

Application of Southern California Gas Company
for authority to update its gas revenue requirement
and base rates effective on January 1, 2012.
(U904G)

Application No. 10-12-____
Exhibit No.: (SCG-34-WP)

WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF GREGORY D. SHIMANSKY
ON BEHALF OF SOUTHERN CALIFORNIA GAS COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

DECEMBER 2010



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DECEMBER 2010



SOUTHERN CALIFORNIA GAS COMPANY
DISTRIBUTION INTEGRITY MANAGEMENT PROGRAM BALANCING ACCOUNT (DIMPBA)
Year 2010

(Over) / Under Collection M\$

Line	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	actl	actl	actl	actl	actl	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
1 Beginning Balance	(9,926)	(10,101)	(10,210)	(9,931)	(10,571)	(10,842)	(10,647)	(10,454)	(10,261)	(10,068)	(9,878)	(9,688)	(9,926)
1a Prior Period Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-
1b Adjusted Beginning Balance	(9,926)	(10,101)	(10,210)	(9,931)	(10,571)	(10,842)	(10,647)	(10,454)	(10,261)	(10,068)	(9,878)	(9,688)	(9,926)
2 Authorized Cost	833	833	833	833	833	833	833	833	833	833	833	833	10,000
3 Recorded Cost	659	726	1,113	196	564	1,032	1,032	1,032	1,032	1,032	1,032	1,032	10,483
4 Net activity	(174)	(108)	280	(638)	(270)	199	199	199	199	199	199	199	483
5 Current Month Interest*:	(1)	(1)	(1)	(2)	(2)	(3)	(6)	(6)	(6)	(9)	(9)	(9)	(55)
6 Total Current Month Activity	(176)	(109)	279	(640)	(272)	196	193	193	193	190	190	190	428
7 Ending Balance	(10,101)	(10,210)	(9,931)	(10,571)	(10,842)	(10,647)	(10,454)	(10,261)	(10,068)	(9,878)	(9,688)	(9,498)	(9,498)

** Interest applied to average monthly balance as follows: (((Beg. Bal.+(Beg. Bal.+Current Month Adjustment))/2)*(Int.Rate/12)

Interest Assumption: 0.16% 0.13% 0.15% 0.20% 0.23% 0.33% 0.67% 0.67% 0.67% 1.09% 1.09% 1.09%

SOUTHERN CALIFORNIA GAS COMPANY
DISTRIBUTION INTEGRITY MANAGEMENT PROGRAM BALANCING ACCOUNT (DIMPBA)
Year 2011

(Over) / Under Collection M\$

Line	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
1 Beginning Balance	(9,498)	(8,890)	(8,281)	(7,671)	(7,065)	(6,457)	(5,848)	(5,240)	(4,631)	(4,020)	(3,411)	(2,799)	(9,498)
1a Prior Period Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-
1b Adjusted Beginning Balance	(9,498)	(8,890)	(8,281)	(7,671)	(7,065)	(6,457)	(5,848)	(5,240)	(4,631)	(4,020)	(3,411)	(2,799)	(9,498)
2 Authorized Cost	833	833	833	833	833	833	833	833	833	833	833	833	10,000
3 Recorded Cost	1,453	1,453	1,453	1,453	1,453	1,453	1,453	1,453	1,453	1,453	1,453	1,453	17,438
4 Net activity	620	620	620	620	620	620	620	620	620	620	620	620	7,438
5 Current Month Interest*:	(12)	(11)	(10)	(13)	(12)	(11)	(12)	(11)	(9)	(10)	(8)	(7)	(126)
6 Total Current Month Activity	608	609	610	607	608	609	608	609	611	610	612	613	7,312
7 Ending Balance	(8,890)	(8,281)	(7,671)	(7,065)	(6,457)	(5,848)	(5,240)	(4,631)	(4,020)	(3,411)	(2,799)	(2,186)	(2,186)

** Interest applied to average monthly balance as follows: (((Beg. Bal.+(Beg. Bal.+Current Month Adjustment))/2)*(Int.Rate/12)

Interest Assumption: 1.57% 1.57% 1.57% 2.07% 2.07% 2.07% 2.61% 2.61% 2.61% 3.15% 3.15% 3.15%

SOUTHERN CALIFORNIA GAS COMPANY
RESEARCH DEVELOPMENT & DEMONSTRATION EXPENSE ACCOUNT (RDDEA)
Year 2010
Current Cycle 2008 - 2011
(Over) / Under Collection M\$

Line	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	
	actl	actl	actl	actl	actl	fcst	fcst	fcst	fcst	fcst	fcst	fcst		
1	Beginning Balance	(5,162)	(6,770)	(6,059)	(6,598)	(6,790)	(7,297)	(6,515)	(5,734)	(4,953)	(4,172)	(3,391)	(2,610)	(5,162)
1a	Prior Period Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-
1b	Adj Beginning Balance	(5,162)	(6,770)	(6,059)	(6,598)	(6,790)	(7,297)	(6,515)	(5,734)	(4,953)	(4,172)	(3,391)	(2,610)	(5,162)
2	Authorized Cost	833	833	833	833	833	833	833	833	833	833	833	833	10,000
3	Recorded cost	(773)	1,545	295	642	328	1,617	1,617	1,617	1,617	1,617	1,617	1,617	13,358
4	Total cost	(1,607)	712	(539)	(191)	(505)	784	784	784	784	784	784	784	3,358
5	Amortization	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Total Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Current Month Adjustment	(1,607)	712	(539)	(191)	(505)	784	784	784	784	784	784	784	3,358
8	Current Month Interest**:	(1)	(1)	(1)	(1)	(1)	(2)	(3)	(3)	(3)	(3)	(3)	(2)	(24)
9	Total Current Month Activity	(1,608)	711	(539)	(192)	(506)	782	781	781	781	781	781	782	3,335
10	Ending Balance	(6,770)	(6,059)	(6,598)	(6,790)	(7,297)	(6,515)	(5,734)	(4,953)	(4,172)	(3,391)	(2,610)	(1,828)	(1,828)

** Interest applied to average monthly balance as follows: (((Beg. Bal.+(Beg. Bal.+Current Month Adjustment))/2)*(Int.Rate/12)

Interest Assumption:	0.16%	0.13%	0.15%	0.20%	0.23%	0.33%	0.67%	0.67%	0.67%	1.09%	1.09%	1.09%
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SOUTHERN CALIFORNIA GAS COMPANY
RESEARCH DEVELOPMENT & DEMONSTRATION EXPENSE ACCOUNT (RDDEA)
Year 2011
Current Cycle 2008 - 2011
(Over) / Under Collection M\$

Line		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
		fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
1	Beginning Balance	(1,828)	(1,684)	(1,541)	(1,397)	(1,253)	(1,109)	(965)	(821)	(677)	(533)	(388)	(243)	(1,828)
1a	Prior Period Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-
1b	Adj Beginning Balance	(1,828)	(1,684)	(1,541)	(1,397)	(1,253)	(1,109)	(965)	(821)	(677)	(533)	(388)	(243)	(1,828)
2	Authorized Cost	833	833	833	833	833	833	833	833	833	833	833	833	10,000
3	Recorded cost	979	979	979	979	979	979	979	979	979	979	979	979	11,750
4	Total cost	146	146	146	146	146	146	146	146	146	146	146	146	1,750
5	Amortization	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Total Revenue	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Current Month Adjustment	146	146	146	146	146	146	146	146	146	146	146	146	1,750
8	Current Month Interest**:	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(0)	(20)
9	Total Current Month Activity	144	144	144	144	144	144	144	144	145	145	145	145	1,730
10	Ending Balance	(1,684)	(1,541)	(1,397)	(1,253)	(1,109)	(965)	(821)	(677)	(533)	(388)	(243)	(98)	(98)

** Interest applied to average monthly balance as follows: (((Beg. Bal.+(Beg. Bal.+Current Month Adjustment))/2)*(Int.Rate/12)

Interest Assumption:	1.57%	1.57%	1.57%	2.07%	2.07%	2.07%	2.61%	2.61%	2.61%	3.15%	3.15%	3.15%
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SOUTHERN CALIFORNIA GAS COMPANY
PCB EXPENSE ACCOUNT (PCBEA)
Year 2010

(Over) / Under Collection M\$

SAP account 1150013

Line	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	actl	actl	actl	actl	actl	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
1 Beginning Balance	259	311	373	419	402	445	486	526	566	607	647	688	259
1a Prior Period Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-
1b Adjusted Beginning Balance	259	311	373	419	402	445	486	526	566	607	647	688	259
2 PCB expenses	52	62	46	177	43	40	40	40	40	40	40	40	660
3 Reimbursement revenues				194									194
4 Net activity	52	62	46	(17)	43	40	40	40	40	40	40	40	466
5 Current Month Interest*:	0	0	0	0	0	0	0	0	0	1	1	1	3
6 Total Current Month Activity	52	62	46	(17)	43	40	40	40	40	41	41	41	469
7 Ending Balance	311	373	419	402	445	486	526	566	607	647	688	728	728

** Interest applied to average monthly balance as follows: $((\text{Beg. Bal.} + (\text{Beg. Bal.} + \text{Current Month Adjustment})) / 2) * (\text{Int. Rate} / 12)$

Interest Assumption: 0.16% 0.13% 0.15% 0.20% 0.23% 0.33% 0.67% 0.67% 0.67% 1.09% 1.09% 1.09%

SOUTHERN CALIFORNIA GAS COMPANY
PCB EXPENSE ACCOUNT (PCBEA)
Year 2011

(Over) / Under Collection M\$

SAP account 1150013

Line	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	fcst	
1 Beginning Balance	728	769	810	851	893	935	976	1,018	1,061	1,103	1,146	1,189	728
1a Prior Period Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	-
1b Adjusted Beginning Balance	728	769	810	851	893	935	976	1,018	1,061	1,103	1,146	1,189	728
2 PCB expenses	40	40	40	40	40	40	40	40	40	40	40	40	480
3 Reimbursement revenues													0
4 Net activity	40	40	40	40	40	40	40	40	40	40	40	40	480
5 Current Month Interest*:	1	1	1	2	2	2	2	2	2	3	3	3	24
6 Total Current Month Activity	41	41	41	42	42	42	42	42	42	43	43	43	504
7 Ending Balance	769	810	851	893	935	976	1,018	1,061	1,103	1,146	1,189	1,232	1,232

** Interest applied to average monthly balance as follows: (((Beg. Bal.+(Beg. Bal.+Current Month Adjustment))/2)*(Int.Rate/12)

Interest Assumption:	1.57%	1.57%	1.57%	2.07%	2.07%	2.07%	2.61%	2.61%	2.61%	3.15%	3.15%	3.15%
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