point Arguello Project that was executed on February 5, 1988. The agreement provides for a fixed annual fee paid on a quarterly basis.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Goleta Chevron Emissions Credits</i>	1,023	1,023	1,279	767	1,023	1,023
\$10,000 per ton						
Tons per calendar quarter of Nox	X	25.58				
Subtotal		255,800				
Quarters per year	X	4				
Annual Forecast		1,023				
		<u>2014</u>	<u>2015</u>	<u>2016</u>		
Forecast Growth Rate		0.00%	0.00%	0.00%		
FORECAST = 5 Year Avg x Growth Rate		1,023	1,023	1,023		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	1,023
2.	2014 Estimated	1,023
3.	2015 Estimated	1,023
4.	2016 Test Year	1,023

SOUTHERN CALIFORNIA GAS COMPANY
MISCELLANEOUS REVENUES
TAB 13A: FERC ACCOUNT 406 EMISSION OFFSET LEASE AGREEMENT

Pacific Enterprises
P.O. Box 40043 Terminal Annex
Los Angeles, California 90045

Mr. T. C. Marlan
Mr. D. L. Rudnik
ATL
FRED A. P. Littleworth ONE 2/4/88
SUBJECT: Chevron ROW Offset Lease

Attached is a copy of the executed emission offset lease agreement between PacifiGas and Chevron. The agreement is in two parts, the base agreement entitled Agreement for Use of Nitrogen Oxide Emission Reduction Credits, and a supplementary agreement entitled Lease Price of ROW Emission Reduction Credits. In accordance with company procedure, the originals of the two interrelated agreements have been sent to Virginia Robinson, I. Branch Accountant (the first \$200 thousand payment is due March 6).

Following is a summary of the terms of the Agreement with which translation must be familiar.

1. Introductory Paragraph. The effective date of the Agreement is January 1, 1988.
2. Quantity of ROW Emission Reduction Credits (Paragraph 1.A.2). The quantity of leased ROW offsets is set forth in Paragraph 1 of Schedule A of the Agreement, Eastern county APCD. If the quantity of offsets is revised, the quarterly lease payment will change. Currently, Paragraph 1 of Schedule A specifies that there are 29,126 tons per calendar quarter of ROW offsets.
3. PacifiGas' obligations (Paragraph 1.A.4). PacifiGas must use all reasonable efforts to maintain the continuous operation of the emission control equipment identified in Schedule B. Subject to APCD approval, PacifiGas may substitute the engine and emission control equipment with other engines and emission control equipment which would produce less than the same quantity of ROW emission reduction credits.
4. Chevron's Rights to Additional Offsets (Paragraph 1.A.3). If PacifiGas produces ROW offset credits from the Goleta facility in excess of the amount specified in Schedule A, subject to PacifiGas' prior rights, Chevron

SCHEDULE A

Attached to and made a part of the Agreement for the use of Nitrogen Oxide Emission Reduction Credits effective January 1, 1988, between PacifiGas and Chevron.

1. The quantity of emission reductions is subject to approval or modification by the APCD or other authorized government agency. Pending such approval or modification, the leased emission reductions are as follows: 29,126 tons per calendar quarter of ROW. If and at such time as the APCD or other authorized government agency revises the quantity of ROW emission reductions from the Goleta gas compression engine, this schedule will be revised to incorporate the revised quarterly ROW emission reductions.
2. The following procedures were used to determine available ROW emission reductions:
 - a. Baseline ROW emissions were determined using the average of the three-year period preceding installation of the devices. The three-year period is representative of anticipated future engine operation. Average annual fuel usage at the facility over the period was 106,322 Mscf.
 - b. Based on available historic fuel use data, it was assumed that the gas compression equipment described in Paragraph 1. of Schedule B consumes 75 percent of total fuel used at the Goleta gas storage facility. Therefore, over the

Page 1 of 2

LEASE PRICE OF ROW EMISSION REDUCTION CREDITS

This document shall constitute the supplemental agreement ("supplement") referred to in Paragraph 1.C. (Price) of the Agreement entitled Agreement for Use of Nitrogen Oxide Emission Reduction Credits ("Agreement") made and entered into by and between Southern California Gas Company and Chevron C.R.A. Inc. for and on behalf of Point Arguilla Pipeline Company ("APCD") and Southern Gas Plant Company ("SGP"), effective as of January 1, 1988. Such agreement is incorporated herein by reference and made a part hereof.

TERMS

1. The lease price of the ROW emission reduction credits shall be as provided in subparagraphs (a), (b), and (c) below. The quantity of ROW emission reduction credits is set forth in Schedule A of the Agreement. Payment shall be made on a quarterly basis.
 - (a) From January 1, 1988, through December 31, 1992, the lease price shall be eight thousand seven hundred fifty dollars (\$8,750.00) per ton.
 - (b) From January 1, 1993, through December 31, 1997, the lease price shall be nine thousand two hundred fifty dollars (\$9,250.00) per ton.
 - (c) From January 1, 1998, until termination of the agreement, the lease price shall be ten thousand dollars (\$10,000.00) per ton.
2. Payment for the first calendar quarter shall be made within thirty (30) days of the date of execution of the Agreement and subsequent payments shall be made within thirty (30) days after commencement of subsequent calendar quarters through the life of the Agreement.
3. The final payment shall be prorated based upon the remaining number of days in the calendar quarter. For purposes of the Agreement, it shall be assumed that there are 91.25 days in a calendar quarter.
4. If and at such time as the parties amend Schedule A of the Agreement, revising the quantity of leased ROW emission reduction credits, no adjustment shall be made for lease payments for previous quarters, but lease payments for the following quarter and thereafter shall be based upon the revised quantity of ROW emission reduction credits. Any excess lease

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 14: FERC ACCOUNT 495 RETURNED CHECK CHARGE

A. Account Description: # 14 Returned Check Charge

The returned check charge is \$7.50, which is assessed to customers whose checks are returned from the bank for insufficient funds pursuant to SoCalGas Tariff Schedule/Rule 12.

B. Forecast Methodology

The 2016 estimate is based on a five year historical average (2009-2013).

	2009	2010	2011	2012	2013	5 YR AVG
<i>Returned Check Charges Actual</i>	539	547	521	492	463	512
		2014	2015	2016		
Forecast Growth Rate		0.00%	0.00%	0.00%		
FORECAST = 5 Year Avg x Growth Rate		512	512	512		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	463
2.	2014 Estimated	512
3.	2015 Estimated	512
4.	2016 Test Year	512

SOUTHERN CALIFORNIA GAS COMPANY					
MISCELLANEOUS REVENUES					
TAB 14A: FERC ACCOUNT 495 RETURNED CHECK CHARGE FORECAST					
GL Account 4370006					
	2009	2010	2011	2012	2013
Jan	39,856	39,606	42,288	51,444	39,889
Feb	44,260	45,840	43,682	48,725	40,216
Mar	49,688	52,082	48,422	43,739	42,139
Apr	55,950	51,339	43,962	42,268	42,432
May	44,399	42,239	44,105	42,785	41,130
Jun	51,431	52,919	47,797	39,518	36,240
Jul	47,167	48,988	41,606	38,603	40,539
Aug	45,552	51,452	47,094	40,674	40,193
Sep	43,595	43,794	43,336	34,744	35,480
Oct	52,271	40,149	42,520	40,822	37,970
Nov	23,297	35,427	37,709	34,984	30,224
Dec	41,345	43,151	38,771	33,559	36,587
Total	538,811	546,985	521,292	491,866	463,038
5 year average		512,398			
Forecast Years			2014	2015	2016
Forecast Growth by Year -			0.0%	0.0%	0.0%
	Forecast		512,398	512,398	512,398
<p>Note: Any recorded revenue varies from those provided in original document. The results shown here reflect the balance in the account (net of credits & debits recorded in 4370006)</p>					

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 15: FERC ACCOUNT 495 INCOME TAX COMPONENT OF CONTRIBUTION-IN-AID-OF-CONSTRUCTION

A. Account Description: # 15 Income Tax Component of Contribution-in-Aid-of-Construction (ITCCA)

ITCCA represents the tax gross-up for contributions-in-aid-of-construction (CIAC) which became taxable under the Tax Reform Act of 1986.

B. Forecast Methodology

The 2016 forecast is based on the ongoing amortization of the ITCCA collected from 1987 through 2005 and the amortization of the forecasted ITCCA to be collected from 2006-2008.

	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Amortization of ITCC</i>	2,710	3,177	3,278	4,387	2,983	3,307
Forecast Growth Rate		<u>2014</u>	<u>2015</u>	<u>2016</u>		
FORECAST = 5 Year Avg x Growth Rate		3,049	3,234	3,481		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	2,983
2.	2014 Estimated	3,049
3.	2015 Estimated	3,234
4.	2016 Test Year	3,481

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 16: FERC ACCOUNT 495 TRAINING ACTIVITY

A. Account Description: # 16 Training Activity

SoCalGas receives revenues for providing distribution and customer services field training, particularly welding training, welding re-certification/re-qualifying, to various third party companies/contractors and other utilities involved in such activities.

B. Forecast Methodology

Forecast Methodology for 2014 thru 2016: Use the five year average.

	2009	2010	2011	2012	2013	5 YR AVG
<i>Sundry Trng Labor</i>	62	68	55	146	166	99
<i>Sundry Trng Materials</i>	39	34	43	66	84	53
<i>Oper Qualification Training</i>	2	0	0	0	0	0
	103	102	98	212	250	153

	2014	2015	2016
Forecast Growth Rate	0.00%	0.00%	0.00%

FORECAST = 5 Year Avg x Growth Rate	153	153	153
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C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	250
2.	2014 Estimated	153
3.	2015 Estimated	153
4.	2016 Test Year	153

**SOUTHERN CALIFORNIA GAS COMPANY
MISCELLANEOUS REVENUES
TAB 17: FERC ACCOUNT 495 LINE ITEM BILLING**

A. Account Description: # 17 Line Item Billing

The service is offered to qualified third parties providing energy-related and home safety-related products and/or services to residential and small commercial industrial customers within The Gas Company service territory.

B. Forecast Methodology

The Home Serve 2014 forecast is based on 5 Yr Avg (estimating yr-end 2013 at \$1,004); Assuming decreasing growth rates based on uncertainty of future market potential, sustaining vendor relationship, and limited qualified vendor pool offering kind-for-kind product/service offerings.

Commerce Energy is not marketing to UDC tariffed customers as the SoCalGas G-CBS service does not allow for adequate rate flexibility. Calculation is based on approximate loss of 13% drop off per year.

		2009	2010	2011	2012	2013	5 YR AVG
	<i>Commerce Energy</i>	89	78	46	73	62	70
	<i>Home Serve</i>	128	89	317	635	1,118	457
		217	167	363	708	1,180	527
	Forecast Growth Rate -		2014	2015	2016		
	<i>Commerce Energy</i>		-13%	-13%	-13%		
	<i>Home Serve</i>		34.17%	-50.00%	-77.07%		
	FORECAST = 5 Year Avg x Growth Rate						
	<i>Commerce Energy</i>		54	47	41		
	<i>Home Serve</i>		1,500	750	172		
			1,554	797	213		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	1,180
2.	2014 Estimated	1,554
3.	2015 Estimated	797
4.	2016 Test Year	213

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 18: FERC ACCOUNT 495 FEDERAL ENERGY RETROFIT PROGRAM

A. Account Description: # 18 Federal Energy Retrofit Program (FERP)

Under Executive Order 13132, the U.S. Government is authorized and encouraged to enter into contracts with local utilities to expedite and facilitate the implementation of cost effective energy and water conservation measures. SoCalGas currently performs.

B. Forecast Methodology

The 2016 forecast is based on the expected net revenue from existing contracts with various federal entities and level of financing allowable by the U.S. Government.

1) SoCalGas FERP has historically provided UESC services for both federal government-funded and lender-financed projects. However, post 2013, the Navy indicated they only want to use the UESC contract vehicle for lender-financed projects. FERP has executed only one non-Navy construction contract in the last ten years.

	2009	2010	2011	2012	2013	5 YR AVG
<i>Other Rev Gas - Federal Proj Mgmt - (Gross Revenue)</i>	6,735	5,529	1,813	9,831	8,648	6,511
<i>FERC 495 O&M (Expense)</i>	6,004	5,057	1,846	8,971	7,894	5,954
<i>Profit</i>	731	472	-33	860	753	557
		2014	2015	2016		
Forecast Growth Rate		8.62%	-13.27%	-63.52%		
FORECAST = 5 Year Avg x Growth Rate						
<i>Other Rev Gas - Federal Proj Mgmt - (Gross Revenue)</i>		6,364	5,520	2,013		
<i>FERC 495 O&M (Expense)</i>		5,760	4,995	1,822		
<i>Profit</i>		605	524	191		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	753
2.	2014 Estimated	605
3.	2015 Estimated	524
4.	2016 Test Year	191

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 19: FERC ACCOUNT 495 MISCELLANEOUS OTHER GAS REVENUES

A. Account Description: # 19 Other Revenues

Miscellaneous Other Revenues consist of other items not reflected above, including mapping services, Aliso Canyon property revenue, RECLAIM credits and meter repair revenue.

Difference in Mapping services is strictly representing fees for atlas requests and Will Serve letters. Previous revenues was for license sales which are no longer offered. 10/28/09

B. Forecast Methodology

The 2016 forecast is based on primarily 2013 recorded results. Using a 3 year average for Geographic Services.

	2009	2010	2011	2012	2013	5 YR AVG
<i>Geographic Services - 3-year average</i>	4	4	78	73	80	77
<i>Aliso Crimson</i>	78	62	144	63	51	80
<i>Aliso Termo</i>	37	37	38	43	24	36
<i>Aliso Road Access Fees</i>	24	23	9	2	24	16
	143	126	269	181	179	180

Forecast Growth Rate

	2014	2015	2016
<i>Geographic Services</i>	0.00%	0.00%	0.00%
<i>Aliso Crimson</i>	30.69%	-9.09%	0.00%
<i>Aliso Termo</i>	41.67%	11.76%	0.00%
<i>Aliso Road Access Fees</i>	0.00%	0.00%	0.00%

FORECAST = 5 Year Avg x Growth Rate

<i>Geographic Services</i>	77	77	77
<i>Aliso Crimson</i>	66	60	60
<i>Aliso Termo</i>	34	38	38
<i>Aliso Road Access Fees</i>	24	24	24
	201	199	199

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	179
2.	2014 Estimated	201
3.	2015 Estimated	199
4.	2016 Test Year	199

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 20: FERC ACCOUNT 495 MICROWAVE BANDWIDTH LEASE REVENUE

A. Account Description: # 20 Microwave Bandwidth Lease Revenue

This revenue is for the leasing of excess capacity on the company's microwave network to a third party. This lease has a right to terminate clause if the capacity is needed for internal use by SoCalGas.

B. Forecast Methodology

We do not have any indication of a change to the lease requirements by the leasee and overall telecom costs for this area are static which is why we do not anticipate any change in revenue.

	2009	2010	2011	2012	2013	5 YR AVG
<i>Microwave Bandwidth Lease Revenue</i>	27	27	27	27	27	27
		2014	2015	2016		
Forecast Growth Rate		0.00%	0.00%	0.00%		
FORECAST = 5 Year Avg x Growth Rate		27	27	28		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	27
2.	2014 Estimated	27
3.	2015 Estimated	27
4.	2016 Test Year	28

SOUTHERN CALIFORNIA GAS COMPANY

MISCELLANEOUS REVENUES

TAB 21: FERC ACCOUNT 495 OWNERSHIP CHARGES

A. Account Description: # 21 Ownership Charges

Monthly ownership charges are derived by applying the cost-of-ownership rate to the un-refunded refundable balance as of the 37th month after the ready-to-serve date. The ownership charges will be taken into consideration in deriving the refunds and the forfeitures at the end of the project life pursuant to Rules 20 and 21.

B. Forecast Methodology

The forecast is based on a 3yr average, activity increase due to the economic downturn for years 2011, 2012 and 2013. Forecast numbers represents a decline in years 2014, 2015 and 2016 due to the economic turnaround and expected development growth.

	2009	2010	2011	2012	2013	3 YR AVG
<i>Un-refunded CAC Balance</i>	2,743	5,041	5,418	4,462	4,968	4,950
		2014	2015	2016		
Forecast Growth Rate		-5.73%	-3.44%	-11.77%		
FORECAST = 3 Year Avg x Growth Rate		4,666	4,506	3,976		

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	4,968
2.	2014 Estimated	4,666
3.	2015 Estimated	4,506
4.	2016 Test Year	3,976

**SOUTHERN CALIFORNIA GAS COMPANY
MISCELLANEOUS REVENUES
TAB 22: GAIN ON SALE OF PROPERTY**

A. Account Description: # 22 Gain on Sale of Property

The CPUC approved Advice Letter 4539, authorizing the removal of the amortization of gain on sales of non-depreciable property effective January 1, 2014.

B. Forecast Methodology

Not applicable.

<i>Def Gain on Sale- Nrb</i>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>5 YR AVG</u>
<i>Def gains Disposition</i>	2,972	2,972	2,972	2,972	2,972	2,972

C. Summary of Results

Line	Miscellaneous Revenues	Total (\$000)
1.	2013 Actual	2,972
2.	2014 Estimated (No longer offered)	-
3.	2015 Estimated (No longer offered)	-
4.	2016 Test Year (No longer offered)	-

SOUTHERN CALIFORNIA GAS COMPANY
MISCELLANEOUS REVENUES
TAB 22A: ADVICE LETTER NO. 4539

Advice No. 4539
(U 904 G)

Public Utilities Commission of the State of California

**Subject: Adjustment for Gain-on-Sale Amortization Revenue Requirement
in Rates Effective January 1, 2014**

Southern California Gas Company (SoCalGas) hereby submits for approval by the California Public Utilities Commission (Commission) revisions to its revenue requirement and rates effective January 1, 2014.

Purpose

This Advice Letter removes the amortization of the gain on sales of non-depreciable property revenue requirement in gas transportation rates effective January 1, 2014. As described below, the amortization period ends on December 31, 2013 in accordance with the six-year amortization period adopted in SoCalGas' 2008 General Rate Case (GRC) Decision (D.) 08-07-046.

Background

Pursuant to D.08-07-046, SoCalGas was authorized to refund to ratepayers 100% of previously realized gain-on-sale of non-depreciable property (\$17.8 million) as an amortization to miscellaneous revenues over a six-year GRC cycle. In compliance with D.13-05-010 and as stated in testimony in connection with SoCalGas' 2012 GRC, SoCalGas plans to remove the currently authorized amortization from rates as proposed in the advice letter described herein.¹

Revenue Requirement Impact

SoCalGas plans to adjust its gas transportation rates to remove the gain-on-sale amortization embedded in authorized miscellaneous revenues, thereby increasing gas transportation revenue requirements by \$2.972 million plus franchise fees and uncollectibles (FF&U). This will continue until a new Revenue Requirement is authorized.

¹ As stated in the testimony of SoCalGas Miscellaneous Revenue Witness Todd J. Cahill (Exhibit SCG-32 of SoCalGas GRC Application 10-12-006), an advice letter will be filed prior to December 31, 2013 to

Advice No. 4539 - 2 - September 12, 2013

It should be noted that the revenue requirement herein does not include other revenue requirement adjustments authorized or expected to be authorized by the Commission for implementation in transportation rates effective January 1, 2014. SoCalGas will file an advice letter consolidating all Commission-authorized changes in its revenue requirement, and the related changes to its rates, at least three days prior to the January 1, 2014 effective date of such rates.

Attachment B in this filing shows an Annual Gas Transportation Revenue table summarizing the revenue requirement changes at present and proposed rates.

Revenue Requirement Impact by Class of Service

<u>Class of Service</u>	<u>Applicable Rate Schedules</u>	<u>Net M\$ Increase/(Decrease)</u>
Core	GR, GS, GM, GO-AC, G-NGVR, GL, G-10, G-AC, G-EN, G-NGV	\$ 2.7
Noncore	GT-F, GT-I, GT-TLS	\$ 0.3
TOTAL		\$3.0

Protest

Anyone may protest this advice letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and received within 20 days of the date this advice letter was filed with the Commission which is October 2, 2013. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division (EDTariffUnit@cpuc.ca.gov). A copy of the protest shall also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Sid Newsom
Tariff Manager - GT14D6
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No. (213) 244-4957
E-Mail: snewsom@semptrautilities.com