

SOUTHERN CALIFORNIA GAS COMPANY

2013 TCAP

2/22/2013 Update Filing

**Workpapers to the Prepared Written Testimony of
Jason Bonnett**

SOUTHERN CALIFORNIA GAS COMPANY
2013 TCAP

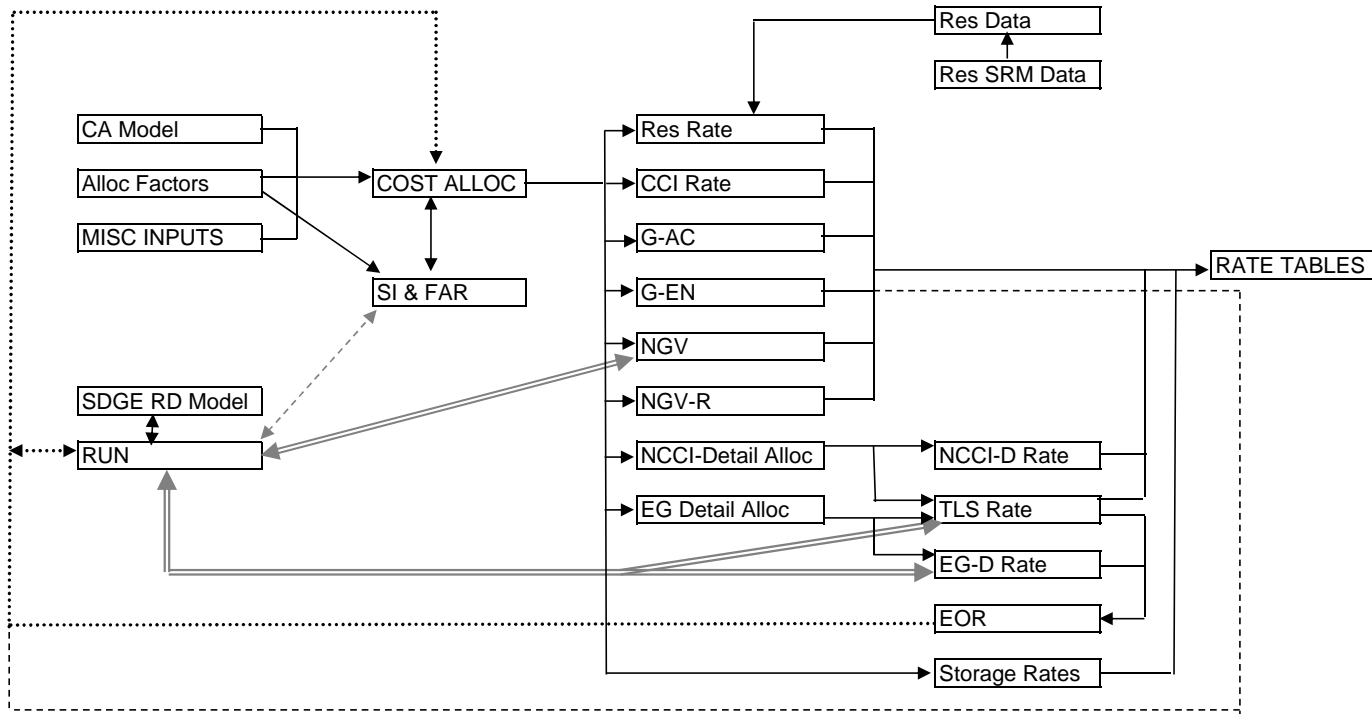
2/22/2013 Update Filing

Section 1
Rate Design Model

Workpapers to the Prepared Written Testimony of
Jason Bonnett

Transportation Rates and Revenues
Southern California Gas Company
2013 TRIENNIAL COST ALLOCATION PROCEEDING

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KEY:

- Data exchanged with SDGE for Sempra Wide NGV, EG-D and TLS rates.
- - - - - Data exchanged with SDGE for System Integration and FAR revenue.
- EOR Revenue & G-EN CAP require an iteration back into Cost Alloc tab.

Each box is a worksheet tab in rate design model

Tabs not shown in flowchart

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- Current Cost Alloc
- Reconcile
- Reg Accts
- Res Bill
- CCI Bill

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	In/Out									
	2012 Current	Update Reg Accts - Final Rates	\$/th Change	% Change	Baseline Rates	% Change	Add New Adjustments		Update Reg Accts - Final Rates	
INPUT:										
Bal Acct: 1=current 2012; 2=Updated TCAP Forecast		2			1		1		2	
Update BTBA (-\$9,890=current; \$17,714=TCAP Update)		\$17,714			(\$9,890)		(\$9,890)		\$17,714	
TCAP Adjustments (0=none, 1=2013, 2-7=phaseout)		1			0		1		1	

RESULT:

SCG:										
Res \$/th	\$0.544	\$0.56009	\$0.016	3%	\$0.56784	\$0.024	\$0.56778	(\$0.000)	\$0.56009	(\$0.008)
Res Bill \$/mo	\$38.82	\$39.18	\$0.36	1%	\$39.47	\$0.66	\$39.47	(\$0.00)	\$39.18	(\$0.29)
CCI CA \$/th	\$0.299	\$0.235	(\$0.064)	-21%	\$0.242	(\$0.057)	\$0.243	\$0.001	\$0.235	(\$0.009)
Tier 1 \$/th	\$0.494	\$0.397	(\$0.097)	-20%	\$0.400	(\$0.094)	\$0.403	\$0.003	\$0.397	(\$0.006)
Tier 2 \$/th	\$0.249	\$0.189	(\$0.060)	-24%	\$0.194	(\$0.055)	\$0.195	\$0.001	\$0.189	(\$0.006)
Tier 3 \$/th	\$0.085	\$0.049	(\$0.036)	-42%	\$0.055	(\$0.029)	\$0.056	\$0.000	\$0.049	(\$0.007)
Gas A/C	\$0.067	\$0.068	\$0.001	2%	\$0.079	\$0.012	\$0.074	(\$0.006)	\$0.068	(\$0.006)
Gas Engine	\$0.088	\$0.091	\$0.003	3%	\$0.122	\$0.033	\$0.097	(\$0.024)	\$0.091	(\$0.006)
NGV CA	\$0.069	\$0.064	(\$0.005)	-7%	\$0.069	(\$0.000)	\$0.069	(\$0.000)	\$0.064	(\$0.005)
NGV Uncompressed pre-SW \$/th	\$0.061	\$0.053	(\$0.007)	-12%	\$0.059	(\$0.002)	\$0.059	(\$0.000)	\$0.053	(\$0.006)
NGV Uncompressed post-SW \$/th	\$0.057	\$0.054	(\$0.002)	-4%	\$0.059	\$0.002	\$0.059	(\$0.000)	\$0.054	(\$0.005)
NGV Compression Adder\$/th	\$0.918	\$0.953	\$0.035	4%	\$0.953	\$0.035	\$0.953	\$0.000	\$0.953	\$0.000
Core Class Average \$/th	\$0.460	\$0.449	(\$0.011)	-2%	\$0.457	(\$0.003)	\$0.457	\$0.000	\$0.449	(\$0.008)
NCCI-D CA \$/th	\$0.068	\$0.051	(\$0.017)	-25%	\$0.053	(\$0.015)	\$0.053	\$0.000	\$0.051	(\$0.002)
Tier 1 \$/th	\$0.147	\$0.119	(\$0.028)	-19%	\$0.122	(\$0.025)	\$0.122	\$0.000	\$0.119	(\$0.004)
Tier 2 \$/th	\$0.089	\$0.070	(\$0.019)	-21%	\$0.073	(\$0.016)	\$0.073	\$0.000	\$0.070	(\$0.003)
Tier 3 \$/th	\$0.051	\$0.040	(\$0.012)	-23%	\$0.041	(\$0.010)	\$0.041	\$0.000	\$0.040	(\$0.002)
Tier 4 \$/th	\$0.030	\$0.018	(\$0.013)	-42%	\$0.019	(\$0.011)	\$0.019	\$0.000	\$0.018	(\$0.001)
EG-D CA	\$0.030	\$0.032	\$0.003	9%	\$0.042	\$0.012	\$0.031	(\$0.011)	\$0.032	\$0.001
EG-D Tier 1 pre-SW \$/th	\$0.057	\$0.065	\$0.008	15%	\$0.113	\$0.056	\$0.068	(\$0.045)	\$0.065	(\$0.003)
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.069	\$0.014	26%	\$0.099	\$0.045	\$0.060	(\$0.039)	\$0.069	\$0.009
EG-D Tier 2 pre-SW \$/th	\$0.024	\$0.028	\$0.004	18%	\$0.033	\$0.009	\$0.030	(\$0.003)	\$0.028	(\$0.002)
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.026	\$0.002	9%	\$0.033	\$0.009	\$0.027	(\$0.006)	\$0.026	(\$0.000)
TLS CA \$/th	\$0.017	\$0.013	(\$0.005)	-27%	\$0.011	(\$0.006)	\$0.012	\$0.001	\$0.013	\$0.000
CSITMA/EFBA Exempt										
RS - Res \$/th	\$0.008	\$0.005	(\$0.003)	-35%	\$0.005	(\$0.004)	\$0.005	\$0.001	\$0.005	\$0.000
RS - Usage \$/th	\$0.005	\$0.005	\$0.000	10%	\$0.004	(\$0.001)	\$0.004	\$0.000	\$0.005	\$0.001
CA Rate	\$0.017	\$0.012	(\$0.005)	-27%	\$0.011	(\$0.006)	\$0.012	\$0.001	\$0.012	\$0.000

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Total Rate Change \$/th	2013	% Change	2014	% Change	2015	% Change	2016	% Change	2017
INPUT:										
Bal Acct: 1=current 2012; 2=Updated TCAP Forecast		1		1		1		1		1
Update BTBA (-\$9,890=current; \$17,714=TCAP Update)		(\$9,890)		(\$9,890)		(\$9,890)		(\$9,890)		(\$9,890)
TCAP Adjustments (0=none, 1=2013, 2-7=phaseout)		1		2		3		4		5

RESULT:										
SCG:										
Res \$/th	\$0.016	\$0.56778	4%	\$0.56772	0%	\$0.56765	0%	\$0.56790	0%	\$0.56787
Res Bill \$/mo	\$0.36	\$39.47	2%	\$39.47	0%	\$39.47	0%	\$39.48	0%	\$39.48
CCI CA \$/th	(\$0.064)	\$0.243	-19%	\$0.243	0%	\$0.243	0%	\$0.242	0%	\$0.242
Tier 1 \$/th	(\$0.097)	\$0.403	-18%	\$0.402	0%	\$0.402	0%	\$0.400	0%	\$0.400
Tier 2 \$/th	(\$0.060)	\$0.195	-22%	\$0.195	0%	\$0.195	0%	\$0.194	0%	\$0.194
Tier 3 \$/th	(\$0.036)	\$0.056	-34%	\$0.056	0%	\$0.056	0%	\$0.055	0%	\$0.055
Gas A/C	\$0.001	\$0.074	10%	\$0.079	8%	\$0.079	0%	\$0.079	0%	\$0.079
Gas Engine	\$0.003	\$0.097	10%	\$0.107	10%	\$0.117	10%	\$0.122	4%	\$0.122
NGV CA	(\$0.005)	\$0.069	0%	\$0.069	0%	\$0.069	0%	\$0.069	0%	\$0.069
NGV Uncompressed pre-SW \$/th	(\$0.007)	\$0.059	-3%	\$0.059	0%	\$0.059	0%	\$0.059	0%	\$0.059
NGV Uncompressed post-SW \$/th	(\$0.002)	\$0.059	4%	\$0.059	0%	\$0.059	0%	\$0.059	0%	\$0.059
NGV Compression Adder\$/th	\$0.035	\$0.953	4%	\$0.953	0%	\$0.953	0%	\$0.953	0%	\$0.953
Core Class Average \$/th	(\$0.011)	\$0.457	-1%	\$0.457	0%	\$0.457	0%	\$0.457	0%	\$0.457
NCCI-D CA \$/th	(\$0.017)	\$0.053	-22%	\$0.053	0%	\$0.053	0%	\$0.053	0%	\$0.053
Tier 1 \$/th	(\$0.028)	\$0.122	-17%	\$0.122	0%	\$0.122	0%	\$0.122	0%	\$0.122
Tier 2 \$/th	(\$0.019)	\$0.073	-18%	\$0.073	0%	\$0.073	0%	\$0.073	0%	\$0.073
Tier 3 \$/th	(\$0.012)	\$0.041	-19%	\$0.041	0%	\$0.041	0%	\$0.041	0%	\$0.041
Tier 4 \$/th	(\$0.013)	\$0.019	-38%	\$0.019	0%	\$0.019	0%	\$0.019	0%	\$0.019
EG-D CA	\$0.003	\$0.031	6%	\$0.034	8%	\$0.036	8%	\$0.039	8%	\$0.040
EG-D Tier 1 pre-SW \$/th	\$0.008	\$0.068	19%	\$0.076	11%	\$0.084	10%	\$0.093	11%	\$0.102
EG-D Tier 1 post-SW \$/th	\$0.014	\$0.060	10%	\$0.066	10%	\$0.073	10%	\$0.080	10%	\$0.088
EG-D Tier 2 pre-SW \$/th	\$0.004	\$0.030	25%	\$0.031	4%	\$0.032	4%	\$0.033	3%	\$0.033
EG-D Tier 2 post-SW \$/th	\$0.002	\$0.027	10%	\$0.029	8%	\$0.031	7%	\$0.033	7%	\$0.033
TLS CA \$/th	(\$0.005)	\$0.012	-29%	\$0.012	-2%	\$0.012	-2%	\$0.011	-2%	\$0.011
CSITMA/EFBA Exempt										
RS - Res \$/th	(\$0.003)	\$0.005	-35%	\$0.005	-3%	\$0.005	-3%	\$0.005	-3%	\$0.005
RS - Usage \$/th	\$0.000	\$0.004	-11%	\$0.004	-1%	\$0.004	-1%	\$0.004	-1%	\$0.004
CA Rate	(\$0.005)	\$0.012	-29%	\$0.012	-2%	\$0.012	-2%	\$0.011	-2%	\$0.011

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	% Change	2018	% Change	2019	% Change
INPUT:					
Bal Acct: 1=current 2012; 2=Updated TCAP Forecast		1		1	
Update BTBA (-\$9,890=current; \$17,714=TCAP Update)		(\$9,890)		(\$9,890)	
TCAP Adjustments (0=none, 1=2013, 2-7=phaseout)		6		7	
RESULT:					
SCG:					
Res \$/th	0%	\$0.56784	0%	\$0.56784	0%
Res Bill \$/mo	0%	\$39.47	0%	\$39.47	0%
CCI CA \$/th	0%	\$0.242	0%	\$0.242	0%
Tier 1 \$/th	0%	\$0.400	0%	\$0.400	0%
Tier 2 \$/th	0%	\$0.194	0%	\$0.194	0%
Tier 3 \$/th	0%	\$0.055	0%	\$0.055	0%
Gas A/C	0%	\$0.079	0%	\$0.079	0%
Gas Engine	0%	\$0.122	0%	\$0.122	0%
NGV CA	0%	\$0.069	0%	\$0.069	0%
NGV Uncompressed pre-SW \$/th	0%	\$0.059	0%	\$0.059	0%
NGV Uncompressed post-SW \$/th	0%	\$0.059	0%	\$0.059	0%
NGV Compression Adder\$/th	0%	\$0.953	0%	\$0.953	0%
Core Class Average \$/th	0%	\$0.457	0%	\$0.457	0%
NCCI-D CA \$/th	0%	\$0.053	0%	\$0.053	0%
Tier 1 \$/th	0%	\$0.122	0%	\$0.122	0%
Tier 2 \$/th	0%	\$0.073	0%	\$0.073	0%
Tier 3 \$/th	0%	\$0.041	0%	\$0.041	0%
Tier 4 \$/th	0%	\$0.019	0%	\$0.019	0%
EG-D CA	3%	\$0.042	3%	\$0.042	1%
EG-D Tier 1 pre-SW \$/th	11%	\$0.113	10%	\$0.113	0%
EG-D Tier 1 post-SW \$/th	10%	\$0.097	10%	\$0.099	2%
EG-D Tier 2 pre-SW \$/th	0%	\$0.033	0%	\$0.033	0%
EG-D Tier 2 post-SW \$/th	0%	\$0.033	0%	\$0.033	0%
TLS CA \$/th	-1%	\$0.011	-1%	\$0.011	0%
CSITMA/EFBA Exempt					
RS - Res \$/th	-1%	\$0.005	-2%	\$0.005	0%
RS - Useage \$/th	0%	\$0.004	0%	\$0.004	0%
CA Rate	-1%	\$0.011	-1%	\$0.011	0%

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	In/Out									
	2012 Current	Update Reg Accts - Final Rates	\$/th Change	% Change	Baseline Rates	% Change	Add New Adjustments		Update Reg Accts - Final Rates	
RS - Res \$/th	\$0.008	\$0.005	(\$0.003)	-35%	\$0.005	(\$0.004)	\$0.005	\$0.001	\$0.005	\$0.000
RS - Useage \$/th	\$0.005	\$0.006	\$0.001	11%	\$0.005	(\$0.001)	\$0.005	\$0.000	\$0.006	\$0.001
CA Rate	\$0.018	\$0.013	(\$0.005)	-26%	\$0.012	(\$0.006)	\$0.013	\$0.001	\$0.013	\$0.000
NonCore Retail \$/th	\$0.030	\$0.021	(\$0.009)	-29%	\$0.021	(\$0.009)	\$0.021	\$0.000	\$0.021	(\$0.000)
NonCore \$/th	\$0.025	\$0.018	(\$0.007)	-27%	\$0.018	(\$0.007)	\$0.019	\$0.000	\$0.018	(\$0.000)
UBS \$1,000/yr	\$27,530	\$26,476	(\$1,055)	-4%	\$26,476	(\$1,055)	\$26,476	\$0	\$26,476	\$0
SAR w/o BTS \$/th	\$0.193	\$0.182	(\$0.011)	-6%	\$0.185	(\$0.008)	\$0.185	\$0.000	\$0.182	(\$0.003)
BTS w/BTBA \$/dth/d	\$0.110	\$0.152	\$0.042	38%	\$0.126	\$0.016	\$0.126	\$0.000	\$0.152	\$0.026
BTS w/o BTBA \$/dth/d	\$0.119	\$0.136	\$0.016	14%	\$0.136	\$0.016	\$0.136	\$0.000	\$0.136	\$0.000
BTS Adder - Direct Service (CSITMA/EFBA exempt) \$/th	\$0.000	\$0.008	\$0.008	#DIV/0!	\$0.007	\$0.007	\$0.008	\$0.001	\$0.008	\$0.000
SAR w/ BTS \$/th	\$0.206	\$0.199	(\$0.007)	-4%	\$0.199	(\$0.007)	\$0.199	\$0.000	\$0.199	(\$0.000)
SDGE:										
Res \$/th	\$0.592	\$0.67036	\$0.078	13%	\$0.67452	\$0.082	\$0.64876	(\$0.026)	\$0.67036	\$0.022
Customer Charge \$/month	\$0.00	\$5.00	\$5.00	#DIV/0!	\$5.00	\$5.000	\$5.00	\$0.00	\$5.00	\$0.00
BL \$/th	\$0.554	\$0.42891	(\$0.126)	-23%	\$0.435	(\$0.119)	\$0.410	(\$0.026)	\$0.42891	\$0.019
NBL \$/th	\$0.699	\$0.68891	(\$0.010)	-1%	\$0.695	(\$0.004)	\$0.670	(\$0.026)	\$0.68891	\$0.019
Res Bill \$/mo	\$35.70	\$36.99	\$1.29	4%	\$37.11	\$1.409	\$36.26	(\$0.85)	\$36.99	\$0.73
CCI CA \$/th	\$0.191	\$0.193	\$0.001	1%	\$0.135	(\$0.056)	\$0.179	\$0.043	\$0.193	\$0.014
Tier 1 \$/th	\$0.245	\$0.248	\$0.003	1%	\$0.168	(\$0.076)	\$0.233	\$0.064	\$0.248	\$0.015
Tier 2 \$/th	\$0.113	\$0.116	\$0.003	3%	\$0.076	(\$0.038)	\$0.103	\$0.028	\$0.116	\$0.013
Tier 3 \$/th	\$0.076	\$0.079	\$0.003	4%	\$0.049	(\$0.027)	\$0.067	\$0.017	\$0.079	\$0.012
NGV CA	\$0.066	\$0.073	\$0.007	10%	\$0.075	\$0.009	\$0.075	(\$0.000)	\$0.073	(\$0.002)
NGV Uncompressed - pre-SW \$/th	\$0.019	\$0.057	\$0.039	206%	\$0.048	\$0.029	\$0.048	\$0.000	\$0.057	\$0.009
NGV Uncompressed post-SW \$/th	\$0.058	\$0.058	\$0.000	1%	\$0.060	\$0.002	\$0.060	(\$0.000)	\$0.058	(\$0.002)
NGV Compression Adder\$/th	\$0.923	\$0.959	\$0.035	4%	\$0.959	\$0.035	\$0.959	\$0.000	\$0.959	\$0.000
Core \$/th	\$0.449	\$0.483	\$0.034	8%	\$0.465	\$0.016	\$0.465	\$0.000	\$0.483	\$0.018
NCCI-D \$/th	\$0.122	\$0.173	\$0.052	42%	\$0.091	(\$0.030)	\$0.091	\$0.000	\$0.173	\$0.082
EG-D CA \$/th	\$0.029	\$0.035	\$0.006	21%	\$0.046	\$0.017	\$0.034	(\$0.013)	\$0.035	\$0.002
EG-D Tier 1 pre-SW \$/th	\$0.050	\$0.078	\$0.028	57%	\$0.069	\$0.019	\$0.043	(\$0.026)	\$0.078	\$0.035
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.070	\$0.015	26%	\$0.100	\$0.045	\$0.061	(\$0.039)	\$0.070	\$0.009
EG-D Tier 2 pre-SW \$/th	\$0.025	\$0.020	(\$0.005)	-18%	\$0.031	\$0.006	\$0.014	(\$0.017)	\$0.020	\$0.006
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.026	\$0.002	9%	\$0.033	\$0.009	\$0.027	(\$0.006)	\$0.026	(\$0.000)
NonCore Retail \$/th	\$0.026	\$0.023	(\$0.002)	-9%	\$0.020	(\$0.006)	\$0.019	(\$0.001)	\$0.023	\$0.004
TLS CA \$/th	\$0.017	\$0.013	(\$0.005)	-27%	\$0.011	(\$0.006)	\$0.012	\$0.001	\$0.013	\$0.000
CSITMA/EFBA Exempt										
RS - Res \$/th	\$0.008	\$0.005	(\$0.003)	-35%	\$0.005	(\$0.004)	\$0.005	\$0.001	\$0.005	\$0.000
RS - Useage \$/th	\$0.005	\$0.005	\$0.000	10%	\$0.004	(\$0.001)	\$0.004	\$0.000	\$0.005	\$0.001
CA Rate	\$0.017	\$0.013	(\$0.005)	-27%	\$0.011	(\$0.006)	\$0.012	\$0.001	\$0.013	\$0.000

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Total Rate Change \$/th	2013	% Change	2014	% Change	2015	% Change	2016	% Change	2017
RS - Res \$/th	(\$0.003)	\$0.005	-35%	\$0.005	-3%	\$0.005	-3%	\$0.005	-3%	\$0.005
RS - Useage \$/th	\$0.001	\$0.005	-10%	\$0.005	-1%	\$0.005	-1%	\$0.005	-1%	\$0.005
CA Rate	(\$0.005)	\$0.013	-28%	\$0.013	-2%	\$0.012	-2%	\$0.012	-2%	\$0.012
NonCore Retail \$/th	(\$0.009)	\$0.021	-29%	\$0.021	0%	\$0.021	0%	\$0.021	0%	\$0.021
NonCore \$/th	(\$0.007)	\$0.019	-26%	\$0.019	0%	\$0.018	0%	\$0.018	0%	\$0.018
UBS \$1,000/yr	(\$1,055)	\$26,476	-4%	\$26,476	0%	\$26,476	0%	\$26,476	0%	\$26,476
SAR w/o BTS \$/th	(\$0.011)	\$0.185	-4%	\$0.185	0%	\$0.185	0%	\$0.185	0%	\$0.185
BTS w/BTBA \$/dth/d	\$0.042	\$0.126	15%	\$0.126	0%	\$0.126	0%	\$0.126	0%	\$0.126
BTS w/o BTBA \$/dth/d	\$0.016	\$0.136	14%	\$0.136	0%	\$0.136	0%	\$0.136	0%	\$0.136
BTS Adder - Direct Service (CSITMA/EFBA exempt) \$/th	\$0.008	\$0.008	#DIV/0!	\$0.008	-3%	\$0.007	-3%	\$0.007	-4%	\$0.007
SAR w/ BTS \$/th	(\$0.007)	\$0.199	-3%	\$0.199	0%	\$0.199	0%	\$0.199	0%	\$0.199
SDGE:										
Res \$/th	\$0.078	\$0.64876	10%	\$0.67453	4%	\$0.67453	0%	\$0.67452	0%	\$0.67452
Customer Charge \$/month	\$5.000	\$5.00	#DIV/0!	\$5.00	0%	\$5.00	0%	\$5.00	0%	\$5.00
BL \$/th	(\$0.126)	\$0.410	-26%	\$0.435	6%	\$0.435	0%	\$0.435	0%	\$0.435
NBL \$/th	(\$0.010)	\$0.670	-4%	\$0.695	4%	\$0.695	0%	\$0.695	0%	\$0.695
Res Bill \$/mo	\$1.29	\$36.26	2%	\$37.11	2%	\$37.11	0%	\$37.11	0%	\$37.11
CCI CA \$/th	\$0.001	\$0.179	-7%	\$0.135	-24%	\$0.135	0%	\$0.135	0%	\$0.135
Tier 1 \$/th	\$0.003	\$0.233	-5%	\$0.168	-28%	\$0.168	0%	\$0.168	0%	\$0.168
Tier 2 \$/th	\$0.003	\$0.103	-9%	\$0.076	-27%	\$0.076	0%	\$0.076	0%	\$0.076
Tier 3 \$/th	\$0.003	\$0.067	-12%	\$0.049	-26%	\$0.049	0%	\$0.049	0%	\$0.049
NGV CA	\$0.007	\$0.075	13%	\$0.075	0%	\$0.075	0%	\$0.075	0%	\$0.075
NGV Uncompressed - pre-SW \$/th	\$0.039	\$0.048	157%	\$0.048	0%	\$0.048	0%	\$0.048	0%	\$0.048
NGV Uncompressed post-SW \$/th	\$0.000	\$0.060	4%	\$0.060	0%	\$0.060	0%	\$0.060	0%	\$0.060
NGV Compression Adder\$/th	\$0.035	\$0.959	4%	\$0.959	0%	\$0.959	0%	\$0.959	0%	\$0.959
Core \$/th	\$0.034	\$0.465	4%	\$0.465	0%	\$0.465	0%	\$0.465	0%	\$0.465
NCCI-D \$/th	\$0.052	\$0.091	-25%	\$0.091	0%	\$0.091	0%	\$0.091	0%	\$0.091
EG-D CA \$/th	\$0.006	\$0.034	15%	\$0.036	9%	\$0.039	8%	\$0.042	8%	\$0.044
EG-D Tier 1 pre-SW \$/th	\$0.028	\$0.043	-13%	\$0.045	5%	\$0.048	7%	\$0.052	7%	\$0.057
EG-D Tier 1 post-SW \$/th	\$0.015	\$0.061	10%	\$0.067	10%	\$0.073	10%	\$0.080	10%	\$0.089
EG-D Tier 2 pre-SW \$/th	(\$0.005)	\$0.014	-41%	\$0.020	38%	\$0.025	28%	\$0.031	22%	\$0.031
EG-D Tier 2 post-SW \$/th	\$0.002	\$0.027	10%	\$0.029	8%	\$0.031	7%	\$0.033	7%	\$0.033
NonCore Retail \$/th	(\$0.002)	\$0.019	-26%	\$0.019	1%	\$0.019	1%	\$0.019	1%	\$0.019
TLS CA \$/th	(\$0.005)	\$0.012	-29%	\$0.012	-2%	\$0.012	-2%	\$0.011	-2%	\$0.011
CSITMA/EFBA Exempt										
RS - Res \$/th	(\$0.003)	\$0.005	-35%	\$0.005	-3%	\$0.005	-3%	\$0.005	-3%	\$0.005
RS - Useage \$/th	\$0.000	\$0.004	-11%	\$0.004	-1%	\$0.004	-1%	\$0.004	-1%	\$0.004
CA Rate	(\$0.005)	\$0.012	-29%	\$0.012	-2%	\$0.012	-2%	\$0.011	-2%	\$0.011

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	% Change	2018	% Change	2019	% Change
RS - Res \$/th	-1%	\$0.005	-2%	\$0.005	0%
RS - Useage \$/th	0%	\$0.005	0%	\$0.005	0%
CA Rate	-1%	\$0.012	-1%	\$0.012	0%
NonCore Retail \$/th	0%	\$0.021	0%	\$0.021	0%
NonCore \$/th	0%	\$0.018	0%	\$0.018	0%
UBS \$1,000/yr	0%	\$26,476	0%	\$26,476	0%
SAR w/o BTS \$/th	0%	\$0.185	0%	\$0.185	0%
BTS w/BTBA \$/dth/d	0%	\$0.126	0%	\$0.126	0%
BTS w/o BTBA \$/dth/d	0%	\$0.136	0%	\$0.136	0%
BTS Adder - Direct Service (CSITMA/EFBA exempt) \$/th	-2%	\$0.007	-2%	\$0.007	0%
SAR w/ BTS \$/th	0%	\$0.199	0%	\$0.199	0%
SDGE:					
Res \$/th	0%	\$0.67452	0%	\$0.67452	0%
Customer Charge \$/month	0%	\$5.00	0%	\$5.00	0%
BL \$/th	0%	\$0.435	0%	\$0.435	0%
NBL \$/th	0%	\$0.695	0%	\$0.695	0%
Res Bill \$/mo	0%	\$37.11	0%	\$37.11	0%
CCI CA \$/th	0%	\$0.135	0%	\$0.135	0%
Tier 1 \$/th	0%	\$0.168	0%	\$0.168	0%
Tier 2 \$/th	0%	\$0.076	0%	\$0.076	0%
Tier 3 \$/th	0%	\$0.049	0%	\$0.049	0%
NGV CA	0%	\$0.075	0%	\$0.075	0%
NGV Uncompressed - pre-SW \$/th	0%	\$0.048	0%	\$0.048	0%
NGV Uncompressed post-SW \$/th	0%	\$0.060	0%	\$0.060	0%
NGV Compression Adder\$/th	0%	\$0.959	0%	\$0.959	0%
Core \$/th	0%	\$0.465	0%	\$0.465	0%
NCCI-D \$/th	0%	\$0.091	0%	\$0.091	0%
EG-D CA \$/th	4%	\$0.046	4%	\$0.046	1%
EG-D Tier 1 pre-SW \$/th	9%	\$0.063	11%	\$0.069	10%
EG-D Tier 1 post-SW \$/th	10%	\$0.098	10%	\$0.100	2%
EG-D Tier 2 pre-SW \$/th	0%	\$0.031	0%	\$0.031	0%
EG-D Tier 2 post-SW \$/th	0%	\$0.033	0%	\$0.033	0%
NonCore Retail \$/th	1%	\$0.020	1%	\$0.020	0%
TLS CA \$/th	-1%	\$0.011	-1%	\$0.011	0%
CSITMA/EFBA Exempt					
RS - Res \$/th	-1%	\$0.005	-2%	\$0.005	0%
RS - Useage \$/th	0%	\$0.004	0%	\$0.004	0%
CA Rate	-1%	\$0.012	-1%	\$0.012	0%

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	In/Out									
	2012 Current	Update Reg Accts - Final Rates	\$/th Change	% Change	Baseline Rates	% Change	Add New Adjustments		Update Reg Accts - Final Rates	
CSITMA/EFBA NON-Exempt										
RS - Res \$/th	\$0.008	\$0.005	(\$0.003)	-35%	\$0.005	(\$0.004)	\$0.005	\$0.001	\$0.005	\$0.000
RS - Useage \$/th	\$0.006	\$0.010	\$0.003	51%	\$0.006	(\$0.001)	\$0.006	\$0.000	\$0.010	\$0.004
CA Rate	\$0.019	\$0.017	(\$0.002)	-11%	\$0.013	(\$0.006)	\$0.014	\$0.001	\$0.017	\$0.003
SAR \$/th	\$0.200	\$0.213	\$0.013	7%	\$0.203	\$0.004	\$0.203	(\$0.000)	\$0.213	\$0.010

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Total Rate Change \$/th		2013	% Change	2014	% Change	2015	% Change	2016	% Change	2017
CSITMA/EFBA NON-Exempt											
RS - Res \$/th	(\$0.003)		\$0.005	-35%	\$0.005	-3%	\$0.005	-3%	\$0.005	-3%	\$0.005
RS - Useage \$/th	\$0.003		\$0.006	-9%	\$0.006	-1%	\$0.006	-1%	\$0.006	-1%	\$0.006
CA Rate	(\$0.002)		\$0.014	-27%	\$0.013	-2%	\$0.013	-2%	\$0.013	-2%	\$0.013
SAR \$/th	\$0.013		\$0.203	2%	\$0.203	0%	\$0.203	0%	\$0.203	0%	\$0.203

SCG/SDGE 2013TCAP RATE SUMMARY
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	% Change	2018	% Change	2019	% Change
CSITMA/EFBA NON-Exempt					
RS - Res \$/th	-1%	\$0.005	-2%	\$0.005	0%
RS - Useage \$/th	0%	\$0.006	0%	\$0.006	0%
CA Rate	-1%	\$0.013	-1%	\$0.013	0%
SAR \$/th	0%	\$0.203	0%	\$0.203	0%

TABLE 1
Natural Gas Transportation Rates
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12	Average	Jan-1-12	Jan-1-13	Proposed	Jan-1-13	Revenue	Rate	% Rate	
	Volumes Mth A	Rate \$/therm B	Revenues \$000's C	Volumes Mth D	Rate \$/therm E	Revenues \$000's F	Change \$000's G	Change \$/therm H	change % I	
1	CORE									
2	Residential	2,483,989	\$0.54427	\$1,351,948	2,483,053	\$0.56009	\$1,390,745	\$38,796	\$0.01583	2.9%
3	Commercial & Industrial	970,519	\$0.29905	\$290,234	1,013,177	\$0.23482	\$237,918	(\$52,316)	(\$0.06423)	-21.5%
4										
5	NGV - Pre SempraWide	117,231	\$0.07389	\$8,662	131,912	\$0.06355	\$8,384	(\$278)	(\$0.01033)	-14.0%
6	SempraWide Adjustment	117,231	(\$0.00503)	(\$590)	131,912	\$0.00048	\$63	\$653	\$0.00551	-109.5%
7	NGV - Post SempraWide	117,231	\$0.06886	\$8,072	131,912	\$0.06403	\$8,446	\$374	(\$0.00483)	-7.0%
8										
9	Gas A/C	1,210	\$0.06682	\$81	575	\$0.06793	\$39	(\$42)	\$0.00111	1.7%
10	Gas Engine	18,080	\$0.08848	\$1,600	17,984	\$0.09148	\$1,645	\$45	\$0.00300	3.4%
11	Total Core	3,591,030	\$0.46002	\$1,651,935	3,646,701	\$0.44939	\$1,638,794	(\$13,142)	(\$0.01063)	-2.3%
12										
13	NONCORE COMMERCIAL & INDUSTRIAL									
14	Distribution Level Service	982,465	\$0.06810	\$66,902	870,957	\$0.05130	\$44,684	(\$22,217)	(\$0.01679)	-24.7%
15	Transmission Level Service (2)	457,697	\$0.01783	\$8,162	639,338	\$0.01324	\$8,463	\$302	(\$0.00459)	-25.8%
16	Total Noncore C&I	1,440,163	\$0.05212	\$75,063	1,510,295	\$0.03519	\$53,148	(\$21,916)	(\$0.01693)	-32.5%
17										
18	NONCORE ELECTRIC GENERATION									
19	Distribution Level Service									
20	Pre Sempra Wide	353,995	\$0.02981	\$10,551	319,035	\$0.03331	\$10,626	\$75	\$0.00350	11.7%
21	Sempra Wide Adjustment	353,995	(\$0.00025)	(\$90)	319,035	(\$0.00108)	(\$343)	(\$253)	(\$0.00082)	323.8%
22	Distribution Post Sempra Wide	353,995	\$0.02955	\$10,461	319,035	\$0.03223	\$10,283	(\$179)	\$0.00268	9.1%
23	Transmission Level Service (2)	2,472,969	\$0.01719	\$42,507	2,753,888	\$0.01250	\$34,426	(\$8,081)	(\$0.00469)	-27.3%
24	Total Electric Generation	2,826,964	\$0.01874	\$52,968	3,072,923	\$0.01455	\$44,708	(\$8,260)	(\$0.00419)	-22.3%
25										
26	TOTAL RETAIL NONCORE	4,267,127	\$0.03000	\$128,031	4,583,218	\$0.02135	\$97,856	(\$30,175)	(\$0.00865)	-28.8%
27										
28	WHOLESALE									
29	Wholesale Long Beach (2)	117,093	\$0.01719	\$2,013	84,077	\$0.01250	\$1,051	(\$962)	(\$0.00469)	-27.3%
30	Wholesale SWG (2)	81,737	\$0.01719	\$1,405	67,171	\$0.01250	\$840	(\$565)	(\$0.00469)	-27.3%
31	Wholesale Vernon (2)	116,135	\$0.01719	\$1,996	80,602	\$0.01250	\$1,008	(\$989)	(\$0.00469)	-27.3%
32	International (2)	53,990	\$0.01719	\$928	66,380	\$0.01250	\$830	(\$98)	(\$0.00469)	-27.3%
33	Total Wholesale & International	368,955	\$0.01719	\$6,342	298,230	\$0.01250	\$3,728	(\$2,614)	(\$0.00469)	-27.3%
34	SDGE Wholesale	1,230,285	\$0.01027	\$12,636	1,233,373	\$0.00808	\$9,967	(\$2,668)	(\$0.00219)	-21.3%
35	Total Wholesale Incl SDGE	1,599,240	\$0.01187	\$18,977	1,531,603	\$0.00894	\$13,695	(\$5,282)	(\$0.00292)	-24.6%
36										
37	TOTAL NONCORE	5,866,366	\$0.02506	\$147,008	6,114,821	\$0.01824	\$111,551	(\$35,457)	(\$0.00682)	-27.2%
38										
39	Unbundled Storage (4)			\$27,530			\$26,476	(\$1,055)		
40	System Total (w/o BTS)	9,457,396	\$0.19313	\$1,826,474	9,761,522	\$0.18202	\$1,776,821	(\$49,653)	(\$0.01110)	-5.7%
41	Backbone Trans. Service BTS (3)	3,100	\$0.11042	\$124,939	2,978	\$0.15230	\$165,545	\$40,606	\$0.04188	37.9%
42	SYSTEM TOTALw/BTS	9,457,396	\$0.20634	\$1,951,413	9,761,522	\$0.19898	\$1,942,366	(\$9,047)	(\$0.00736)	-3.6%
43										
44	EOR Revenues	156,187	\$0.02359	\$3,685	149,770	\$0.02311	\$3,461	(\$224)	(\$0.00048)	-2.1%
45	Total Throughput w/EOR Mth/yr	9,613,583			9,911,292					

- 1) These rates are for Natural Gas Transportation Service from "Citygate to Meter". The FAR rate is for service from Receipt Point to Citygate.
- 2) These Transmission Level Service "TLS" amounts represent the average transmission rate, see Table 5 or detail list of TLS rates.
- 3) BTS charge is proposed as a separate rate. Core will pay through procurement rate, noncore as a separate charge.
- 4) Unbundles Storage costs are not part of the Core Storage or Load Balancing functions (those are included in transport rates).

TABLE 2
Residential Transportation Rates
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12 Volumes Mth	Average Rate \$/th	Jan-1-12 Revenue \$000's	Jan-1-13 Volumes Mth	Rate \$/th	Jan-1-13 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1	RESIDENTIAL SERVICE- Excludes Rate Adder:									
2	Customer Charge									
3	Single Family	3,676,464	\$5.00	\$220,588	3,722,951	\$5.00	\$223,377	\$2,789	\$0.00000	0.0%
4	Multi-Family	1,685,965	\$5.00	\$101,158	1,701,512	\$5.00	\$102,091	\$933	\$0.00000	0.0%
5	Small Master Meter	92,860	\$5.00	\$5,572	124,336	\$5.00	\$7,460	\$1,889	\$0.00000	0.0%
6	Submeter Credit-\$/unit/day	149,095	(\$0.30805)	(\$16,764)	149,967	(\$0.23573)	(\$12,903)	\$3,861	\$0.07233	-23.5%
7	Transportatio									
8	Baseline Rate	1,703,882	\$0.33904	\$577,688	1,682,421	\$0.34855	\$586,400	\$8,713	\$0.00950	2.8%
9	Non-Baseline Rate	768,363	\$0.59904	\$460,282	789,489	\$0.60855	\$480,440	\$20,158	\$0.00950	1.6%
10		2,472,246	\$0.54546	\$1,348,523	2,471,910	\$0.56105	\$1,386,865	\$38,342	\$0.01559	2.9%
11	NBL/BL Ratio:									
12	Composite Rate \$/th		\$0.97414			\$0.97076		(\$0.00338)		-0.3%
13	Gas Rate \$/th		\$0.45283			\$0.43200		(\$0.02083)		-4.6%
14	NBL/Composite rate ratio (4) =		1.08			1.07				
15	NBL- BL rate difference \$/th		0.26000			0.26000		\$0.00000		0.0%
16										
17	Large Master Meter Rate (Excludes Rate Adders for CAT):									
18	Customer Charge	61	\$339.80	\$249	56	\$373.78	\$252	\$3	\$33.98	10.0%
19	Baseline Rate	9,017	\$0.10138	\$914	8,288	\$0.17932	\$1,486	\$572	\$0.07794	76.9%
20	Non-Baseline Rate	2,726	\$0.17913	\$488	2,856	\$0.31308	\$894	\$406	\$0.13396	74.8%
21		11,743	\$0.14063	\$1,652	11,143	\$0.23625	\$2,633	\$981	\$0.09562	68.0%
22										
23	Rates for CSITMA Non-Exempt, NonCARE Customers (Rate Basis + CSITMA Adder)									
24	CSITMA Adder to Volumetric Rate	1,818,370	\$0.00065	\$1,191	1,817,434	\$0.00075	\$1,362	\$171	\$0.00009	14.4%
25	Residential:									
26	Customer Charge		\$5.00			\$5.00		\$0.00000		0.0%
27	Baseline \$/therm		\$0.33970			\$0.34929		\$0.00960		2.8%
28	Non-Baseline \$/therm		\$0.59970			\$0.60929		\$0.00960		1.6%
29	Average NonCARE Rate \$/therm		\$0.54612			\$0.56180		\$0.01568		2.9%
30	Large Master Meter:									
31	Customer Charge		\$339.80			\$373.78		\$33.98		10.0%
32	BaseLine Rate		\$0.10204			\$0.18007		\$0.07803		76.5%
33	NonBaseLine Rate		\$0.17978			\$0.31383		\$0.13405		74.6%
34	Average NonCARE Rate \$/therm		\$0.14129			\$0.23700		\$0.09571		67.7%
35	Core Aggregation Transport (CAT) = NonCARE rates + CAT Adder									
36	CAT Adder to Volumetric Rate	13,319	\$0.04382	\$584	8,732	(\$0.01314)	(\$115)	(\$698)	(\$0.05696)	-130%
37	Residential:									
38	Customer Charge		\$5.00			\$5.00		\$0.00		0.0%
39	BaseLine Rate		\$0.38352			\$0.33615		(\$0.04737)		-12.4%
40	NonBaseLine Rate		\$0.64352			\$0.59615		(\$0.04737)		-7.4%
41	Large Master Meter:									
42	Customer Charge		\$339.80			\$373.78		\$33.98		10.0%
43	BaseLine Rate		\$0.14586			\$0.16693		\$0.02107		14.4%
44	NonBaseLine Rate		\$0.22360			\$0.30069		\$0.07709		34.5%
45	Other Adjustments :									
46	TSA for CSITMA exempt cust.		(\$0.00065)			(\$0.00075)		(\$0.00009)		14.4%
47	TOTAL RESIDENTIAL	2,483,989	\$0.54427	\$1,351,948	2,483,053	\$0.56009	\$1,390,745	\$38,796	\$0.01583	2.9%

See footnotes Table 1

TABLE 3
Core Nonresidential Transportation Rates
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12 Volumes Mth	Average Rate \$/th	Jan-1-12 Revenue \$000's	Jan-1-13 Volumes Mth	Rate \$/th	Jan-1-13 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1										
2	CORE COMMERCIAL & INDUSTRIAL									
3	Customer Charge 1	127,666	\$15.00	\$22,980	149,077	\$15.00	\$26,834	\$3,854	\$0.00	0.0%
4	Customer Charge 2	87,620	\$15.00	\$15,772	61,373	\$15.00	\$11,047	(\$4,724)	\$0.00	0.0%
5	Volumetric Transportation Rate									
6	Tier 1 = 250th/mo	215,926	\$0.49316	\$106,487	230,544	\$0.39647	\$91,403	(\$15,084)	(\$0.09670)	-19.6%
7	Tier 2 = next 4167 th/mo	488,341	\$0.24824	\$121,226	510,293	\$0.18791	\$95,891	(\$25,335)	(\$0.06033)	-24.3%
8	Tier 3 = over 4167 th/mo	266,252	\$0.08402	\$22,371	272,340	\$0.04808	\$13,094	(\$9,276)	(\$0.03594)	-42.8%
9		970,519	\$0.29761	\$288,835	1,013,177	\$0.23517	\$238,270	(\$50,565)	(\$0.06244)	-21.0%
10										
11	Rates for CSITMA Non-Exempt, NonCARE Customers (Rate Basis + CSITMA Adder)									
12	CSITMA Adder to Volumetric Rate	966,797	\$0.00065	\$633	1,009,456	\$0.00075	\$756	\$123	\$0.00009	14.4%
13	Tier 1 = 250th/mo		\$0.49382			\$0.39722			(\$0.09660)	-19.6%
14	Tier 2 = next 4167 th/mo		\$0.24889			\$0.18866			(\$0.06023)	-24.2%
15	Tier 3 = over 4167 th/mo		\$0.08467			\$0.04883			(\$0.03585)	-42.3%
16			\$0.29826			\$0.23592			(\$0.06234)	-20.9%
17	Core Aggregation Transport (CAT):									
18	CAT Adder to Volumetric Rate	17,488	\$0.04382	\$766	84,283	(\$0.01314)	(\$1,108)	(\$1,874)	(\$0.05696)	-130%
19	Tier 1 = 250th/mo		\$0.53764			\$0.38408			(\$0.15357)	-28.6%
20	Tier 2 = next 4167 th/mo		\$0.29271			\$0.17552			(\$0.11719)	-40.0%
21	Tier 3 = over 4167 th/mo		\$0.12849			\$0.03569			(\$0.09280)	-72.2%
22			\$0.34209			\$0.22278			(\$0.11931)	-34.9%
23	Other Adjustments :									
24	TSA for CSITMA exempt cust.		(\$0.00065)			(\$0.00075)			(\$0.00009)	14.4%
25										
26	TOTAL CORE C&I	970,519	\$0.29905	\$290,234	1,013,177	\$0.23482	\$237,918	(\$52,316)	(\$0.06423)	-21.5%
27										
28	NATURAL GAS VEHICLES (a sempra-wide rate)									
29	Customer Charge, P-1	229	\$13.00	\$36	229	\$13.00	\$36	\$0	\$0.00000	0.0%
30	Customer Charge, P-2A	44	\$65.00	\$34	67	\$65.00	\$52	\$18	\$0.00000	0.0%
31	Uncompressed Rate	117,231	\$0.05598	\$6,563	131,912	\$0.05371	\$7,085	\$522	(\$0.00227)	-4.1%
32	Total Uncompressed NGV	117,231	\$0.05658	\$6,633	131,912	\$0.05437	\$7,173	\$540	(\$0.00220)	-3.9%
33	Compressed Rate Adder	1,484	\$0.91797	\$1,363	1,233	\$0.95311	\$1,175	(\$188)	\$0.03513	3.8%
34										
35	Rates for CSITMA Non-Exempt, NonCARE Customers (Rate Basis + CSITMA Adder)									
36	CSITMA Adder to Volumetric Rate	117,186	\$0.00065	\$77	131,867	\$0.00075	\$99	\$22	\$0.00009	14.4%
37	Uncompressed Rate \$/therm		\$0.05664			\$0.05446			(\$0.00218)	-3.8%
38	Other Adjustments :									
39	TSA for CSITMA exempt cust.		(\$0.00065)			(\$0.00075)			(\$0.00009)	14.4%
40										
41	TOTAL NGV SERVICE	117,231	\$0.06886	\$8,072	131,912	\$0.06403	\$8,446	\$374	(\$0.00483)	-7.0%
42										
43	RESIDENTIAL NATURAL GAS VEHICLES (optional rate)									
44	Customer Charge	5,455	\$10.00	\$655	5,549	\$10.00	\$666	\$11	\$0.00000	0.0%
45	Uncompressed Rate	3,416	\$0.17175	\$587	5,433	\$0.13390	\$728	\$141	(\$0.03785)	-22.0%
46		3,416	\$0.36342	\$1,241	5,433	\$0.25645	\$1,393	\$152	(\$0.10696)	-29.4%
47	Rates for CSITMA Non-Exempt, NonCARE Customers (Rate Basis + CSITMA Adder)									
48	CSITMA Adder to Volumetric Rate		\$0.00065			\$0.00075			\$0.00009	14.4%
49	Uncompressed Rate \$/therm		\$0.17241			\$0.13465			(\$0.03776)	-21.9%
50										
51	Core Aggregation Transport (CAT):									
52	CAT Adder to Volumetric Rate	0	\$0.04382	\$0	0	(\$0.01314)	\$0	\$0	(\$0.05696)	-130.0%
53	Uncompressed Rate		\$0.21623			\$0.12151			(\$0.09472)	-43.8%
54	Other Adjustments :									
55	TSA for CSITMA exempt cust.		(\$0.00065)			(\$0.00075)				
56										
57	TOTAL RESIDENTIAL NATURAL GAS	3,416	\$0.36342	\$1,241	5,433	\$0.25645	\$1,393	\$152	(\$0.10696)	-29.4%

TABLE 4
Core Nonresidential Transportation Rates (continued)
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12 Volumes Mth A	Average Rate \$/th B	Jan-1-12 Revenue \$000's C	Jan-1-13 Volumes Mth D	Rate \$/th E	Jan-1-13 Revenue \$000's F	Revenue Change \$000's G	Rate Change \$/th H	% Rate change % I	
	1									
2										
3	<u>NON-RESIDENTIAL GAS A/C</u>									
4	Customer Charge	22	\$150.00	\$40	12	\$150	\$22	(\$18)	\$0.00000	0.0%
5	Volumetric Rate	1,210	\$0.03345	\$40	575	\$0.02962	\$17	(\$23)	(\$0.00383)	-11.4%
6		1,210	\$0.06616	\$80	575	\$0.06718	\$39	(\$41)	\$0.00102	1.5%
7	Rates for CSITMA Non-Exempt, NonCARE Customers (Rate Basis + CSITMA Adder)									
8	CSITMA Adder to Volumetric Rate	1,210	\$0.00065	\$1	575	\$0.00075	\$0	(\$0)	\$0.00009	14.4%
9	Volumetric		\$0.03410			\$0.03037			(\$0.00373)	-10.9%
10	<u>Core Aggregation Transport (CAT):</u>									
11	CAT Adder to Volumetric Rate	0	\$0.04382	\$0	0	(\$0.01314)	\$0	\$0	(\$0.05696)	-130.0%
12	Gas A/C Rate		\$0.07792			\$0.01723		\$0	(\$0.06069)	-77.9%
13	<u>Other Adjustments :</u>									
14	TSA for CSITMA exempt cust.		(\$0.00065)			(\$0.00075)				
15										
16	TOTAL A/C SERVICE	1,210	\$0.06682	\$81	575	\$0.06793	\$39	(\$42)	\$0.00111	1.7%
17										
18	<u>GAS ENGINES</u>									
19	Customer Charge	1,094	\$50.00	\$656	708	\$50	\$425	(\$232)	\$0.00000	0.0%
20	Volumetric	18,080	\$0.05152	\$932	17,984	\$0.06711	\$1,207	\$275	\$0.01559	30.3%
21		18,080	\$0.08783	\$1,588	17,984	\$0.09073	\$1,632	\$44	\$0.00290	3.3%
22	Rates for CSITMA Non-Exempt, NonCARE Customers (Rate Basis + CSITMA Adder)									
23	CSITMA Adder to Volumetric Rate	18,080	\$0.00065	\$12	17,984	\$0.00075	\$13	\$2	\$0.00009	14.4%
24	Volumetric		\$0.05218			\$0.06786				
25	<u>Core Aggregation Transport (CAT):</u>									
26	CAT Adder to Volumetric Rate	0	\$0.04382	\$0	0	(\$0.01314)	\$0	\$0	(\$0.05696)	-130.0%
27	Gas Engine Rate		\$0.09600			\$0.05472		\$0	(\$0.04128)	-43.0%
28	<u>Other Adjustments :</u>									
29	TSA for CSITMA exempt cust.		(\$0.00065)			(\$0.00075)				
30										
31	TOTAL GAS ENGINES	18,080	\$0.08848	\$1,600	17,984	\$0.09148	\$1,645	\$45	\$0.00300	3.4%
32										
33	<u>STREET & OUTDOOR LIGHTING (equals average Non-CAT CCI Rate)</u>									
34	Street & Outdoor Lighting Base Rate		\$0.29761			\$0.23517			(\$0.06244)	-21.0%
35										

TABLE 5
Noncore Commercial & Industrial Rates
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12 Volumes Mth	Average Rate \$/th	Jan-1-12 Revenue \$000's	Jan-1-13 Volumes Mth	Rate \$/th	Jan-1-13 Revenue \$000's	Revenue Change \$000's	Rate Change \$/th	% Rate change %	
	A	B	C	D	E	F	G	H	I	
1	NonCore Commercial & Industrial Distribution Level									
2	Customer Charge	670	\$350.00	\$2,816	647	\$350.00	\$2,716	(\$100)	\$0.00000	0.0%
3										
4	Volumetric Rates									
5	Tier 1 = 250kth/yr	147,174	\$0.14649	\$21,560	129,737	\$0.11792	\$15,299	(\$6,261)	(\$0.02857)	-19.5%
6	Tier 2 = 250k to 1000k	244,409	\$0.08854	\$21,640	212,168	\$0.06970	\$14,787	(\$6,853)	(\$0.01885)	-21.3%
7	Tier 3 = 1 to 2 million th/yr	130,163	\$0.05078	\$6,610	106,660	\$0.03885	\$4,143	(\$2,467)	(\$0.01194)	-23.5%
8	Tier 4 = over 2 million th/yr	460,719	\$0.02961	\$13,643	422,392	\$0.01680	\$7,097	(\$6,546)	(\$0.01281)	-43.3%
9	Volumetric totals (excl itcs)	982,465	\$0.06459	\$63,454	870,957	\$0.04745	\$41,327	(\$22,127)	(\$0.01714)	-26.5%
10										
11	Rates for CSITMA Non-Exempt. NonCARE Customers (Rate Basis + CSITMA Adder)									
12	CSITMA Adder to Volumetric Rate		\$0.00065	\$632		\$0.00075	\$642	\$10	\$0.00009	14.4%
13	Tier 1 = 250kth/yr		\$0.14715			\$0.11867		(\$0.02847)		-19.4%
14	Tier 2 = 250k to 1000k		\$0.08920			\$0.07045		(\$0.01875)		-21.0%
15	Tier 3 = 1 to 2 million th/yr		\$0.05144			\$0.03960		(\$0.01184)		-23.0%
16	Tier 4 = over 2 million th/yr		\$0.03027			\$0.01755		(\$0.01272)		-42.0%
			\$0.06524			\$0.04820		(\$0.01704)		-26.1%
17	Other Adjustments :									
18	TSA for CSITMA exempt cust.		(\$0.00065)			(\$0.00075)		(\$0.00009)		
19	NCCI - DISTRIBUTION LEVEL	982,465	\$0.06810	\$66,902	870,957	\$0.05130	\$44,684	(\$22,217)	(\$0.01679)	-24.7%
20										
21	NCCI-TRANSMISSION LEVEL (2) w/E	457,697	\$0.01783	\$8,162	639,338	\$0.01324	\$8,463	\$302	(\$0.00459)	-25.8%
22										
23	TOTAL NONCORE C&I	1,440,163	\$0.05212	\$75,063	1,510,295	\$0.03519	\$53,148	(\$21,916)	(\$0.01693)	-32.5%

TABLE 6
Noncore Electric Generation Rates and Enhanced Oil Recovery Rates
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12	Average	Jan-1-12	Jan-1-13	Rate	Jan-1-13	Revenue	Rate	% Rate	
	Volumes	Rate	Revenue	Volumes	\$/th	Revenue	Change	Change	change	
	Mth	\$/th	\$000's	Mth	\$/th	\$000's	\$000's	\$/th	%	
	A	B	C	D	E	F	G	H	I	
1										
2	ELECTRIC GENERATION									
3										
4	<u>EFBA Exempt Distribution Rates:</u>									
5	<u>EG Distribution Level Service Tier 1:</u>									
6	Customer Charge	134	\$50.00	\$80	125	\$50.00	\$75	(\$5)	\$0.00000	0.0%
7	Volumetric Rate (excl ITCS)	60,420	\$0.05470	\$3,305	42,203	\$0.06914	\$2,918	(\$387)	\$0.01444	26.4%
8	EG Distribution Level Service Tier 1	60,420	\$0.05603	\$3,385	42,203	\$0.07092	\$2,993	(\$392)	\$0.01489	26.6%
9										
10	<u>EG Distribution Level Service Tier 2:</u>									
11	Customer Charge	32	\$0.00	\$0	29	\$0.00	\$0	\$0	\$0.00000	
12	Volumetric Rate (excl ITCS)	293,575	\$0.02410	\$7,076	276,832	\$0.02633	\$7,290	\$214	\$0.00223	9.3%
13	EG Distribution Level Service Tier 2	293,575	\$0.02410	\$7,076	276,832	\$0.02633	\$7,290	\$214	\$0.00223	9.3%
14										
15	Total EG Distribution EFBA Exempt Cu	353,995	\$0.02955	\$10,461	319,035	\$0.03223	\$10,283	(\$179)	\$0.00268	9.1%
16										
17	<u>EFBA Non-Exempt Rates:</u>									
18	EFBA Cost Adder	328,957	\$0.00000	\$0	232,796	\$0.00000	\$0	\$0	\$0.00000	
19	EG-Distribution Tier 1 w/EFBA Adder		\$0.05470			\$0.06914			\$0.01444	26.4%
20	EG-Distribution Tier 2 w/EFBA Adder		\$0.02410			\$0.02633			\$0.00223	9.3%
21	Total - EG Distribution Level	353,995	\$0.02955	\$10,461	319,035	\$0.03223	\$10,283	(\$179)	\$0.00268	9.1%
22										
23	EG Transmission Level (2)	2,472,969	\$0	\$42,507	2,753,888	\$0.01250	\$34,426	(\$8,081)	(\$0.00469)	-27.3%
24										
25	TOTAL ELECTRIC GENERATION	2,826,964	\$0.01874	\$52,968	3,072,923	\$0.01455	\$44,708	(\$8,260)	(\$0.00419)	-22.3%
26										
27	<u>EOR Rates & revenue:</u>									
28	<u>Distribution Level EOR:</u>									
29	Customer Charge	14	\$500.00	\$84	17	\$500.00	\$102	\$18	\$0.00000	0.0%
30	Volumetric Rate	80,880	\$0.02851	\$2,306	80,514	\$0.03096	\$2,493	\$187	\$0.00245	8.6%
31	Distribution Level EOR	80,880	\$0.02955	\$2,390	80,514	\$0.03223	\$2,595	\$205	\$0.00268	9.1%
32	Transmission Level EOR	75,307	\$0	\$1,294	69,256	\$0.01250	\$866	(\$429)	(\$0.00469)	-27.3%
33	Total EOR	156,187	\$0.02359	\$3,685	149,770	\$0.02311	\$3,461	(\$224)	(\$0.00048)	-2.1%

See footnotes Table 1

TABLE 7
Transmission Level Service Transportation Rates
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12	Average	Jan-1-12	Jan-1-13	Rate	Jan-1-13	Revenue	Rate	% Rate	
	Volumes	Rate	BCAP Vols	Volumes	\$/th	Revenue	Change	Change	change	
	Mth	\$/th	\$000's	Mth, Mdth	\$/th	\$000's	\$000's	\$/th	%	
	A	B	C	D	E	F	G	H	I	
Rate applicable to NonCore C&I, EOR & EG customer Classes:										
1	Reservation Service Option (RS):									
2		\$0.00844			\$0.00547			(\$0.00298)	-35.3%	
3		\$0.00481			\$0.00530			\$0.00049	10.2%	
4										
5	Class Average Volumetric Rate (CA)									
6		\$0.01218			\$0.00769			(\$0.00449)	-36.9%	
7		\$0.00500			\$0.00479			(\$0.00021)	-4.1%	
8	Class Average Volumetric Rate (CA) \$/th	\$0.01718			\$0.01248			(\$0.00470)	-27.4%	
9										
10	120% CA (for NonBypass Volumetric NV) \$/th	\$0.02061			\$0.01497			(\$0.00564)	-27.4%	
11	135% CA (for Bypass Volumetric BV) \$/th	\$0.02319			\$0.01684			(\$0.00634)	-27.4%	
12	Total Transmission Level Service (NCC)	2,930,667	\$0.01719	\$50,374	3,393,226	\$0.01250	\$42,418	(\$7,956)	(\$0.00469)	-27.3%
13										
14	Rate applicable to NonCore C&I for CSITMA and EFBA NonExempt Customers									
15	CSITMA Adder to Usage Charge	457,697	\$0.00064	\$294	639,338	\$0.00074	\$471	\$177	\$0.00009	
16	EFBA Cost Adder	1,016,987	\$0.00000	\$0	1,540,747	\$0.00000	\$0		\$0.00000	
17	Reservation Service Option (RS):									
18		\$0.00844			\$0.00547			\$0	(\$0.00298)	-35.3%
19		\$0.00545			\$0.00603			\$0	\$0.00058	10.7%
20										
21	Class Average Volumetric Rate (CA)									
22		\$0.01218			\$0.00769			\$0	(\$0.00449)	-36.9%
23		\$0.00564			\$0.00553			\$0	(\$0.00011)	-2.0%
24	Class Average Volumetric Rate (CA) \$/th	\$0.01782			\$0.01321			\$0	(\$0.00460)	-25.8%
25										
26	120% CA (for NonBypass Volumetric NV) \$/th	\$0.02138			\$0.01586			\$0	(\$0.00552)	-25.8%
27	135% CA (for Bypass Volumetric BV) \$/th	\$0.02405			\$0.01784			\$0	(\$0.00622)	-25.8%
28										
29	Other Adjustments :									
30	TSA for CSITMA exempt cust.		(\$0.00064)			\$0.00074			\$0.00138	
31	Total Transmission Level Service (NCC)	2,930,667	\$0.01729	\$50,668	3,393,226	\$0.01264	\$42,889	(\$7,779)	(\$0.00465)	-26.9%
32										
33	Rate applicable to Wholesale & International customer Classes:									
34	Reservation Service Option (RS):									
35		\$0.00842			\$0.00545			(\$0.00297)	-35.3%	
36		\$0.00480			\$0.00529			\$0.00049	10.2%	
37										
38	Class Average Volumetric Rate (CA)									
39		\$0.01215			\$0.00767			(\$0.00448)	-36.9%	
40		\$0.00499			\$0.00478			(\$0.00021)	-4.1%	
41	Class Average Volumetric Rate (CA) \$/th	\$0.01713			\$0.01245			(\$0.00469)	-27.4%	
42										
43	120% CA (for NonBypass Volumetric NV) \$/th	\$0.02056			\$0.01494			(\$0.00562)	-27.4%	
44	135% CA (for Bypass Volumetric BV) \$/th	\$0.02313			\$0.01680			(\$0.00633)	-27.4%	
45	Total Transmission Level Service (WS)	368,955	\$0.01719	\$6,342	298,230	\$0.01250	\$3,728	(\$2,614)	(\$0.00469)	-27.3%
46										
47	Average Transmission Level Service	3,299,622	\$0.01728	\$57,010	3,691,456	\$0.01263	\$46,617	(\$10,393)	(\$0.00465)	-26.9%

TABLE 8
Backbone Transmission Service and Storage Rates
Southern California Gas Company
2013 TCAP Application
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Present Rates			Proposed Rates			Changes			
	Jan-1-12	Average	Jan-1-12	Jan-1-13	Rate	Jan-1-13	Revenue	Rate	% Rate	
	Volumes	Rate	BCAP Vols	Volumes	Rate	Revenue	Change	Change	change	
	Mth	\$/th	\$000's	Mth, Mnth	\$/th	\$000's	\$000's	\$/th	%	
	A	B	C	D	E	F	G	H	I	
48										
49	Backbone Transmission Service BTS									
50	BTS SFV Reservation Charge \$/dth/d	3,100	\$0.11042	\$124,939	2,978	\$0.15230	\$165,545	\$40,606	\$0.04188	37.9%
51	BTS Interruptible Volumetric Charge \$/therm		\$0.11042			\$0.15230		\$0.04188	37.9%	
52										
53	BTS Adder for Direct Service \$/th		\$0.00000			\$0.00831		\$0.00831		
54										
55	Storage Rates: (incl. HRSMA)									
56	Injection mmcf/d; rate = \$/dth/day	850	\$29.78	\$26,074	850	\$30.77	\$26,770	\$697	\$1.00	3.3%
57	Inventory BCF; rate = \$/dth	135	\$0.25768	\$35,863	136	\$0.25865	\$36,030	\$167	\$0.00098	0.4%
58	Withdrawal mmcf/d; rate = \$/dth/day	3,195	\$9.81	\$32,276	3,195	\$8.19	\$26,770	(\$5,506)	(\$1.62)	-16.5%
59			\$94,213			\$89,571	(\$4,642)			

See footnotes Table 1

Revenue Check of Base Margin, Revenue Requirement and Rates
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Base Margin in Transportation rates		\$000's		
Authorized Base Margin			\$1,610,510	2008 GRC
2009 attrition w/FFU	\$52,000	101.7262%	\$52,898	2008 GRC
2010 attrition w/FFU	\$51,000	101.7262%	\$51,880	2008 GRC
2011 attrition w/FFU	\$53,000	101.7262%	\$53,915	2008 GRC
2012 attrition w/FFU	\$0	101.7262%	\$0	
GCT Equity Interest and Income Adj.	\$5,243	101.7262%	\$5,334	2008 GRC
2008 PBR Shareable Earnings			\$0	
Shareable Earnings			\$0	2008 GRC
Perf Safety Incentive Award			\$0	2008 GRC
Base Margin			\$1,774,536	
Less Items Not in Transportation Rate:				
Brokerage Fee			(\$6,638)	Misc Inputs
			\$1,767,899	
Adjustment to Storage for Honor Rancho in 2013TCAP			\$9,260	SCG Cost Allocation File
Base Margin in Transportation Rates (w/FFU; Pre SI/FAR) \$000			\$1,777,159	<i>Cost Alloc = \$1,777,159</i> \$0

Reconcile Base Margin with Revenue Requirement

Base Margin in Transportation Rates (w/FFU; Pre SI/FAR) \$000	\$1,777,159			
System Integration:				
Less Backbone Transmission Costs	(\$116,052)	Cost Alloc		
Less Local Transmission Costs	(\$50,420)	Cost Alloc		
Plus Backbone Transmission Costs w/SI	\$0	Cost Alloc		
Plus Local Transmission Costs w/SI	\$44,047	Cost Alloc		
Plus Unbundled BBT amount w/FFU	\$129,399	SI & FAR		
System Integration	\$6,975			
less Unbundled BBT amount w/FFU	(\$129,399)			
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$1,654,734	<i>cost allocation Tab =</i>	\$1,654,734	(\$0)
Other Operating Costs and Revenues	\$71,298	Cost Alloc		
Regulatory Accounts	\$42,751	Cost Alloc		
Core Interstate Pipeline Demand Charges (IPDC)	\$0	Cost Alloc		
Core Averaging	\$0	Cost Alloc		
EOR Revenue allocated to Other Classes \$000	(\$3,461)	Cost Alloc		
EOR Costs allocated to Other Classes \$000	\$0	Cost Alloc		
Gas Engine Rate CAP adjustment	\$0	Cost Alloc		
adjustment \$000				
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$1,765,322	<i>cost allocation Tab =</i>	\$1,765,322	\$0
plus SW Adjustments	(\$280)			
plus change due to TLS (NCCI/EG/WS/DGN)	\$11,779			
Final Revenue Requirement in Rate Tables w/oBBT Revenue	\$1,776,821	<i>Rate Table Total =</i>	\$1,776,821	\$0
Est BBT Revenue- \$000	\$165,545	Cost Alloc		
Final Revenue Requirement in Rate Tables w/BBT Revenue	\$1,942,366	<i>Rate Table Total =</i>	\$1,942,366	\$0

Summary of Transmission Costs	SCG	SDGE	Total	Source
Base Margin in Transport (w/FFU; Pre SI/FAR) \$000	\$1,777,159	\$261,726	\$2,038,884	
Net SI w/FFU:				
Remove Local-T	(\$50,420)	\$0	(\$50,420)	SI & FAR
Remove BBT	(\$116,052)	(\$31,473)	(\$147,526)	SI & FAR
add integrated Local-T	\$44,047	\$6,372	\$50,420	SI & FAR
add integrated BBT	\$0	\$0	\$0	SI & FAR
add BBT Unbundled Amount	\$147,526		\$147,526	SI & FAR
net system integration excl fuel, w/FAR	\$25,101	(\$25,101)	\$0	
remove FAR Unbundled Amount	(\$147,526)	\$0	(\$147,526)	
Base Margin (Post-SI, FAR; w/FFU)	\$1,654,734	\$236,625	\$1,891,359	
	\$1,654,734	\$236,625	\$1,891,359	Cost Alloc
	\$0	\$0	\$0	

Summary of System Throughput:	Mth/yr	Source
SCG's Demand FC for System Throughput mth/yr	9,911,292	Alloc Factors
Total Table 1	9,761,522	Rate Tables
plus EOR	149,770	Rate Tables
	9,911,292	

Summary of TLS Revenue:	SCG	SDGE	total	over (under) collection	revenue collected	Source
PreTLS Costs	\$34,367	\$19,073	\$53,439			TLS Rate
TLS Revenue	\$46,146	\$7,293	\$53,439	\$0	\$53,439	TLS Rate
net TLS cost	\$11,779	(\$11,779)	\$0			
				Costs Allocated to TLS class =	\$53,439	
				(under) over collected =	\$0	

Summary of Rate Table 1

	A (w/o FAR, TLS,SW)	B=SW Adj	C=A+B (w/o FAR, TLS)	D=TLS	E=C+D (w/o FAR)	F=FAR	Total G=E+F
Core	\$1,638,731	\$63	\$1,638,794		\$1,638,794	\$63,596	\$1,702,390
NCCI-D	\$44,684		\$44,684		\$44,684		
NCCI-T	\$5,244		\$5,244	\$3,220	\$8,463		
	\$49,928		\$49,928	\$3,220	\$53,148	\$24,500	\$77,647
SDGE Wholesale	\$9,967		\$9,967		\$9,967	\$20,340	
	\$59,895	\$0	\$59,895	\$3,220	\$63,115	\$44,840	\$107,955
EG-D	\$10,626	(\$343)	\$10,283		\$10,283		
EG-T	\$25,509		\$25,509	\$8,916	\$34,426		
	\$36,135	(\$343)	\$35,792	\$8,916	\$44,708	\$49,712	\$94,420
Wholesale (exclude SDGE)	\$3,552		\$3,552	(\$654)	\$2,898	\$3,901	\$6,800
DGN	\$533		\$533	\$297	\$830	\$1,074	\$1,904
TBS	\$26,476		\$26,476		\$26,476		\$26,476
EOR						\$2,423	\$2,423
Transport Rev Req \$000/yr	\$1,765,322	(\$280)	\$1,765,041	\$11,779	\$1,776,821	\$165,545	\$1,942,366
<i>Table 1 Total Revenue (Incl SI, FAR, TLS, SW Adj) =</i>	<u><i>\$1,765,322</i></u>				<u><i>\$1,776,821</i></u>		<u><i>\$1,942,366</i></u>
	<i>\$0</i>				<i>\$0</i>		<i>\$0</i>

A = Transport Rev Req w/ FFU, EOR Cr, SI; w/o FAR revenue, TLS, SW

B = Sempra Wide Adjustments

C = Transport Rev Req w/ FFU, EOR Cr, SI, SW; w/o FAR revenue, TLS

D = TLS Revenue (revenue from SCG's NCCI-T, EG-T, LB, Vernon, SWG, DGN; Excludes TLS revenue from SDGE's NCCI-T and EG-T customers)

E = Transport Rev Req w/ FFU, EOR Cr, SI, SW, TLS; w/o FAR revenue

F = Estimated FAR Charge paid by SCG customers (excludes FAR payments by SDGE's customers)

G = Total System Transportation Revenue per Table 1 includes SI, TLS, SW, FAR revenue

Summary of Rate tables 2 thru 5

Table 2 - Core Res & Core C&I:					
Residential Service \$000	\$1,390,745	Rate Tables			
Core C&I Service \$000	\$237,918	Rate Tables			
Table 3 - other Core service:					
SW NGV \$000	\$8,446	Rate Tables			
Gas AC \$000	\$39	Rate Tables			
Gas Engine \$000	\$1,645	Rate Tables			
CORE	\$1,638,794				
Table 4 - NonCore C&I and EG:					
NCCI \$000	\$53,148	Rate Tables			
Sw-EG \$000	\$44,708	Rate Tables			
Total NCCI & EG	\$97,856				
Less NCCI Transmission Level Included in Table 5	(\$8,463)	Rate Tables			
Less EG Transmisison Level Included in Table 5	(\$34,426)	Rate Tables			
Total NCCI-D and EG-D only	\$54,967				
Table 5 - Transmission Level Service					
SDGE Wholesale Charge for Core & Dist on table 1	\$46,617	Rate Tables			
UBS \$000	\$9,967	Rate Tables			
	\$26,476	Rate Tables			
System Total Rev Req w/SI, TLS, SW adj w/o FAR \$000	\$1,776,821		Rev Req w/o FAR =	\$1,776,821	\$0
Est FAR Revenue - \$000	\$165,545	Rate Tables			
System Total Rev Req w/SI, TLS, SW adj & FAR \$000	\$1,942,366		Rev Req w/FAR =	\$1,942,366	\$0

Comparison SCG & SDGE revenue requirements	SCG	SDGE	SEU	Source
Authorized Base Margin in 2008GRC (excl misc revenue) \$000	\$1,610,510	\$235,125	\$1,845,635	SDGE/Revenue Check
attrition & other adjustments	\$164,026	\$26,601	\$190,627	
Current Authorized Base Margin	\$1,774,536	\$261,726	\$2,036,262	SDGE/Revenue Check
Remove Broker Fee	(\$6,638)		(\$6,638)	
Adjustment to Storage for Honor Rancho in 2013TCAP	\$9,260		\$9,260	
Unbundled FAR amount	(\$147,526)	\$0	(\$147,526)	
Net System Integration	\$25,101	(\$25,101)	\$0	
Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$1,654,734	\$236,625	\$1,891,359	
Other Operate Costs	\$71,298	\$16,727	\$88,025	SDGE/Revenue Check
Regulatory Accounts	\$42,751	\$17,107	\$59,858	SDGE/Revenue Check
Other	(\$3,461)		(\$3,461)	
SW NGV & EG Adjustment	(\$280)	\$282	\$2	SDGE/Revenue Check
NET TLS Adjustment	\$11,779	(\$11,779)	\$0	SDGE/Revenue Check
Revenue Requirement w/oFAR	\$1,776,821	\$258,961	\$2,035,782	
	\$1,776,821	\$258,961	\$2,035,782	Rate Tables
	\$0	\$0	\$0	

SCG/SDGE Transfer Payment for SI & BTS:	without FFU			with FFU			Source
	SCG	SDGE	SEU	SCG	SDGE	SEU	
FFU Rate Gross-to-Net Ratio	98.3031%	97.7420%					MISC Input
Pre-SI Costs:							
Backbone Transmission Cost	\$114,083	\$30,763	\$144,846	\$116,052	\$31,473	\$147,526	SI & FAR
Local Transmission Cost	\$49,564	\$0	\$49,564	\$50,420	\$0	\$50,420	SI & FAR
Transmission Costs	\$163,647	\$30,763	\$194,410	\$166,472	\$31,473	\$197,945	
Fuel	\$0	\$0	\$0	\$0	\$0	\$0	In-Kind Charge per FAR L
Total Pre-SI Costs	\$163,647	\$30,763	\$194,410	\$166,472	\$31,473	\$197,945	
Post-SI Costs:							
Backbone Transmission Cost	\$145,022	\$0	\$145,022	\$147,526	\$0	\$147,526	SI & FAR
Local Transmission Cost	\$43,300	\$6,228	\$49,528	\$44,047	\$6,372	\$50,420	SI & FAR
Transmission Costs	\$188,322	\$6,228	\$194,550	\$191,573	\$6,372	\$197,945	
Fuel	\$0	\$0	\$0	\$0	\$0	\$0	In-Kind Charge per FAR L
Total Post SI Costs	\$188,322	\$6,228	\$194,550	\$191,573	\$6,372	\$197,945	
SI/BTS Transfer \$000	\$24,675	(\$24,534)	\$141	\$25,101	(\$25,101)	\$0	

SoCalGas Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I
Base Margin Costs:							
Customer Cost w/o SA \$000	\$851,901	\$114,583	\$24	\$1,273	\$959	\$968,741	\$16,332
Medium Pressure Distribution Costs	\$309,758	\$71,566	\$9	\$226	\$1,923	\$383,482	\$11,271
High Pressure Distribution Costs	\$53,477	\$15,500	\$5	\$89	\$1,330	\$70,402	\$8,902
Backbone Transmission Costs	\$30,777	\$12,026	\$7	\$204	\$1,493	\$44,507	\$17,146
Local Transmission Costs	\$19,052	\$5,569	\$2	\$33	\$619	\$25,275	\$5,716
Storage - Seasonal	\$36,267	\$10,379	\$0	\$0	\$376	\$47,021	\$0
Storage - Load Balancing	\$2,292	\$935	\$1	\$17	\$122	\$3,366	\$1,662
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Related Marketing	\$21,415	\$10,894	\$0	\$3	\$2,149	\$34,461	\$212
Uncollectibles	\$3,289	\$596	\$0	\$8	\$22	\$3,915	\$152
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$1,150	\$1,150	\$0
Total Margin Allocation pre-SI, pre-BTS Unbndle w/FFU	\$1,328,227	\$242,049	\$46	\$1,853	\$10,145	\$1,582,321	\$61,393
Less Backbone Transmission Costs	(\$30,777)	(\$12,026)	(\$7)	(\$204)	(\$1,493)	(\$44,507)	(\$17,146)
Less Local Transmission Costs	(\$19,052)	(\$5,569)	(\$2)	(\$33)	(\$619)	(\$25,275)	(\$5,716)
Plus Local Transmission Costs w/SI, FFU	\$19,085	\$5,579	\$2	\$33	\$620	\$25,319	\$5,726
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$1,297,484	\$230,033	\$40	\$1,649	\$8,652	\$1,537,858	\$44,257

Other Operating Costs and Revenues	Non-ECPT?	Add FFU Y or N?	Amount to Allocate (w/o F&U)	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I
n/a										
n/a										
n/a										
Company Use Gas: Other		Y	\$785	\$200	\$82	\$0	\$1	\$11	\$294	\$122
Company Use Gas: Storage Load Balancing		N	\$1,259	\$315	\$129	\$0	\$2	\$17	\$463	\$192
AMI	Y	Y	\$35,186	\$34,097	\$1,688	\$0	\$6	\$1	\$35,793	\$0
Exchange Revenues & Interutility Transactions		N	\$23	\$6	\$2	\$0	\$0	\$0	\$9	\$3
Fuel Cell Equipment Revenues	Y	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas		Y	\$32,592	\$16,028	\$6,540	\$4	\$116	\$851	\$23,540	\$2,318
n/a										
Well Incidents & Surface Leaks		Y	\$276	\$71	\$29	\$0	\$1	\$4	\$105	\$43
Subtotal Other Operating Costs and Revenues			\$70,120	\$50,718	\$8,470	\$4	\$127	\$884	\$60,203	\$2,678

SoCalGas Cost Allocation
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COST COMPONENTS \$000's	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN
Base Margin Costs:										
Customer Cost w/o SA \$000	\$3,302	\$5,582	\$1,129	\$26,344	\$435	\$956	\$362	\$198	\$1,952	\$57
Medium Pressure Distribution Costs	\$782	\$896	\$4	\$12,952	\$0	\$0	\$0	\$0	\$0	\$0
High Pressure Distribution Costs	\$401	\$4,709	\$887	\$14,900	\$0	\$0	\$0	\$0	\$0	\$0
Backbone Transmission Costs	\$697	\$34,093	\$1,696	\$53,631	\$1,003	\$14,432	\$814	\$913	\$17,163	\$752
Local Transmission Costs	\$193	\$10,538	\$588	\$17,036	\$476	\$6,449	\$517	\$421	\$7,863	\$246
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$5,814	\$0	\$0	\$5,814	\$0
Storage - Load Balancing	\$68	\$3,314	\$165	\$5,208	\$93	\$1,357	\$74	\$89	\$1,612	\$73
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Related Marketing	\$60	\$897	\$583	\$1,752	\$161	\$153	\$177	\$130	\$621	\$71
Uncollectibles	\$14	\$149	\$0	\$315	\$0	\$0	\$0	\$0	\$0	\$0
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	\$5,516	\$60,178	\$5,052	\$132,139	\$2,168	\$29,162	\$1,944	\$1,751	\$35,025	\$1,198
Less Backbone Transmission Costs	(\$697)	(\$34,093)	(\$1,696)	(\$53,631)	(\$1,003)	(\$14,432)	(\$814)	(\$913)	(\$17,163)	(\$752)
Less Local Transmission Costs	(\$193)	(\$10,538)	(\$588)	(\$17,036)	(\$476)	(\$6,449)	(\$517)	(\$421)	(\$7,863)	(\$246)
Plus Local Transmission Costs w/SI, FFU	\$193	\$10,557	\$589	\$17,066	\$476	\$0	\$518	\$422	\$1,416	\$246
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$4,820	\$26,104	\$3,357	\$78,537	\$1,165	\$8,281	\$1,131	\$839	\$11,416	\$447

Other Operating Costs and Revenues

n/a										
n/a										
n/a										
Company Use Gas: Other	\$5	\$243	\$12	\$381	\$7	\$99	\$5	\$6	\$118	\$5
Company Use Gas: Storage Load Balancing	\$8	\$382	\$19	\$601	\$11	\$157	\$9	\$10	\$186	\$8
AMI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$0	\$7	\$0	\$10	\$0	\$3	\$0	\$0	\$3	\$0
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$94	\$4,622	\$226	\$7,260	\$129	\$1,888	\$103	\$123	\$2,243	\$102
n/a										
Well Incidents & Surface Leaks	\$2	\$86	\$0	\$132	\$2	\$35	\$2	\$2	\$42	\$2
Subtotal Other Operating Costs and Revenues	\$109	\$5,340	\$257	\$8,384	\$149	\$2,182	\$119	\$143	\$2,593	\$117

SoCalGas Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	TBS	Total Non Core	Total System \$000	Source
Base Margin Costs:				
Customer Cost w/o SA \$000	\$0	\$28,353	\$997,094	CA Model
Medium Pressure Distribution Costs	\$0	\$12,952	\$396,435	CA Model
High Pressure Distribution Costs	\$0	\$14,900	\$85,301	CA Model
Backbone Transmission Costs	\$0	\$71,545	\$116,052	CA Model
Local Transmission Costs	\$0	\$25,145	\$50,420	CA Model
Storage - Seasonal	\$0	\$5,814	\$52,836	CA Model
Storage - Load Balancing	\$0	\$6,894	\$10,260	CA Model
Storage - TBS	\$26,476	\$26,476	\$26,476	CA Model
Non-DSM Related Marketing	\$0	\$2,444	\$36,905	CA Model
Uncollectibles	\$0	\$315	\$4,230	CA Model
NGV Compression Costs:	\$0	\$0	\$1,150	CA Model
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	\$26,476	\$194,838	\$1,777,159	
Less Backbone Transmission Costs	\$0	(\$71,545)	(\$116,052)	
Less Local Transmission Costs	\$0	(\$25,145)	(\$50,420)	
Plus Local Transmission Costs w/SI, FFU	\$0	\$18,728	\$44,047	SI & FAR
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$26,476	\$116,876	\$1,654,734	

Other Operating Costs and Revenues				F&U Amount \$000	Total Allocated \$000	
n/a						
n/a						
n/a						
Company Use Gas: Other	\$0	\$504	\$798	\$13	\$785	Misc Input
Company Use Gas: Storage Load Balancing	\$0	\$796	\$1,259	\$0	\$1,259	Misc Input
AMI	\$0	\$0	\$35,793	\$607	\$35,186	AMI Decision
Exchange Revenues & Interutility Transactions	\$0	\$14	\$23	\$0	\$23	Deamnd FC 1/14/2008
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	Mkt Dept 1/22/2008
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	2008RD Model
Unaccounted For (UAF) Gas	\$0	\$9,605	\$33,145	\$553	\$32,592	Misc Input
n/a						
Well Incidents & Surface Leaks	\$0	\$175	\$280	\$5	\$276	Misc Input
Subtotal Other Operating Costs and Revenues	\$0	\$11,095	\$71,298	\$1,178	\$70,120	

SoCalGas Cost Allocation
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Allocation
Base Margin Costs:	
Customer Cost w/o SA \$000	SCG Cost Allocation Model
Medium Pressure Distribution Costs	SCG Cost Allocation Model
High Pressure Distribution Costs	SCG Cost Allocation Model
Backbone Transmission Costs	SCG Cost Allocation Model
Local Transmission Costs	SCG Cost Allocation Model
Storage - Seasonal	SCG Cost Allocation Model
Storage - Load Balancing	SCG Cost Allocation Model
Storage - TBS	SCG Cost Allocation Model
Non-DSM Related Marketing	SCG Cost Allocation Model
Uncollectibles	SCG Cost Allocation Model
NGV Compression Costs:	SCG Cost Allocation Model
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	
Less Backbone Transmission Costs	
Less Local Transmission Costs	
Plus Local Transmission Costs w/SI, FFU	
<hr/>	
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	
<hr/>	
Other Operating Costs and Revenues	
n/a	
n/a	
n/a	
Company Use Gas: Other	ECPT Incl EOR
Company Use Gas: Storage Load Balancing	ECPT Incl EOR
AMI	Core Avg Meter Count 2009-2015
Exchange Revenues & Interutility Transactions	CYTP ExEOR
Fuel Cell Equipment Revenues	EPAM ExEOR
Marketing: DSM Program Awards	Core ECPT
Unaccounted For (UAF) Gas	Method #2 - 71% core @ ECPT / 29% noncore @ ECPT (incl EOR)
n/a	
Well Incidents & Surface Leaks	Allocate Core=Storage Inv NonCore=LB Inv=ECPT ExEOR
Subtotal Other Operating Costs and Revenues	

SoCalGas Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Allocation %

COST COMPONENTS \$000's	Total System	Resid	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG <3 mmth /yr	EG >=3 mmth /yr	EOR	Total Retail Non Core
Base Margin Costs:												
Customer Cost w/o SA \$000												
Medium Pressure Distribution Costs												
High Pressure Distribution Costs												
Backbone Transmission Costs												
Local Transmission Costs												
Storage - Seasonal												
Storage - Load Balancing												
Storage - TBS												
Non-DSM Related Marketing												
Uncollectibles												
NGV Compression Costs:												
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU												
Less Backbone Transmission Costs												
Less Local Transmission Costs												
Plus Local Transmission Costs w/SI, FFU												
<hr/>												
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU												
<hr/>												
Other Operating Costs and Revenues												
n/a												
n/a												
n/a												
Company Use Gas: Other	100.0%	25.1%	10.2%	0.0%	0.2%	1.3%	36.8%	15.2%	0.6%	30.4%	1.5%	47.8%
Company Use Gas: Storage Load Balancing	100.0%	25.1%	10.2%	0.0%	0.2%	1.3%	36.8%	15.2%	0.6%	30.4%	1.5%	47.8%
AMI	100.0%	95.3%	4.7%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Exchange Revenues & Interutility Transactions	100.0%	26.9%	10.5%	0.0%	0.2%	1.3%	38.9%	15.0%	0.6%	29.8%	0.0%	45.4%
Fuel Cell Equipment Revenues	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Marketing: DSM Program Awards	100.0%	68.1%	27.8%	0.0%	0.5%	3.6%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Unaccounted For (UAF) Gas	100.0%	48.3%	19.7%	0.0%	0.4%	2.6%	71.0%	7.0%	0.3%	13.9%	0.7%	21.9%
n/a												
Well Incidents & Surface Leaks	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Subtotal Other Operating Costs and Revenues	100.0%	71.1%	11.9%	0.0%	0.2%	1.2%	84.4%	3.8%	0.2%	7.5%	0.4%	11.8%

SoCalGas Cost Allocation
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core
Base Margin Costs:								
Customer Cost w/o SA \$000								
Medium Pressure Distribution Costs								
High Pressure Distribution Costs								
Backbone Transmission Costs								
Local Transmission Costs								
Storage - Seasonal								
Storage - Load Balancing								
Storage - TBS								
Non-DSM Related Marketing								
Uncollectibles								
NGV Compression Costs:								
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU								
Less Backbone Transmission Costs								
Less Local Transmission Costs								
Plus Local Transmission Costs w/SI, FFU								
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU								

Other Operating Costs and Revenues

n/a								
n/a								
n/a								
Company Use Gas: Other	0.8%	12.4%	0.7%	0.8%	14.8%	0.7%	0.0%	63.2%
Company Use Gas: Storage Load Balancing	0.8%	12.4%	0.7%	0.8%	14.8%	0.7%	0.0%	63.2%
AMI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Exchange Revenues & Interutility Transactions	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	61.1%
Fuel Cell Equipment Revenues	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%
Marketing: DSM Program Awards	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Unaccounted For (UAF) Gas	0.4%	5.7%	0.3%	0.4%	6.8%	0.3%	0.0%	29.0%
n/a								
Well Incidents & Surface Leaks	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%
Subtotal Other Operating Costs and Revenues	0.2%	3.1%	0.2%	0.2%	3.6%	0.2%	0.0%	15.6%

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SoCalGas Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's				Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I
Regulatory Accounts										
Affiliate Transfer Fee Account (ATFA)	Y	Y	(\$262)	(\$213)	(\$38)	(\$0)	(\$0)	(\$1)	(\$252)	(\$7)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)		Y	(\$1,209)	(\$115)	(\$1,108)	\$0	(\$1)	(\$6)	(\$1,230)	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	Y	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)		Y	\$2,045	\$529	\$216	\$0	\$4	\$28	\$777	\$322
California Solar Initiative Balancing Account (CSIBA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)		Y	(\$46,763)	(\$32,391)	(\$13,217)	(\$8)	(\$235)	(\$1,721)	(\$47,570)	\$0
On-Bill Financing Balancing Account (OBFBA)	Y	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Economic Practicality Shortfall Memorandum Account (EPSMA)		Y	\$497	\$0	\$0	\$0	\$0	\$0	\$0	\$506
California Solar Initiative Thermal Memorandum Account (CSITPMA)		Y	\$3,287	\$1,362	\$756	\$0	\$13	\$99	\$2,231	\$1,113
Enhanced Oil Recovery Account (EORA)	Y	Y	(\$141)	(\$110)	(\$19)	(\$0)	(\$0)	(\$1)	(\$130)	(\$7)
Environmental Fee Balance Account (EFBA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	Y	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)		Y	\$7,717	\$1,997	\$815	\$0	\$14	\$106	\$2,933	\$1,215
Honor Rancho Storage Memorandum Account (HRSMA)	Y	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interim Call Center Memorandum Account (ICCMA)	Y	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)		Y	\$61	\$16	\$6	\$0	\$0	\$1	\$23	\$10
Otay Mesa System Reliability Memorandum Account (OMSRMA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	Y	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	Y	Y	\$2,473	\$1,199	\$489	\$0	\$9	\$64	\$1,761	\$186
Noncore Fixed Cost Account (NFCA) Margin	Y	Y	\$1,582	\$0	\$0	\$0	\$0	\$0	\$0	\$818
Noncore Fixed Cost Account (NFCA) Nonmargin		Y	(\$2,952)	\$0	\$0	\$0	\$0	\$0	\$0	(\$742)
Noncore Storage Memorandum Account (NSMA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin		Y	(\$4,340)	(\$1,360)	(\$531)	(\$0)	(\$9)	(\$66)	(\$1,966)	(\$758)
Integrated Transmission Balancing Account (ITBA) Nonmargin		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Compressor Station Fuel and Power Balancing Account (CFPBA)		Y	\$3,642	\$1,141	\$446	\$0	\$8	\$55	\$1,650	\$636
Company-Use Fuel for Load Balancing Account (CUFLBA)		Y	\$313	\$80	\$33	\$0	\$1	\$4	\$117	\$49
System Reliability Memorandum Account (SRMA)		Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)		Y	(\$23,333)	(\$6,038)	(\$2,464)	(\$1)	(\$44)	(\$321)	(\$8,867)	(\$3,672)
Pension Balancing Account (PBA)	Y	Y	\$74,400	\$60,434	\$10,714	\$2	\$77	\$403	\$71,630	\$2,061
PBOP Balancing Account (PBOPBA)	Y	Y	\$17,075	\$13,870	\$2,459	\$0	\$18	\$92	\$16,439	\$473
Research Development and Demonstration Expense Account (RDDEA)	Y	Y	(\$1)	(\$1)	(\$0)	(\$0)	(\$0)	(\$0)	(\$1)	(\$0)
Research Royalty Memorandum Account (RRMA)	Y	Y	(\$70)	(\$57)	(\$10)	(\$0)	(\$0)	(\$0)	(\$67)	(\$2)
Self-Generation Program Memorandum Account (SGPMA)		Y	\$8,000	\$2,070	\$845	\$0	\$15	\$110	\$3,040	\$1,259
Rewards & Penalties Balancing Account (RPBA)	Y	Y	\$3	\$2	\$0	\$0	\$0	\$0	\$3	\$0
Total Regulatory Accounts			\$42,024	\$42,416	(\$607)	(\$5)	(\$131)	(\$1,154)	\$40,520	\$3,459

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COST COMPONENTS \$000's	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN
Regulatory Accounts										
Affiliate Transfer Fee Account (ATFA)	(\$1)	(\$4)	\$0	(\$12)	(\$0)	(\$1)	(\$0)	(\$0)	(\$2)	(\$0)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$13	\$642	\$0	\$977	\$18	\$262	\$14	\$17	\$312	\$14
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$506	\$0	\$0	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$1,113	\$0	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	(\$1)	(\$4)	\$0	(\$11)	(\$0)	(\$1)	(\$0)	(\$0)	(\$2)	(\$0)
Environmental Fee Balance Account EFBA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$49	\$2,422	\$0	\$3,686	\$67	\$990	\$54	\$65	\$1,176	\$53
Honor Rancho Storage Memorandum Account (HRMSA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	\$0	\$19	\$0	\$29	\$1	\$8	\$0	\$1	\$9	\$0
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$8	\$372	\$0	\$566	\$10	\$152	\$8	\$10	\$180	\$8
Noncore Fixed Cost Account (NFCA) Margin	\$89	\$483	\$0	\$1,390	\$21	\$153	\$21	\$15	\$211	\$8
Noncore Fixed Cost Account (NFCA) Nonmargin	(\$30)	(\$1,479)	\$0	(\$2,251)	(\$41)	(\$604)	(\$33)	(\$39)	(\$718)	(\$33)
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	(\$31)	(\$1,506)	\$0	(\$2,295)	(\$44)	\$0	(\$36)	(\$40)	(\$120)	(\$33)
Integrated Transmission Balancing Account (ITBA) Nonmargin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Compressor Station Fuel and Power Balancing Account (CFPBA)	\$26	\$1,264	\$0	\$1,926	\$37	\$0	\$30	\$34	\$101	\$28
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$2	\$97	\$5	\$152	\$3	\$40	\$2	\$3	\$47	\$2
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$150)	(\$7,322)	\$0	(\$11,144)	(\$204)	(\$2,992)	(\$163)	(\$196)	(\$3,554)	(\$161)
Pension Balancing Account (PBA)	\$224	\$1,216	\$0	\$3,502	\$54	\$385	\$53	\$39	\$530	\$21
PBOP Balancing Account (PBOPBA)	\$52	\$279	\$0	\$804	\$12	\$88	\$12	\$9	\$122	\$5
Research Development and Demonstration Expense Account (RDDEA)	(\$0)	(\$0)	\$0	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
Research Royalty Memorandum Account (RRMA)	(\$0)	(\$1)	\$0	(\$3)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
Self-Generation Program Memorandum Account (SGPMA)	\$51	\$2,511	\$0	\$3,821	\$70	\$1,026	\$56	\$67	\$1,219	\$55
Rewards & Penalties Balancing Account (RPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Regulatory Accounts	\$302	(\$1,014)	\$5	\$2,753	\$4	(\$497)	\$18	(\$17)	(\$490)	(\$32)

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COST COMPONENTS \$000's	TBS	Total Non Core	Total System \$000			Source
Regulatory Accounts						
Affiliate Transfer Fee Account (ATFA)	\$0	(\$14)	(\$267)	(\$5)	(\$262)	Reg. Acct. Update 5/2011
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	(\$1,230)	(\$21)	(\$1,209)	Reg. Acct. Update 5/2011
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$0	\$1,302	\$2,080	\$35	\$2,045	Reg. Acct. Update 5/2011
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Core Fixed Cost Account (CFCA)	\$0	\$0	(\$47,570)	(\$807)	(\$46,763)	Reg. Acct. Update 5/2011
On-Bill Financing Balancing Account (OBFBA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$506	\$506	\$9	\$497	Reg. Acct. Update 5/2011
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$1,113	\$3,344	\$57	\$3,287	Reg. Acct. Update 5/2011
Enhanced Oil Recovery Account (EORA)	\$0	(\$13)	(\$143)	(\$2)	(\$141)	Reg. Acct. Update 5/2011
Environmental Fee Balance Account (EFBA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Hazardous Substance Cost-Recovery Account (HSCRA)	\$0	\$4,915	\$7,847	\$130	\$7,717	Reg. Acct. Update 5/2011
Honor Rancho Storage Memorandum Account (HRMSA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Intervenor Award Memorandum Account (IAMA)	\$0	\$39	\$62	\$1	\$61	Reg. Acct. Update 5/2011
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
PCB Expense Account (PCBEA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Montebello True-Up Tracking Account (MTTA)	\$0	\$754	\$2,515	\$42	\$2,473	Reg. Acct. Update 5/2011
Noncore Fixed Cost Account (NFCA) Margin	\$0	\$1,609	\$1,609	\$27	\$1,582	Reg. Acct. Update 5/2011
Noncore Fixed Cost Account (NFCA) Nonmargin	\$0	(\$3,001)	(\$3,001)	(\$49)	(\$2,952)	Reg. Acct. Update 5/2011
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Integrated Transmission Balancing Account (ITBA) Margin	\$0	(\$2,448)	(\$4,415)	(\$75)	(\$4,340)	Reg. Acct. Update 5/2011
Integrated Transmission Balancing Account (ITBA) Nonmargin	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Compressor Station Fuel and Power Balancing Account (CFPBA)	\$0	\$2,054	\$3,705	\$63	\$3,642	
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$0	\$201	\$318	\$5	\$313	Reg. Acct. Update 5/2011
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	Reg. Acct. Update 5/2011
Noncore Storage Balancing Account (NSBA)	\$0	(\$14,860)	(\$23,727)	(\$394)	(\$23,333)	Reg. Acct. Update 5/2011
Pension Balancing Account (PBA)	\$0	\$4,053	\$75,683	\$1,283	\$74,400	Reg. Acct. Update 5/2011
PBOP Balancing Account (PBOPBA)	\$0	\$930	\$17,369	\$294	\$17,075	Reg. Acct. Update 5/2011
Research Development and Demonstration Expense Account (RDDEA)	\$0	(\$0)	(\$1)	(\$0)	(\$1)	Reg. Acct. Update 5/2011
Research Royalty Memorandum Account (RRMA)	\$0	(\$4)	(\$71)	(\$1)	(\$70)	Reg. Acct. Update 5/2011
Self-Generation Program Memorandum Account (SGPMA)	\$0	\$5,095	\$8,135	\$135	\$8,000	Reg. Acct. Update 5/2011
Rewards & Penalties Balancing Account (RPBA)	\$0	\$0	\$3	\$0	\$3	Reg. Acct. Update 5/2011
Total Regulatory Accounts	\$0	\$2,230	\$42,751	\$727	\$42,024	

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COST COMPONENTS \$000's	Allocation
<u>Regulatory Accounts</u>	
Affiliate Transfer Fee Account (ATFA)	EPAM ExEOR
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	ECPT ExEOR
FERC Settlement Proceeds Memorandum Account (FSPMA)	ECPT CAT Only
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	EPAM ExEOR
Firm Access & Storage Rights Memorandum Account (FARSMA)	ECPT ExEOR
California Solar Initiative Balancing Account (CSIBA)	ECPT ExEOR
G-PAL Balancing Account (GPBA)	CYTP Excl EOR
Core Fixed Cost Account (CFCA)	Core ECPT
On-Bill Financing Balancing Account (OBFBA)	EPAM ExEOR
Economic Practicality Shortfall Memorandum Account (EPSMA)	100% Noncore C&I
California Solar Initiative Thermal Memorandum Account (CSITPMA)	ECPT ex CARE Participants & EOR
Enhanced Oil Recovery Account (EORA)	EORA Allocation Factor
Environmental Fee Balance Account (EFBA)	update filing
Distribution Integrity Management Program Memorandum Account (DIMPBA)	EPAM ExEOR
Hazardous Substance Cost-Recovery Account (HSCRA)	ECPT ExEOR
Honor Rancho Storage Memorandum Account (HRSMA)	HRSMA Allocator
Interim Call Center Memorandum Account (ICCMA)	EPAM ExEOR
Intervenor Award Memorandum Account (IAMA)	ECPT ExEOR
Otay Mesa System Reliability Memorandum Account (OMSRMA)	ECPT ExEOR
Gain / Loss on Sale Memorandum Account (GLOSMA)	EPAM Excl EOR
PCB Expense Account (PCBEA)	ECPT ExEOR
Montebello True-Up Tracking Account (MTTA)	MTTA Allocation Factor
Noncore Fixed Cost Account (NFCA) Margin	NonCore EPAM ExEOR
Noncore Fixed Cost Account (NFCA) Nonmargin	NonCore ECPT ExEOR
Noncore Storage Memorandum Account (NSMA)	ECPT ExEOR
Integrated Transmission Balancing Account (ITBA) Margin	CYTP Excl. EOR & SDG&E
Integrated Transmission Balancing Account (ITBA) Nonmargin	CYTP Excl. EOR & SDG&E
Compressor Station Fuel and Power Balancing Account (CFPBA)	CYTP Excl. EOR & SDG&E
Company-Use Fuel for Load Balancing Account (CUFLBA)	ECPT Incl EOR
System Reliability Memorandum Account (SRMA)	ECPT ExEOR
Noncore Storage Balancing Account (NSBA)	ECPT ExEOR
Pension Balancing Account (PBA)	EPAM Excl EOR
PBOP Balancing Account (PBOPBA)	EPAM Excl EOR
Research Development and Demonstration Expense Account (RDDEA)	EPAM Excl EOR
Research Royalty Memorandum Account (RRMA)	EPAM Excl EOR
Self-Generation Program Memorandum Account (SGPMA)	ECPT ExEOR
Rewards & Penalties Balancing Account (RPBA)	EPAM Excl EOR
Total Regulatory Accounts	

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Allocation %

COST COMPONENTS \$000's	Total System	Resid	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG <3 mmth /yr	EG >=3 mmth /yr	EOR	Total Retail Non Core
Regulatory Accounts												
Affiliate Transfer Fee Account (ATFA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
FERC Settlement Proceeds Memorandum Account (FSPMA)	100.0%	9.3%	90.1%	0.0%	0.1%	0.5%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Firm Access & Storage Rights Memorandum Account (FARSMA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
California Solar Initiative Balancing Account (CSIBA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
G-PAL Balancing Account (GPBA)	100.0%	26.9%	10.5%	0.0%	0.2%	1.3%	38.9%	15.0%	0.6%	29.8%	0.0%	45.4%
Core Fixed Cost Account (CFCA)	100.0%	68.1%	27.8%	0.0%	0.5%	3.6%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
On-Bill Financing Balancing Account (OBFBA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Economic Practicality Shortfall Memorandum Account (EPSMA)	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
California Solar Initiative Thermal Memorandum Account (CSITPMA)	100.0%	40.7%	22.6%	0.0%	0.4%	3.0%	66.7%	33.3%	0.0%	0.0%	0.0%	33.3%
Enhanced Oil Recovery Account (EORA)	100.0%	76.6%	13.6%	0.0%	0.1%	0.5%	90.8%	4.7%	0.5%	2.8%	0.0%	8.0%
Environmental Fee Balance Account (EFBA)	100.0%	39.5%	16.1%	0.0%	0.3%	2.1%	58.0%	24.0%	0.6%	17.4%	0.0%	42.0%
Distribution Integrity Management Program Memorandum Account (DIMPBA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Hazardous Substance Cost-Recovery Account (HSCRA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Honor Rancho Storage Memorandum Account (HRMSA)	100.0%	45.4%	8.3%	0.0%	0.0%	0.3%	54.1%	0.7%	0.0%	1.5%	0.1%	2.3%
Interim Call Center Memorandum Account (ICCMA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Intervenor Award Memorandum Account (IAMA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Otay Mesa System Reliability Memorandum Account (OMSRMA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Gain / Loss on Sale Memorandum Account (GLOSMA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
PCB Expense Account (PCBEA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Montebello True-Up Tracking Account (MTTA)	100.0%	47.7%	19.4%	0.0%	0.3%	2.5%	70.0%	7.4%	0.3%	14.8%	0.0%	22.5%
Noncore Fixed Cost Account (NFCA) Margin	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.8%	5.5%	30.0%	0.0%	86.4%
Noncore Fixed Cost Account (NFCA) Nonmargin	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.7%	1.0%	49.2%	0.0%	75.0%
Noncore Storage Memorandum Account (NSMA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Integrated Transmission Balancing Account (ITBA) Margin	100.0%	30.8%	12.0%	0.0%	0.2%	1.5%	44.5%	17.2%	0.7%	34.1%	0.0%	52.0%
Integrated Transmission Balancing Account (ITBA) Nonmargin	100.0%	30.8%	12.0%	0.0%	0.2%	1.5%	44.5%	17.2%	0.7%	34.1%	0.0%	52.0%
Compressor Station Fuel and Power Balancing Account (CFPBA)	100.0%	30.8%	12.0%	0.0%	0.2%	1.5%	44.5%	17.2%	0.7%	34.1%	0.0%	52.0%
Company-Use Fuel for Load Balancing Account (CUFLBA)	100.0%	25.1%	10.2%	0.0%	0.2%	1.3%	36.8%	15.2%	0.6%	30.4%	1.5%	47.8%
System Reliability Memorandum Account (SRMA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Noncore Storage Balancing Account (NSBA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Pension Balancing Account (PBA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
PBOP Balancing Account (PBOPBA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Research Development and Demonstration Expense Account (RDDEA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Research Royalty Memorandum Account (RRMA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Self-Generation Program Memorandum Account (SGPMA)	100.0%	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	0.0%	47.0%
Rewards & Penalties Balancing Account (RPBA)	100.0%	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
Total Regulatory Accounts		99.2%	-1.4%	0.0%	-0.3%	-2.7%	94.8%	8.1%	0.7%	-2.4%	0.0%	6.4%

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COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core	1/1/2012	Forecast
Regulatory Accounts										
Affiliate Transfer Fee Account (ATFA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$0	-\$262
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$0	
FERC Settlement Proceeds Memorandum Account (FSPMA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	\$1,327	-\$1,209
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$0	
Firm Access & Storage Rights Memorandum Account (FARSMA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$2,175	\$2,045
California Solar Initiative Balancing Account (CSIBA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$0	
G-PAL Balancing Account (GPBA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	61.1%	\$0	
Core Fixed Cost Account (CFCA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-\$31,823	-\$46,763
On-Bill Financing Balancing Account (OBFBA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$1,000	
Economic Practicality Shortfall Memorandum Account (EPSMA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	\$279	\$497
California Solar Initiative Thermal Memorandum Account (CSITPMA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	\$2,791	\$3,287
Enhanced Oil Recovery Account (EORA)	0.1%	0.9%	0.1%	0.1%	1.2%	0.0%	0.0%	9.3%	\$1,018	-\$141
Environmental Fee Balance Account (EFBA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	42.0%	\$0	
Distribution Integrity Management Program Memorandum Account (DIMPBA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$0	
Hazardous Substance Cost-Recovery Account (HSCRA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$9,380	\$7,717
Honor Rancho Storage Memorandum Account (HRSMA)	0.0%	7.5%	0.0%	0.0%	7.6%	0.0%	35.9%	45.9%		\$0
Interim Call Center Memorandum Account (ICCMA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$0	
Intervenor Award Memorandum Account (IAMA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$227	\$61
Otay Mesa System Reliability Memorandum Account (OMSRMA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$0	
Gain / Loss on Sale Memorandum Account (GLOSMA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$0	
PCB Expense Account (PCBEA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$0	
Montebello True-Up Tracking Account (MTTA)	0.4%	6.1%	0.3%	0.4%	7.2%	0.3%	0.0%	30.0%	\$5,177	\$2,473
Noncore Fixed Cost Account (NFCA) Margin	1.3%	9.5%	1.3%	1.0%	13.1%	0.5%	0.0%	100.0%	\$3,074	\$1,582
Noncore Fixed Cost Account (NFCA) Nonmargin	1.4%	20.2%	1.1%	1.3%	24.0%	1.1%	0.0%	100.0%	-\$582	-\$2,952
Noncore Storage Memorandum Account (NSMA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$0	
Integrated Transmission Balancing Account (ITBA) Margin	1.0%	0.0%	0.8%	0.9%	2.7%	0.8%	0.0%	55.5%	\$2,647	-\$4,340
Integrated Transmission Balancing Account (ITBA) Nonmargin	1.0%	0.0%	0.8%	0.9%	2.7%	0.8%	0.0%	55.5%	-\$2,891	
Compressor Station Fuel and Power Balancing Account (CFPBA)	1.0%	0.0%	0.8%	0.9%	2.7%	0.8%	0.0%	55.5%	\$0	\$3,642
Company-Use Fuel for Load Balancing Account (CUFLBA)	0.8%	12.4%	0.7%	0.8%	14.8%	0.7%	0.0%	63.2%	\$510	\$313
System Reliability Memorandum Account (SRMA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$2,180	
Noncore Storage Balancing Account (NSBA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	-\$20,736	-\$23,333
Pension Balancing Account (PBA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$74,400	\$74,400
PBOP Balancing Account (PBOPBA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$17,075	\$17,075
Research Development and Demonstration Expense Account (RDDEA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$0	-\$1
Research Royalty Memorandum Account (RRMA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	-\$137	-\$70
Self-Generation Program Memorandum Account (SGPMA)	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%	0.0%	62.6%	\$8,000	\$8,000
Rewards & Penalties Balancing Account (RPBA)	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	\$4,301	\$3
Total Regulatory Accounts	0.0%	-1.2%	0.0%	0.0%	-1.1%	-0.1%	0.0%	5.2%	\$79,392	\$42,024

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COST COMPONENTS \$000's		Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I
Core Interstate Pipeline Demand Charges (IPDC)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000		\$112,144	\$1,390,619	\$237,896	\$39	\$1,645	\$8,383	\$1,638,581
EOR Revenue allocated to Other Classes \$000			(\$2,763)	(\$490)	(\$0)	(\$4)	(\$18)	(\$3,275)
EOR Costs allocated to Other Classes \$000			\$2,889	\$512	\$0	\$4	\$19	\$3,425
Gas Engine Rate CAP adjustment	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/Sl, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr		\$1,390,745	\$237,918	\$39	\$1,645	\$8,384	\$1,638,731	\$50,399
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr		2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295
Average Rate w/oFAR \$/th		\$0.56009	\$0.23482	\$0.06793	\$0.09148	\$0.06355	\$0.44937	\$0.03337
FFU Rate		101.73%	101.73%	101.73%	101.73%	101.73%		101.73%
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr		2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295
Sempra Wide & TLS Adjustments::								
Transport Rev Req w/Sl, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr		\$1,390,745	\$237,918	\$39	\$1,645	\$8,384	\$1,638,731	\$50,399
SW NGV Adjustment						\$63	\$63	
SW EG Adjustment							\$0	
TLS Adjustment								
Amount allocated to TLS Class \$000							\$0	(\$5,715)
TLS revenue paid by class @ average TLS rate \$000							\$0	\$8,463
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr		\$1,390,745	\$237,918	\$39	\$1,645	\$8,446	\$1,638,794	\$53,148
Rate Tables difference		\$1,390,745	\$237,918	\$39	\$1,645	\$8,446	\$1,638,794	\$53,148
		\$0	\$0	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr		2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295
Average Rate w/oBTS \$/th		\$0.56009	\$0.23482	\$0.06793	\$0.09148	\$0.06403	\$0.44939	\$0.03519
Rate Tables difference		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
BTS w/FFU Charge \$000		\$43,978	\$17,184	\$9	\$291	\$2,134	\$63,596	\$24,500
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr		\$1,434,722	\$255,103	\$48	\$1,936	\$10,580	\$1,702,390	\$77,647
Average Rate w/ BTS \$/th		\$0.57781	\$0.25178	\$0.08411	\$0.10766	\$0.08021	\$0.46683	\$0.05141

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COST COMPONENTS \$000's	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$5,231	\$30,430	\$3,619	\$89,674	\$1,318	\$9,966	\$1,268	\$965	\$13,518	\$533
EOR Revenue allocated to Other Classes \$000	(\$10)	(\$56)		(\$160)	(\$2)	(\$18)	(\$2)	(\$2)	(\$24)	(\$1)
EOR Costs allocated to Other Classes \$000	\$11	\$58	(\$3,619)	(\$3,451)	\$3	\$18	\$3	\$2	\$25	\$1
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/Sl, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$5,232	\$30,433	\$0	\$86,063	\$1,318	\$9,967	\$1,268	\$965	\$13,519	\$533
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	61,537	3,011,386		4,583,218	84,077	1,233,373	67,171	80,602	1,465,224	66,380
Average Rate w/oFAR \$/th	\$0.08502	\$0.01011	\$0.00000	\$0.01878	\$0.01568	\$0.00808	\$0.01888	\$0.01198	\$0.00923	\$0.00803
FFU Rate	101.73%	101.73%	100.00%		101.48%	101.48%	101.48%	101.48%		101.48%
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	61,537	3,011,386	149,770	4,732,988	84,077	1,233,373	67,171	80,602	1,465,224	66,380
Sempra Wide & TLS Adjustments::										
Transport Rev Req w/Sl, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr		\$35,664		\$86,063	\$1,318	\$9,967	\$1,268	\$965	\$13,519	\$533
SW NGV Adjustment				\$0					\$0	
SW EG Adjustment		(\$343)		(\$343)					\$0	
TLS Adjustment										
Amount allocated to TLS Class \$000		(\$25,038)		(\$30,753)	(\$1,318)		(\$1,268)	(\$965)	(\$3,552)	(\$533)
TLS revenue paid by class @ average TLS rate \$000		\$34,426		\$42,889	\$1,051		\$840	\$1,008	\$2,898	\$830
		\$9,387		\$12,136	(\$267)	\$0	(\$429)	\$42	(\$654)	\$297
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr		\$44,708		\$97,856	\$1,051	\$9,967	\$840	\$1,008	\$12,866	\$830
Rate Tables difference		\$44,708		\$97,856	\$1,051	\$9,967	\$840	\$1,008	\$12,866	\$830
		\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr										
		3,072,923		4,583,218	84,077	1,233,373	67,171	80,602	1,465,224	66,380
Average Rate w/oBTS \$/th		\$0.01455		\$0.02135	\$0.01250	\$0.00808	\$0.01250	\$0.01250	\$0.00878	\$0.01250
Rate Tables difference		\$0.01455		\$0.02135	\$0.01250	\$0.00808	\$0.01250	\$0.01250		\$0.01250
		\$0.00000		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		\$0.00000
BTS w/FFU Charge \$000										
	\$996	\$48,716	\$2,423	\$76,634	\$1,434	\$20,340	\$1,164	\$1,304	\$24,241	\$1,074
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr	\$996	\$93,425	\$2,423	\$174,490	\$2,485	\$30,307	\$2,003	\$2,312	\$37,107	\$1,904
Average Rate w/ BTS \$/th	\$0.01618	\$0.03102		\$0.03807	\$0.02955	\$0.02457	\$0.02983	\$0.02868	\$0.02533	\$0.02868

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COST COMPONENTS \$000's	TBS	Total Non Core	Total System \$000			Source
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	2009FC @ 9/10/2007
Core Averaging	\$0	\$0	\$0	\$0	\$0	Misc Input
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$26,476	\$130,201	\$1,768,782			
EOR Revenue allocated to Other Classes \$000	\$0	(\$185)	(\$3,461)			EOR
EOR Costs allocated to Other Classes \$000	\$0	(\$3,425)	\$0			EOR
Gas Engine Rate CAP adjustment	\$0	\$0	\$0			G-EN
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$26,476	\$126,591	\$1,765,322			
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	0	6,114,821	9,761,522			Alloc Factors
Average Rate w/oFAR \$/th	\$0.00000	\$0.02070	\$0.18084			
FFU Rate	101.73%					Misc Inpcut
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	0	6,264,591	9,911,292			
Sempra Wide & TLS Adjustments::						
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$26,476	\$126,591	\$1,765,322			
SW NGV Adjustment		\$0	\$63			
SW EG Adjustment		(\$343)	(\$343)			
TLS Adjustment						
Amount allocated to TLS Class \$000		(\$34,838)	(\$34,838)			
TLS revenue paid by class @ average TLS rate \$000		\$46,617	\$46,617			
	\$0	\$11,779	\$11,779			
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr	\$26,476	\$138,027	\$1,776,821			
<i>Rate Tables difference</i>	<i>\$26,476</i>	<i>\$138,027</i>	<i>\$1,776,821</i>			
	\$0	\$0	\$0			
AYTP Mth/yr		6,114,821	9,761,522			
Average Rate w/oBTS \$/th		\$0.02257	\$0.18202			
<i>Rate Tables difference</i>			<i>\$0.18202</i>			
			\$0.00000			
BTS w/FFU Charge \$000	\$0	\$101,949	\$165,545			SI & FAR
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr	\$26,476	\$239,977	\$1,942,366			
Average Rate w/ BTS \$/th		\$0.03925	\$0.19898			

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COST COMPONENTS \$000's	Allocation
Core Interstate Pipeline Demand Charges (IPDC)	Core ECPT
Core Averaging	Res & CCI
<u>Transport Rev Req before EOR & G-EN CAP adjustments \$000</u>	
<u>EOR Revenue allocated to Other Classes \$000</u>	
<u>EOR Costs allocated to Other Classes \$000</u>	
Gas Engine Rate CAP adjustment	Core EPAM excl G-EN
<u>Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr</u>	
<u>AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr</u>	
Average Rate w/oFAR \$/th	
FFU Rate	
<u>AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr</u>	
Sempra Wide & TLS Adjustments::	
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	
SW NGV Adjustment	
SW EG Adjustment	
TLS Adjustment	
Amount allocated to TLS Class \$000	
TLS revenue paid by class @ average TLS rate \$000	
<u>Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr</u>	
<i>Rate Tables</i>	
<i>difference</i>	
AYTP Mth/yr	
<u>Average Rate w/oBTS \$/th</u>	
<i>Rate Tables</i>	
<i>difference</i>	
<u>BTS w/FFU Charge \$000</u>	
<u>Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr</u>	
<u>Average Rate w/ BTS \$/th</u>	

Allocation %

COST COMPONENTS \$000's	Total System	Resid	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG <3 mmth /yr	EG >=3 mmth /yr	EOR	Total Retail Non Core
Core Interstate Pipeline Demand Charges (IPDC)	100.0%	68.1%	27.8%	0.0%	0.5%	3.6%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Core Averaging	0.0%	100.0%	-100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transport Rev Req before EOR & G-EN CAP adjustments \$000												
EOR Revenue allocated to Other Classes \$000												
EOR Costs allocated to Other Classes \$000												
Gas Engine Rate CAP adjustment	0.0%	84.5%	15.0%	0.0%	-100.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr												
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr												
Average Rate w/oFAR \$/th												
FFU Rate												
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr												

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr

SW NGV Adjustment

SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables
 difference

AYTP Mth/yr

Average Rate w/oBTS \$/th

Rate Tables
 difference

BTS w/FFU Charge \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr

Average Rate w/ BTS \$/th

SoCalGas Cost Allocation
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core
Core Interstate Pipeline Demand Charges (IPDC)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Core Averaging	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transport Rev Req before EOR & G-EN CAP adjustments \$000								
EOR Revenue allocated to Other Classes \$000								
EOR Costs allocated to Other Classes \$000								
Gas Engine Rate CAP adjustment	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transport Rev Req w/Sl, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr								
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr								
Average Rate w/oFAR \$/th								
FFU Rate								
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr								
Sempra Wide & TLS Adjustments::								
Transport Rev Req w/Sl, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr								
SW NGV Adjustment								
SW EG Adjustment								
TLS Adjustment								
Amount allocated to TLS Class \$000								
TLS revenue paid by class @ average TLS rate \$000								
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr								
<i>Rate Tables difference</i>								
AYTP Mth/yr								
Average Rate w/oBTS \$/th								
<i>Rate Tables difference</i>								
BTS w/FFU Charge \$000								
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr								
Average Rate w/ BTS \$/th								

SCG Allocation Factors

2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2	EOR
INPUT:										
<i>BCAP Period = 2013-2015</i>										
<i>Peak Month = Usage during month of December during a Cold Year</i>										
<i>Peak Day = peak day use under 1:35 year condition for core; under 1:10 year condition for noncore</i>										
DIRECT (%s Load or Cust/Mtrs Sum to 100%)										
Transmission										
Average Year Throughput (MTh)	107	8,666	0	721	30,892	40,386	639,338	19,334	2,537,535	69,256
Cold Year Throughput (1-in-35) (MTh)	117	9,086	0	721	30,892	40,816	639,705	19,334	2,537,535	69,256
Cold Year Peak Month (December) (MTh)	18	1,030	0	29	3,134	4,211	55,034	1,082	191,602	5,884
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	1	52	0	1	101	155	1,791	37	7,640	190
Number of Customers	23	88	0	17	6	134	35	17	35	15
High Pressure										
Average Year Throughput (MTh)	9,807	45,186	225	3,158	53,966	112,341	563,346	18,718	448,474	80,408
Cold Year Throughput (1-in-35) (MTh)	10,737	47,374	225	3,158	53,966	115,459	564,698	18,718	448,474	80,408
Cold Year Peak Month (December) (MTh)	1,627	5,371	14	126	5,475	12,613	43,790	1,151	34,166	6,827
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	98	270	0	4	177	549	1,470	58	1,216	220
Number of Customers	7,151	2,684	2	210	89	10,137	247	35	27	15
Medium Pressure										
Average Year Throughput (MTh)	2,473,139	959,325	351	14,105	47,054	3,493,974	307,611	23,485	25,377	106
Cold Year Throughput (1-in-35) (MTh)	2,707,617	1,005,784	351	14,105	47,054	3,774,910	310,043	23,485	25,377	106
Cold Year Peak Month (December) (MTh)	410,330	114,032	22	562	4,774	529,719	24,786	1,941	2,110	9
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	24,804	5,731	1	18	154	30,708	903	63	72	0
Number of Customers	5,541,680	207,678	7	472	201	5,750,038	399	90	4	2
CUMULATIVE (Calc'd from DIRECT %s)										
Transmission										
Average Year Throughput (MTh)	2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295	61,537	3,011,386	149,770
Cold Year Throughput (1-in-35) (MTh)	2,718,471	1,062,244	575	17,984	131,912	3,931,186	1,514,446	61,537	3,011,386	149,770
Cold Year Peak Month (December) (MTh)	411,974	120,434	36	716	13,382	546,543	123,610	4,174	227,877	12,720
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	24,904	6,052	1	23	432	31,412	4,163	158	8,928	410
Number of Customers	5,548,854	210,450	9	700	296	5,760,309	682	142	66	32
High Pressure										
Average Year Throughput (MTh)	2,482,946	1,004,511	575	17,263	101,020	3,606,315	870,957	42,203	473,851	80,514
Cold Year Throughput (1-in-35) (MTh)	2,718,354	1,053,158	575	17,263	101,020	3,890,370	874,741	42,203	473,851	80,514
Cold Year Peak Month (December) (MTh)	411,957	119,404	36	687	10,248	542,332	68,576	3,092	36,275	6,836
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	24,903	6,001	1	22	331	31,257	2,372	120	1,288	221
Number of Customers	5,548,831	210,362	9	683	290	5,760,174	647	125	31	17
Medium Pressure										
Average Year Throughput (MTh)	2,473,139	959,325	351	14,105	47,054	3,493,974	307,611	23,485	25,377	106
Cold Year Throughput (1-in-35) (MTh)	2,707,617	1,005,784	351	14,105	47,054	3,774,910	310,043	23,485	25,377	106
Cold Year Peak Month (December) (MTh)	410,330	114,032	22	562	4,774	529,719	24,786	1,941	2,110	9
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	24,804	5,731	1	18	154	30,708	903	63	72	0
Number of Customers	5,541,680	207,678	7	472	201	5,750,038	399	90	4	2
AYSales Mth/y										
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$1,297,484	\$230,033	\$40	\$1,649	\$8,652	\$1,537,858	\$44,257	\$4,820	\$26,104	\$3,357

SCG Allocation Factors

2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total NonCore	Total System
INPUT:										
<i>BCAP Period = 2013-2015</i>										
<i>Peak Month = Usage during month of December during a Cold Year</i>										
<i>Peak Day = peak day use under 1:35 year condition for core; under 1:10 year condition for noncore</i>										
DIRECT (%s Load or Cust/Mtrs Sum to 100%)										
Transmission										
Average Year Throughput (MTh)	3,265,463	84,077	1,233,373	67,171	80,602	1,465,224	66,380		4,797,067	4,837,453
Cold Year Throughput (1-in-35) (MTh)	3,265,831	88,619	1,274,770	71,940	80,602	1,515,931	66,380		4,848,141	4,888,957
Cold Year Peak Month (December) (MTh)	253,602	10,286	139,459	11,186	9,105	170,035	5,313		428,950	433,161
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	9,658	623	5,925	594	294	7,435	171		17,265	17,420
Number of Customers	103	1	1	1	1	4	1		108	242
High Pressure										
Average Year Throughput (MTh)	1,110,946	0	0	0	0	0	0		1,110,946	1,223,288
Cold Year Throughput (1-in-35) (MTh)	1,112,299	0	0	0	0	0	0		1,112,299	1,227,758
Cold Year Peak Month (December) (MTh)	85,934	0	0	0	0	0	0		85,934	98,547
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	2,964	0	0	0	0	0	0		2,964	3,513
Number of Customers	324	0	0	0	0	0	0		324	10,461
Medium Pressure										
Average Year Throughput (MTh)	356,578	0	0	0	0	0	0		356,578	3,850,551
Cold Year Throughput (1-in-35) (MTh)	359,010	0	0	0	0	0	0		359,010	4,133,920
Cold Year Peak Month (December) (MTh)	28,845	0	0	0	0	0	0		28,845	558,564
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	1,037	0	0	0	0	0	0		1,037	31,745
Number of Customers	495	0	0	0	0	0	0		495	5,750,533
CUMULATIVE (Calc'd from DIRECT %s)										
Transmission										
Average Year Throughput (MTh)	4,732,988	84,077	1,233,373	67,171	80,602	1,465,224	66,380		6,264,591	9,911,292
Cold Year Throughput (1-in-35) (MTh)	4,737,139	88,619	1,274,770	71,940	80,602	1,515,931	66,380		6,319,449	10,250,635
Cold Year Peak Month (December) (MTh)	368,381	10,286	139,459	11,186	9,105	170,035	5,313		543,729	1,090,272
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	13,659	623	5,925	594	294	7,435	171		21,266	52,678
Number of Customers	922	1	1	1	1	4	1		927	5,761,236
High Pressure										
Average Year Throughput (MTh)	1,467,524	0	0	0	0	0	0		1,467,524	5,073,839
Cold Year Throughput (1-in-35) (MTh)	1,471,308	0	0	0	0	0	0		1,471,308	5,361,678
Cold Year Peak Month (December) (MTh)	114,779	0	0	0	0	0	0		114,779	657,111
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	4,001	0	0	0	0	0	0		4,001	35,258
Number of Customers	820	0	0	0	0	0	0		820	5,760,994
Medium Pressure										
Average Year Throughput (MTh)	356,578	0	0	0	0	0	0		356,578	3,850,551
Cold Year Throughput (1-in-35) (MTh)	359,010	0	0	0	0	0	0		359,010	4,133,920
Cold Year Peak Month (December) (MTh)	28,845	0	0	0	0	0	0		28,845	558,564
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	1,037	0	0	0	0	0	0		1,037	31,745
Number of Customers	495	0	0	0	0	0	0		495	5,750,533
AYSales Mth/y										
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$78,537	\$1,165	\$8,281	\$1,131	\$839	\$11,416	\$447	\$26,476	\$116,876	\$1,654,734

SCG Allocation Factors

2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2	EOR
Calculation of Allocation Factors:										
Cumulative Transmission # Customers	5,548,854	210,450	9	700	296	5,760,309	682	142	66	32
Cumulative Transmission AYTP Mth/yr	2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295	61,537	3,011,386	149,770
AYTP TP System	25.1%	10.2%	0.0%	0.2%	1.3%	36.8%	15.2%	0.6%	30.4%	1.5%
AYTP System Excl. EOR	25.4%	10.4%	0.0%	0.2%	1.4%	37.4%	15.5%	0.6%	30.8%	
AYTP System Excl. SDG&E+EOR	29.1%	11.9%	0.0%	0.2%	1.5%	42.8%	17.7%	0.7%	35.3%	
AYTP Core + Retail Noncore Only	29.6%	12.1%	0.0%	0.2%	1.6%	43.5%	18.0%	0.7%	35.9%	1.8%
AYTP Core Only	68.1%	27.8%	0.0%	0.5%	3.6%	100.0%				
AYTP Core Only Excl. A/C + Gas Eng	68.4%	27.9%			3.6%	100.0%				
AYTP Core Only Excl. Residential		98.2%	0.1%	1.7%	12.8%	112.8%				
AYTP Noncore Only						-	24.1%	1.0%	48.1%	2.4%
AYTP Noncore Only Excl. EOR						-	24.7%	1.0%	49.2%	
AYTP Noncore Retail Excl. EOR+WS+Int'l						-	33.0%	1.3%	65.7%	
Cumulative Transmission CYTP Mth/yr	2,718,471	1,062,244	575	17,984	131,912	3,931,186	1,514,446	61,537	3,011,386	149,770
CYTP System	26.5%	10.4%	0.0%	0.2%	1.3%	38.4%	14.8%	0.6%	29.4%	1.5%
CYTP System Excl. EOR	26.9%	10.5%	0.0%	0.2%	1.3%	38.9%	15.0%	0.6%	29.8%	
CYTP System Excl. SDG&E	30.3%	11.8%	0.0%	0.2%	1.5%	43.8%	16.9%	0.7%	33.5%	1.7%
CYTP Excl. EOR & SDG&E	30.8%	12.0%	0.0%	0.2%	1.5%	44.5%	17.2%	0.7%	34.1%	
CYTP Core +Retail Noncore Only	31.4%	12.3%	0.0%	0.2%	1.5%	45.4%	17.5%	0.7%	34.7%	1.7%
CYTP Core Only	69.2%	27.0%	0.0%	0.5%	3.4%	100.0%				
CYTP Noncore Only						-	24.0%	1.0%	47.7%	2.4%
CYTP Noncore ExEOR						-	24.5%	1.0%	48.8%	
CYTP Noncore Retail Excl. WS+Int'l						-	32.0%	1.3%	63.6%	3.2%
Cumulative Transmission CYCPM Mth/mo	411,974	120,434	36	716	13,382	546,543	123,610	4,174	227,877	12,720
CYCPM System Total	37.8%	11.0%	0.0%	0.1%	1.2%	50.1%	11.3%	0.4%	20.9%	1.2%
CYCPM System Excl. EOR	38.2%	11.2%	0.0%	0.1%	1.2%	50.7%	11.5%	0.4%	21.1%	
CYCPM System Excl. Wholesale	43.3%	12.7%	0.0%	0.1%	1.4%	57.5%	13.0%	0.4%	24.0%	1.3%
CYCPM Core +Retail Noncore Only	45.0%	13.2%	0.0%	0.1%	1.5%	59.7%	13.5%	0.5%	24.9%	1.4%
CYCPM Core Only	75.4%	22.0%	0.0%	0.1%	2.4%	100.0%				
CYCPM Noncore Only						-	22.7%	0.8%	41.9%	2.3%
CYCPM Noncore Retail Excl. WS+Int'l						-	33.6%	1.1%	61.9%	3.5%

SCG Allocation Factors
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total NonCore	Total System
Calculation of Allocation Factors:										
Cumulative Transmission # Customers	922	1	1	1	1	4	1	0	927	5,761,236
Cumulative Transmission AYTP Mth/yr	4,732,988	84,077	1,233,373	67,171	80,602	1,465,224	66,380	0	6,264,591	9,911,292
AYTP TP System	47.8%	0.8%	12.4%	0.7%	0.8%	14.8%	0.7%		63.2%	100.0%
AYTP System Excl. EOR	47.0%	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%		62.6%	100.0%
AYTP System Excl. SDG&E+EOR	53.7%	1.0%		0.8%	0.9%	2.7%	0.8%		57.2%	100.0%
AYTP Core + Retail Noncore Only	56.5%					0.0%			56.5%	100.0%
AYTP Core Only	-					-			0.0%	100.0%
AYTP Core Only Excl. A/C + Gas Eng	-					-			0.0%	100.0%
AYTP Core Only Excl. Residential	-					-			0.0%	112.8%
AYTP Noncore Only	75.6%	1.3%	19.7%	1.1%	1.3%	23.4%	1.1%		100.0%	100.0%
AYTP Noncore Only Excl. EOR	75.0%	1.4%	20.2%	1.1%	1.3%	24.0%	1.1%		100.0%	100.0%
AYTP Noncore Retail Excl. EOR+WS+Int'l	100.0%					0.0%			100.0%	100.0%
Cumulative Transmission CYTP Mth/yr	4,737,139	88,619	1,274,770	71,940	80,602	1,515,931	66,380	0	6,319,449	10,250,635
CYTP System	46.2%	0.9%	12.4%	0.7%	0.8%	14.8%	0.6%		61.6%	100.0%
CYTP System Excl. EOR	45.4%	0.9%	12.6%	0.7%	0.8%	15.0%	0.7%		61.1%	100.0%
CYTP System Excl. SDG&E	52.8%	1.0%	n/a	0.8%	0.9%	2.7%	0.7%		56.2%	100.0%
CYTP Excl. EOR & SDG&E	52.0%	1.0%		0.8%	0.9%	2.7%	0.8%		55.5%	100.0%
CYTP Core +Retail Noncore Only	54.6%					0.0%			54.6%	100.0%
CYTP Core Only	-					-			0.0%	100.0%
CYTP Noncore Only	75.0%	1.4%	20.2%	1.1%	1.3%	24.0%	1.1%		100.0%	100.0%
CYTP Noncore ExEOR	74.4%	1.4%	20.7%	1.2%	1.3%	24.6%	1.1%		100.0%	100.0%
CYTP Noncore Retail Excl. WS+Int'l	100.0%					0.0%			100.0%	100.0%
Cumulative Transmission CYPM Mth/mo	368,381	10,286	139,459	11,186	9,105	170,035	5,313	0	543,729	1,090,272
CYCPM System Total	33.8%	0.9%	12.8%	1.0%	0.8%	15.6%	0.5%		49.9%	100.0%
CYCPM System Excl. EOR	33.0%	1.0%	12.9%	1.0%	0.8%	15.8%	0.5%		49.3%	100.0%
CYCPM System Excl. Wholesale	38.7%	1.1%	n/a	1.2%	1.0%	3.2%	0.6%		42.5%	100.0%
CYCPM Core +Retail Noncore Only	40.3%					0.0%			40.3%	100.0%
CYCPM Core Only	-					-			0.0%	100.0%
CYCPM Noncore Only	67.8%	1.9%	25.6%	2.1%	1.7%	31.3%	1.0%		100.0%	100.0%
CYCPM Noncore Retail Excl. WS+Int'l	100.0%					0.0%			100.0%	100.0%

SCG Allocation Factors

2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2	EOR
Cumulative Transmission Peak Day Mth/day	24,904	6,052	1	23	432	31,412	4,163	158	8,928	410
PDD System Total	47.3%	11.5%	0.0%	0.0%	0.8%	59.6%	7.9%	0.3%	16.9%	0.8%
PDD System Excl. EOR	47.6%	11.6%	0.0%	0.0%	0.8%	60.1%	8.0%	0.3%	17.1%	
PDD System Excl. Wholesale	53.3%	12.9%	0.0%	0.0%	0.9%	67.2%	8.9%	0.3%	19.1%	0.9%
PDD Core +Retail Noncore Only	55.3%	13.4%	0.0%	0.1%	1.0%	69.7%	9.2%	0.3%	19.8%	0.9%
PDD Core Only	79.3%	19.3%	0.0%	0.1%	1.4%	100.0%				
PDD Noncore Only						-	19.6%	0.7%	42.0%	1.9%
PDD Noncore Retail Excl. WS+Int'l						-	30.5%	1.2%	65.4%	3.0%

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$1,297,484	\$230,033	\$40	\$1,649	\$8,652	\$1,537,858	\$44,257	\$4,820	\$26,104	\$3,357
EPAM All	78.4%	13.9%	0.0%	0.1%	0.5%	92.9%	2.7%	0.3%	1.6%	0.2%
EPAM All Excl. Unbundled Storage	79.7%	14.1%	0.0%	0.1%	0.5%	94.4%	2.7%	0.3%	1.6%	0.2%
EPAM All Excl. Unbundled Storage + SDG&E	80.1%	14.2%	0.0%	0.1%	0.5%	94.9%	2.7%	0.3%	1.6%	0.2%
EPAM All Excl. Unbundled Storage + EOR	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	
EPAM All Excl. Unbundled Storage + EOR + Gas Eng	79.9%	14.2%	0.0%		0.5%	94.6%	2.7%	0.3%	1.6%	
Core EPAM Only	84.4%	15.0%	0.0%	0.1%	0.6%	100.0%	0.0%	0.0%	0.0%	0.0%
Core EPAM excl G-EN	84.5%	15.0%	0.0%	-100%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%
Noncore EPAM, Excl. Unbundled Storage + EOR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.8%	5.5%	30.0%	

Calculation of LUAF Allocator:

Method #2 - 71% core @ ECPT / 29% noncore @ ECPT (incl EOR)

Core ECPT	68.1%	27.8%	0.0%	0.5%	3.6%	100.0%	0.0%	0.0%	0.0%	0.0%
NonCore ECPT Include EOR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.1%	1.0%	48.1%	2.4%
% Core	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%
% Noncore	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%
% LUAF Allocation	48.3%	19.7%	0.0%	0.4%	2.6%	71.0%	7.0%	0.3%	13.9%	0.7%

AYTP CAT Customers:

CAT Volumes in 2008 Rates Mth/yr	8,732	84,283	0	89	492	93,595				
System AYTP in 2008 Rates (includes NGV) Mth/yr	2,483,053	1,013,177	575	17,984	131,912	3,646,701				
CAT Volumes as % total, by class, in 2008 rates	0.4%	8.3%	0.0%	0.5%	0.4%	2.6%				
2013TCAP AYTP Mth/yr	2,483,053	1,013,177	575	17,984	131,912	3,646,701				
2013TCAP CAT Volumes Mth/yr	8,732	84,283	0	89	492	93,595	0	0	0	0
ECPT CAT	9.3%	90.1%	0.0%	0.1%	0.5%	100.0%	0.0%	0.0%	0.0%	0.0%

SCG Allocation Factors

2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total NonCore	Total System
Cumulative Transmission Peak Day Mth/day	13,659	623	5,925	594	294	7,435	171	0	21,266	52,678
PDD System Total	25.9%	1.2%	11.2%	1.1%	0.6%	14.1%	0.3%		40.4%	100.0%
PDD System Excl. EOR	25.3%	1.2%	11.3%	1.1%	0.6%	14.2%	0.3%		39.9%	100.0%
PDD System Excl. Wholesale	29.2%	1.3%	n/a	1.3%	0.6%	3.2%	0.4%		32.8%	100.0%
PDD Core +Retail Noncore Only	30.3%					0.0%			30.3%	100.0%
PDD Core Only	-					-			0.0%	100.0%
PDD Noncore Only	64.2%	2.9%	27.9%	2.8%	1.4%	35.0%	0.8%		100.0%	100.0%
PDD Noncore Retail Excl. WS+Int'l	100.0%					0.0%			100.0%	100.0%

Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$78,537	\$1,165	\$8,281	\$1,131	\$839	\$11,416	\$447	\$26,476	\$116,876	\$1,654,734
EPAM All	4.7%	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	1.6%	7.1%	100.0%
EPAM All Excl. Unbundled Storage	4.8%	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%		5.6%	100.0%
EPAM All Excl. Unbundled Storage + SDG&E	4.8%	0.1%	n/a	0.1%	0.1%	0.2%	0.0%		5.1%	100.0%
EPAM All Excl. Unbundled Storage + EOR	4.6%	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%		5.4%	100.0%
EPAM All Excl. Unbundled Storage + EOR + Gas Eng	4.6%	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%		5.4%	100.0%
Core EPAM Only	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Core EPAM excl G-EN	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Noncore EPAM, Excl. Unbundled Storage + EOR	86.4%	1.3%	9.5%	1.3%	1.0%	13.1%	0.5%		100.0%	100.0%

Calculation of LUAF Allocator:

Method #2 - 71% core @ ECPT / 29% noncore @ ECPT (incl EOR)

Core ECPT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
NonCore ECPT Include EOR	75.6%	1.3%	19.7%	1.1%	1.3%	23.4%	1.1%	0.0%	100.0%	100.0%
% Core	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%	71.0%
% Noncore	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%
% LUAF Allocation	21.9%	0.4%	5.7%	0.3%	0.4%	6.8%	0.3%	0.0%	29.0%	100.0%

2009BCAP Te

AYTP CAT Customers:

CAT Volumes in 2008 Rates Mth/yr	0					0			0	93,595
System AYTP in 2008 Rates (includes NGV) Mth/yr	0					0			0	3,646,701
CAT Volumes as % total, by class, in 2008 rates										2.6%
2013TCAP AYTP Mth/yr	0					0			0	3,646,701
2013TCAP CAT Volumes Mth/yr	0	0	0	0	0	0	0	0	0	93,595
ECPT CAT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

SCG Allocation Factors

2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2	EOR
California Solar Initiative Thermal Memorandum Account (CSITMA):										
AYTP Mth/yr all customers Mth/y	2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295	61,537	3,011,386	149,770
CARE Participants Mth/y	(662,758)	0	0	0	0	(662,758)	0	0	0	0
SGIP Exempt Mth/y	0	0	0	0	0	0	0	0	0	0
EOR Mth/y	0	0	0	0	0	0	0	0	0	(149,770)
EG Exempt Mth/y	0	0	0	0	0	0	0	(61,537)	(3,011,386)	0
Constitutionally Exempt Mth/y	(2,861)	(3,722)	0	0	(45)	(6,628)	(25,242)	0	0	0
Wholesale Exempt Mth/y	0	0	0	0	0	0	0	0	0	0
AYTP Mth/yr excl CARE Participant & EOR Mth/y	1,817,434	1,009,456	575	17,984	131,867	2,977,315	1,485,052	0	0	0
% ECPT excl CARE Participants & EOR	40.7%	22.6%	0.0%	0.4%	3.0%	66.7%	33.3%	0.0%	0.0%	0.0%
CSI Thermal Program memorandum Account (\$000)										
CSITMA Adder to Volumetric Rate										

EORA Allocation Factor:

90.75% Core EPAM & 9.25% NonCore EPAM excl EOR

Core EPAM Only	84.4%	15.0%	0.0%	0.1%	0.6%	100.0%	0.0%	0.0%	0.0%	0.0%
Core share	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%
	76.6%	13.6%	0.0%	0.1%	0.5%	90.8%	0.0%	0.0%	0.0%	0.0%
Noncore EPAM, Excl. Unbundled Storage + EOR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	50.8%	5.5%	30.0%	0.0%
NonCore share	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.7%	0.5%	2.8%	0.0%
EORA Allocation Factor	76.6%	13.6%	0.0%	0.1%	0.5%	90.8%	4.7%	0.5%	2.8%	0.0%

Cost Allocation for Montebello True-Up Tracking Account (MTTA)

70%Core/Allocate Core ECPT,30%NonCore/Allocate NonCore ECPT Ex EOR

AYTP Core Only	68.1%	27.8%	0.0%	0.5%	3.6%	100.0%	0.0%	0.0%	0.0%	0.0%
Core share	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
	47.7%	19.4%	0.0%	0.3%	2.5%	70.0%	0.0%	0.0%	0.0%	0.0%
AYTP Noncore Only Excl. EOR	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.7%	1.0%	49.2%	0.0%
NonCore share	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.4%	0.3%	14.8%	0.0%
MTTA Allocation Factor	47.7%	19.4%	0.0%	0.3%	2.5%	70.0%	7.4%	0.3%	14.8%	0.0%

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y	2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295	61,537	3,011,386	149,770
Less: AB32Fees Exempt Customers Mth/y	0	0	0	0	0	0	0	(23,865)	(1,914,853)	(149,770)
AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y	2,483,053	1,013,177	575	17,984	131,912	3,646,701	1,510,295	37,672	1,096,533	0
% ECPT AB32 Fee Non-Exempt	39.5%	16.1%	0.0%	0.3%	2.1%	58.0%	24.0%	0.6%	17.4%	0.0%

SCG Allocation Factors

2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total NonCore	Total System
California Solar Initiative Thermal Memorandum Account (CSITMA):										
AYTP Mth/yr all customers Mth/y	4,732,988	84,077	1,233,373	67,171	80,602	1,465,224	66,380	0	6,264,591	9,911,292
CARE Participants Mth/y	0	0	0	0	0	0	0	0	0	(662,758)
SGIP Exempt Mth/y	0	0	0	0	0	0	0	0	0	0
EOR Mth/y	(149,770)	0	0	0	0	0	0	0	(149,770)	(149,770)
EG Exempt Mth/y	(3,072,923)	0	0	0	0	0	0	0	(3,072,923)	(3,072,923)
Constitutionally Exempt Mth/y	(25,242)	0	0	0	0	0	0	0	(25,242)	(31,870)
Wholesale Exempt Mth/y	0	(84,077)	(1,233,373)	(67,171)	(80,602)	(1,465,224)	(66,380)	0	(1,531,603)	(1,531,603)
AYTP Mth/yr excl CARE Participant & EOR Mth/y	1,485,052	0	0	0	0	0	0	0	1,485,052	4,462,367
% ECPT excl CARE Participants & EOR	33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	100.0%
CSI Thermal Program memoradum Account (\$000)										\$3,344
CSITMA Adder to Volumetric Rate										\$0.00075

EORA Allocation Factor:

90.75% Core EPAM & 9.25% NonCore EPAM excl EOR

Core EPAM Only	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Core share	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%	90.75%
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.8%
Noncore EPAM, Excl. Unbundled Storage + EOR	86.4%	1.3%	9.5%	1.3%	1.0%	13.1%	0.5%	0.0%	100.0%	100.0%
NonCore share	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%
	8.0%	0.1%	0.9%	0.1%	0.1%	1.2%	0.0%	0.0%	9.3%	9.3%
EORA Allocation Factor	8.0%	0.1%	0.9%	0.1%	0.1%	1.2%	0.0%	0.0%	9.3%	100.0%

Cost Allocation for Montebello True-Up Tracking Account (MTTA)

70%Core/Allocate Core ECPT,30%NonCore/Allocate NonCore ECPT Ex EOF

AYTP Core Only	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Core share	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70.0%
AYTP Noncore Only Excl. EOR	75.0%	1.4%	20.2%	1.1%	1.3%	24.0%	1.1%	0.0%	100.0%	100.0%
NonCore share	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%
	22.5%	0.4%	6.1%	0.3%	0.4%	7.2%	0.3%	0.0%	30.0%	30.0%
MTTA Allocation Factor	22.5%	0.4%	6.1%	0.3%	0.4%	7.2%	0.3%	0.0%	30.0%	100.0%

Allocator for California Air Resources Board AB 32 Admin Fee:

AYTP Mth/yr all customers Mth/y	4,732,988	84,077	1,233,373	67,171	80,602	1,465,224	66,380	0	6,264,591	9,911,292
Less: AB32Fees Exempt Customers Mth/y	(2,088,488)	(84,077)	(1,233,373)	(67,171)	(80,602)	(1,465,224)	(66,380)	0	(3,620,091)	(3,620,091)
AYTP Mth/yr AB32 Fee Non-Exempt Customers Mth/y	2,644,500	0	0	0	0	0	0	0	2,644,500	6,291,200
% ECPT AB32 Fee Non-Exempt	42.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	42.0%	100.0%

Procedure:

- #1) Input from Cost Allocation Model
- #2) Transition Adjustments by Year
- #3) Transition Adjustments Added to Customer Cost - output to Cost Alloc tab

	Resid	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2	EOR
#1) Input from Cost Allocation Model										
Customer Cost w/o SA \$000	\$851,901	\$113,320	\$27	\$2,533	\$959	\$968,741	\$16,332	\$3,302	\$5,582	\$1,129
Medium Pressure Distribution Costs	\$309,758	\$71,566	\$9	\$226	\$1,923	\$383,482	\$11,271	\$782	\$896	\$4
High Pressure Distribution Costs	\$53,477	\$15,500	\$5	\$89	\$1,330	\$70,402	\$8,902	\$401	\$4,709	\$887
Backbone Transmission Costs	\$30,777	\$12,026	\$7	\$204	\$1,493	\$44,507	\$17,146	\$697	\$34,093	\$1,696
Local Transmission Costs	\$19,052	\$5,569	\$2	\$33	\$619	\$25,275	\$5,716	\$193	\$10,538	\$588
Storage - Seasonal	\$36,267	\$10,379	\$0	\$0	\$376	\$47,021	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$2,292	\$935	\$1	\$17	\$122	\$3,366	\$1,662	\$68	\$3,314	\$165
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Related Marketing	\$21,415	\$10,894	\$0	\$3	\$2,149	\$34,461	\$212	\$60	\$897	\$583
Uncollectibles	\$3,289	\$596	\$0	\$8	\$22	\$3,915	\$152	\$14	\$149	\$0
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$1,150	\$1,150	\$0	\$0	\$0	\$0
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$1,328,227	\$240,786	\$49	\$3,113	\$10,145	\$1,582,321	\$61,393	\$5,516	\$60,178	\$5,052
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	74.7%	13.5%	0.0%	0.2%	0.6%	89.0%	3.5%	0.3%	3.4%	0.3%

#2) Transition Adjustments by Year

2013 TCAP Adjustment	\$0	\$1,263	(\$3)	(\$1,260)	\$0	\$0	\$0	\$0	\$0	\$0
2014 TCAP Adjustment	\$0	\$1,100	\$0	(\$1,100)	\$0	\$0	\$0	\$0	\$0	\$0
2015 TCAP Adjustment	\$0	\$925	\$0	(\$925)	\$0	\$0	\$0	\$0	\$0	\$0
2016 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2017 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2018 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amount of Adjustment to re-include in Proposal	\$0	\$1,263	(\$3)	(\$1,260)	\$0	\$0	\$0	\$0	\$0	\$0

#3) Transition Adjustments Added to Customer Cost - output to Cost Alloc tab

Customer Cost w/o SA \$000	\$851,901	\$114,583	\$24	\$1,273	\$959	\$968,741	\$16,332	\$3,302	\$5,582	\$1,129
Medium Pressure Distribution Costs	\$309,758	\$71,566	\$9	\$226	\$1,923	\$383,482	\$11,271	\$782	\$896	\$4
High Pressure Distribution Costs	\$53,477	\$15,500	\$5	\$89	\$1,330	\$70,402	\$8,902	\$401	\$4,709	\$887
Backbone Transmission Costs	\$30,777	\$12,026	\$7	\$204	\$1,493	\$44,507	\$17,146	\$697	\$34,093	\$1,696
Local Transmission Costs	\$19,052	\$5,569	\$2	\$33	\$619	\$25,275	\$5,716	\$193	\$10,538	\$588
Storage - Seasonal	\$36,267	\$10,379	\$0	\$0	\$376	\$47,021	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$2,292	\$935	\$1	\$17	\$122	\$3,366	\$1,662	\$68	\$3,314	\$165
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Related Marketing	\$21,415	\$10,894	\$0	\$3	\$2,149	\$34,461	\$212	\$60	\$897	\$583
Uncollectibles	\$3,289	\$596	\$0	\$8	\$22	\$3,915	\$152	\$14	\$149	\$0
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$1,150	\$1,150	\$0	\$0	\$0	\$0
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$1,328,227	\$242,049	\$46	\$1,853	\$10,145	\$1,582,321	\$61,393	\$5,516	\$60,178	\$5,052
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	74.7%	13.6%	0.0%	0.1%	0.6%	89.0%	3.5%	0.3%	3.4%	0.3%

SoCalGas Cost Allocation Model Results \$millions
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

#1) Input from Cost Allocation Model

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cos

	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	UBS	Total NonCore	Total System
#1) Input from Cost Allocation Model										
Customer Cost w/o SA \$000	\$26,344	\$435	\$956	\$362	\$198	\$1,952	\$57	\$0	\$28,353	\$997,094
Medium Pressure Distribution Costs	\$12,952	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,952	\$396,435
High Pressure Distribution Costs	\$14,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,900	\$85,301
Backbone Transmission Costs	\$53,631	\$1,003	\$14,432	\$814	\$913	\$17,163	\$752	\$0	\$71,545	\$116,052
Local Transmission Costs	\$17,036	\$476	\$6,449	\$517	\$421	\$7,863	\$246	\$0	\$25,145	\$50,420
Storage - Seasonal	\$0	\$0	\$5,814	\$0	\$0	\$5,814	\$0	\$0	\$5,814	\$52,836
Storage - Load Balancing	\$5,208	\$93	\$1,357	\$74	\$89	\$1,612	\$73	\$0	\$6,894	\$10,260
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,476	\$26,476	\$26,476
Non-DSM Related Marketing	\$1,752	\$161	\$153	\$177	\$130	\$621	\$71	\$0	\$2,444	\$36,905
Uncollectibles	\$315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$315	\$4,230
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,150
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$132,139	\$2,168	\$29,162	\$1,944	\$1,751	\$35,025	\$1,198	\$26,476	\$194,838	\$1,777,159
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	7.4%	0.1%	1.6%	0.1%	0.1%	2.0%	0.1%	1.5%	11.0%	100.0%

#2) Transition Adjustments by Year

2013 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2014 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2015 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2016 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2017 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2018 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amount of Adjustment to re-include in Proposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

#3) Transition Adjustments Added to Customer Cost - output to

Customer Cost w/o SA \$000	\$26,344	\$435	\$956	\$362	\$198	\$1,952	\$57	\$0	\$28,353	\$997,094
Medium Pressure Distribution Costs	\$12,952	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,952	\$396,435
High Pressure Distribution Costs	\$14,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,900	\$85,301
Backbone Transmission Costs	\$53,631	\$1,003	\$14,432	\$814	\$913	\$17,163	\$752	\$0	\$71,545	\$116,052
Local Transmission Costs	\$17,036	\$476	\$6,449	\$517	\$421	\$7,863	\$246	\$0	\$25,145	\$50,420
Storage - Seasonal	\$0	\$0	\$5,814	\$0	\$0	\$5,814	\$0	\$0	\$5,814	\$52,836
Storage - Load Balancing	\$5,208	\$93	\$1,357	\$74	\$89	\$1,612	\$73	\$0	\$6,894	\$10,260
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,476	\$26,476	\$26,476
Non-DSM Related Marketing	\$1,752	\$161	\$153	\$177	\$130	\$621	\$71	\$0	\$2,444	\$36,905
Uncollectibles	\$315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$315	\$4,230
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,150
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$132,139	\$2,168	\$29,162	\$1,944	\$1,751	\$35,025	\$1,198	\$26,476	\$194,838	\$1,777,159
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	7.4%	0.1%	1.6%	0.1%	0.1%	2.0%	0.1%	1.5%	11.0%	100.0%

SoCalGas Cost Allocation Model Results \$millions
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

#1) Input from Cost Allocation Model

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cos

	NCCI-Total	NCCI-D	NCCI-T	EOR-Total	EOR-D	EOR-T	Total EG	EG Tier 1	EG Tier 1 Dist	EG Tier 1 Trans	EG Tier 2
#1) Input from Cost Allocation Model											
Customer Cost w/o SA \$000	\$16,332	\$15,493	\$839	\$1,129	\$600	\$529	\$8,883	\$3,302	\$2,901	\$400	\$5,582
Medium Pressure Distribution Costs	\$11,271	\$11,271	\$0	\$4	\$4	\$0	\$1,678	\$782	\$782	\$0	\$896
High Pressure Distribution Costs	\$8,902	\$8,902	\$0	\$887	\$887	\$0	\$5,110	\$401	\$401	\$0	\$4,709
Backbone Transmission Costs	\$17,146	\$9,903	\$7,242	\$1,696	\$912	\$784	\$34,790	\$697	\$478	\$219	\$34,093
Local Transmission Costs	\$5,716	\$3,171	\$2,545	\$588	\$316	\$272	\$10,731	\$193	\$143	\$50	\$10,538
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$1,662	\$958	\$704	\$165	\$89	\$76	\$3,382	\$68	\$46	\$21	\$3,314
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Related Marketing	\$212	\$122	\$90	\$583	\$313	\$269	\$957	\$60	\$41	\$19	\$897
Uncollectibles	\$152	\$124	\$28	\$0	\$0	\$0	\$163	\$14	\$12	\$2	\$149
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$61,393	\$49,945	\$11,448	\$5,052	\$3,120	\$1,931	\$65,694	\$5,516	\$4,805	\$711	\$60,178
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	3.5%	2.8%	0.6%	0.3%	0.2%	0.1%	3.7%	0.3%	0.3%	0.0%	3.4%
#2) Transition Adjustments by Year											
2013 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,725)	\$1,725	\$0
2014 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,425)	\$1,425	\$0
2015 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,125)	\$1,125	\$0
2016 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$775)	\$775	\$0
2017 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$400)	\$400	\$0
2018 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2019 TCAP Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amount of Adjustment to re-include in Proposal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,725)	\$1,725	\$0
#3) Transition Adjustments Added to Customer Cost - output to Cos											
Customer Cost w/o SA \$000	\$16,332	\$15,493	\$839	\$1,129	\$600	\$529	\$8,883	\$3,302	\$1,176	\$2,125	\$5,582
Medium Pressure Distribution Costs	\$11,271	\$11,271	\$0	\$4	\$4	\$0	\$1,678	\$782	\$782	\$0	\$896
High Pressure Distribution Costs	\$8,902	\$8,902	\$0	\$887	\$887	\$0	\$5,110	\$401	\$401	\$0	\$4,709
Backbone Transmission Costs	\$17,146	\$9,903	\$7,242	\$1,696	\$912	\$784	\$34,790	\$697	\$478	\$219	\$34,093
Local Transmission Costs	\$5,716	\$3,171	\$2,545	\$588	\$316	\$272	\$10,731	\$193	\$143	\$50	\$10,538
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$1,662	\$958	\$704	\$165	\$89	\$76	\$3,382	\$68	\$46	\$21	\$3,314
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Related Marketing	\$212	\$122	\$90	\$583	\$313	\$269	\$957	\$60	\$41	\$19	\$897
Uncollectibles	\$152	\$124	\$28	\$0	\$0	\$0	\$163	\$14	\$12	\$2	\$149
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$61,393	\$49,945	\$11,448	\$5,052	\$3,120	\$1,931	\$65,694	\$5,516	\$3,080	\$2,436	\$60,178
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	3.5%	2.8%	0.6%	0.3%	0.2%	0.1%	3.7%	0.3%	0.2%	0.1%	3.4%

SoCalGas Cost Allocation Model Results \$millions
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

#1) Input from Cost Allocation Model

#2) Transition Adjustments by Year

#3) Transition Adjustments Added to Customer Cost - output to Cos

	EG Tier 2 Dist	EG Tier 2 Trans	Total EG	SOURCE
#1) Input from Cost Allocation Model				
Customer Cost w/o SA \$000	\$2,614	\$2,967	\$8,883	SCG Cost Allocation Model
Medium Pressure Distribution Costs	\$896	\$0	\$1,678	SCG Cost Allocation Model
High Pressure Distribution Costs	\$4,709	\$0	\$5,110	SCG Cost Allocation Model
Backbone Transmission Costs	\$5,365	\$28,729	\$34,790	SCG Cost Allocation Model
Local Transmission Costs	\$1,678	\$8,861	\$10,731	SCG Cost Allocation Model
Storage - Seasonal	\$0	\$0	\$0	SCG Cost Allocation Model
Storage - Load Balancing	\$521	\$2,792	\$3,382	SCG Cost Allocation Model
Storage - TBS	\$0	\$0	\$0	SCG Cost Allocation Model
Non-DSM Related Marketing	\$141	\$756	\$957	SCG Cost Allocation Model
Uncollectibles	\$40	\$109	\$163	SCG Cost Allocation Model
NGV Compression Costs:	\$0	\$0	\$0	SCG Cost Allocation Model
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$15,964	\$44,214	\$65,694	
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	0.9%	2.5%	3.7%	

#2) Transition Adjustments by Year

2013 TCAP Adjustment	(\$900)	\$900	\$0
2014 TCAP Adjustment	(\$600)	\$600	\$0
2015 TCAP Adjustment	(\$300)	\$300	\$0
2016 TCAP Adjustment	\$0	\$0	\$0
2017 TCAP Adjustment	\$0	\$0	\$0
2018 TCAP Adjustment	\$0	\$0	\$0
2019 TCAP Adjustment	\$0	\$0	\$0
Amount of Adjustment to re-include in Proposal	(\$900)	\$900	\$0

#3) Transition Adjustments Added to Customer Cost - output to Cos

Customer Cost w/o SA \$000	\$1,714	\$3,867	\$8,883	SCG Cost Allocation Model
Medium Pressure Distribution Costs	\$896	\$0	\$1,678	SCG Cost Allocation Model
High Pressure Distribution Costs	\$4,709	\$0	\$5,110	SCG Cost Allocation Model
Backbone Transmission Costs	\$5,365	\$28,729	\$34,790	SCG Cost Allocation Model
Local Transmission Costs	\$1,678	\$8,861	\$10,731	SCG Cost Allocation Model
Storage - Seasonal	\$0	\$0	\$0	SCG Cost Allocation Model
Storage - Load Balancing	\$521	\$2,792	\$3,382	SCG Cost Allocation Model
Storage - TBS	\$0	\$0	\$0	SCG Cost Allocation Model
Non-DSM Related Marketing	\$141	\$756	\$957	SCG Cost Allocation Model
Uncollectibles	\$40	\$109	\$163	SCG Cost Allocation Model
NGV Compression Costs:	\$0	\$0	\$0	SCG Cost Allocation Model
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$15,064	\$45,114	\$65,694	
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	0.8%	2.5%	3.7%	

SoCalGas Cost Allocation Model Results \$millions
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

#1) *Input from Cost Allocation Model*

#2) *Transition Adjustments by Year*

#3) *Transition Adjustments Added to Customer Cost - output to Cos*

#1) Input from Cost Allocation Model

Customer Cost w/o SA \$000
Medium Pressure Distribution Costs
High Pressure Distribution Costs
Backbone Transmission Costs
Local Transmission Costs
Storage - Seasonal
Storage - Load Balancing
Storage - TBS
Non-DSM Related Marketing
Uncollectibles
NGV Compression Costs:

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total

#2) Transition Adjustments by Year

2013 TCAP Adjustment
2014 TCAP Adjustment
2015 TCAP Adjustment
2016 TCAP Adjustment
2017 TCAP Adjustment
2018 TCAP Adjustment
2019 TCAP Adjustment

Amount of Adjustment to re-include in Proposal

#3) Transition Adjustments Added to Customer Cost - output to Cos

Customer Cost w/o SA \$000
Medium Pressure Distribution Costs
High Pressure Distribution Costs
Backbone Transmission Costs
Local Transmission Costs
Storage - Seasonal
Storage - Load Balancing
Storage - TBS
Non-DSM Related Marketing
Uncollectibles
NGV Compression Costs:

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U

Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total

SoCalGas - EOR Credit Calculation
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG Tier 1	EG Tier 2	EOB	Total Retail Non Core
EOB Revenue & Costs to be used:											
EPAM All Excl. Unbundled Storage + EOB	79.9%	14.2%	0.0%	0.1%	0.5%	94.6%	2.7%	0.3%	1.6%	0.0%	4.6%
EOB Revenue allocated to Other Classes \$000	(\$3,461)	(\$2,763)	(\$490)	(\$0)	(\$4)	(\$18)	(\$94)	(\$10)	(\$56)		(\$160)
EOB Costs allocated to Other Classes \$000	\$3,619	\$2,889	\$512	\$0	\$4	\$19	\$99	\$11	\$58	(\$3,619)	(\$3,451)

Calculation of EOB Revenue:	EOB \$000	Source
EOB Revenue:		
EOB-D Revenue		
Customer Charge \$/mo	\$500.00	
# EOB-D Customers	17	Alloc Factors
EOB-D Customer Charge Revenue \$000	\$102	
EOB-D Rate (i.e. average EG-D rate) \$/th	\$0.03223	EG-D Rates / RUN (this is done to avoid circ ref)
EOB-D Vols mth/yr	80,514	Alloc Factors
	\$2,595	
Less EOB-D Customer Charge Revenue \$000	\$102	
EOB-D Volumetric Revenue \$000	\$2,493	
EOB-D Volumetric Rate \$/th	\$0.03096	
Total EOB-D Revenue \$000	\$2,595	
EOB-T Revenue (based on TLS rate)	\$866	Trans Rate/RUN (this is done to avoid circ ref)
Total EOB Revenue \$000	\$3,461	

Calculation of Shareholder's Portion of EOB Revenue:		
EOB Revenue \$000	\$3,461	
less EOB's allocated CoUse Transmission \$000	\$0	Cost Alloc
less EOB's allocated CoUse Other \$000	(\$12)	Cost Alloc
less EOB's allocated CoUse Storage Load Balancing \$000	(\$19)	Cost Alloc
less EOB's allocated UAF \$000	(\$226)	Cost Alloc
	\$3,204	
Shareholder's %	0%	
Shareholder's Portion of EOB Revenue \$000	\$0	

Calculation of Ratepayer's portion of EOB Revenue:		
EOB Revenue \$000	\$3,461	
less Shareholder's Portion of EOB Revenue \$000	\$0	
EOB revenue Allocated to Other Classes \$000	\$3,461	
less EOB Costs Allocated to Other Classes \$000	\$3,619	Cost Alloc
Net Ratepayer's share of EOB Revenue (i.e. EOB Credit) \$000	(\$158)	

SoCalGas - EOR Credit Calculation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000	Source
EOB Revenue & Costs to be used:										
EPAM All Excl. Unbundled Storage + EOR	0.1%	0.5%	0.1%	0.1%	0.7%	0.0%	0.0%	5.4%	100.0%	Alloc Factors
EOB Revenue allocated to Other Classes \$000	(\$2)	(\$18)	(\$2)	(\$2)	(\$24)	(\$1)	\$0	(\$185)	(\$3,461)	
EOB Costs allocated to Other Classes \$000	\$3	\$18	\$3	\$2	\$25	\$1	\$0	(\$3,425)	\$0	

Calculation of EOR Revenue:

EOB Revenue:

EOB-D Revenue

Customer Charge \$/mo

EOB-D Customers

EOB-D Customer Charge Revenue \$000

EOB-D Rate (i.e. average EG-D rate) \$/th

EOB-D Vols mth/yr

Less EOB-D Customer Charge Revenue \$000

EOB-D Volumetric Revenue \$000

EOB-D Volumetric Rate \$/th

Total EOB-D Revenue \$000

EOB-T Revenue (based on TLS rate)

Total EOB Revenue \$000

Calculation of Shareholder's Portion of EOB Revenue:

EOB Revenue \$000

less EOB's allocated CoUse Transmission \$000

less EOB's allocated CoUse Other \$000

less EOB's allocated CoUse Storage Load Balancing \$0

less EOB's allocated UAF \$000

Shareholder's %

Shareholder's Portion of EOB Revenue \$000

Calculation of Ratepayer's portion of EOB Revenue:

EOB Revenue \$000

less Shareholder's Portion of EOB Revenue \$000

EOB revenue Allocated to Other Classes \$000

less EOB Costs Allocated to Other Classes \$000

Net Ratepayer's share of EOB Revenue (i.e. EOB Credit)

#1 Applicable Franchise Fee & Uncollectible Factors	Source
Uncollectible Rate:	
System Avg Uncollectible rate	0.23800% 2008 GRC
Uncollectable Rate for non-exempt customers:	
Total System Scaled LRMC in 2008 GRC rates	\$1,420,384 9/1/2008 Rate Model
Wholesale Scaled LRMC in 2008 GRC rates	(\$2,303) 9/1/2008 Rate Model
DGN Scaled LRMC in 2008 GRC rates	(\$123) 9/1/2008 Rate Model
	\$1,417,958
Uncollectible rate adjustment	99.83%
Uncollectable Rate for non-exempt customers	0.23841%
Franchise Fee Rate:	
Franchise Rate	1.46200% 2008 GRC
FF&U rates with Gross-up:	
Wholesale Franchise Factor	101.4837%
Retail Franchise Fee & Uncollectible Factor FFU	101.7262%

Example FFU Calculation:	W/S	Non W/S	System
Gross Revenue Billed	\$100.000	\$100.000	\$100.000
Uncollectable 0.23800%			\$0.235
Uncollectable non-exempt 0.23841%		\$0.235	
Franchise Rate 1.4620%	\$1.462	\$1.462	\$1.462
Net Revenue	\$98.538	\$98.303	\$98.303
if I want this net revenue	\$98.538	\$98.303	\$98.303
Net to Gross = Gross Revenue/Net revenue =	101.4837%	101.72621%	101.7258%
then I need to bill this amount	\$100.000	\$100.000	\$100.000
if I bill this amount	\$100.00	\$100.00	\$100.00
Gross-to-Net = Net Revenue/Gross Revenue =	98.5380%	98.3031%	98.3035%
then I will get this net revenue	\$98.538	\$98.303	\$98.303
if I bill this amount	\$100.00	\$100.00	\$100.00
1-(Net Revenue/Gross Revenue) =	1.4620%	1.6969%	1.6965%
then I will get this net revenue	\$98.538	\$98.303	\$98.303

#2 Sempra Utilities Retail CORE Commodity Weighted-Average-Cost-of-Gas (WACOG) for Purchases

Gas Cost \$/dth	\$4.32	Updated Gas Cost Estimate from testimony of Mr. Herb Emmrich
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#3 BTU Factor

1.0235	Mbtu/cf	Demand FC
1,024	Mbtu/mcf	
1 th	= 100,000 BTUs	
1,000 Mth	= 100,000MBTUs	

#4 Calculation of Brokerage Fee:

Brokerage fees cover the costs of the Gas Acquisition department.

These costs are included in SCG's GRC; but not in SDGE's GRC.

Since these costs are recovered through the procurement rate, they are removed from the revenue requirement used to calculate the transmission rates.

Core Broker Fee Rate \$/th	\$0.00157	Broker Fee Study 8-11-2011
SCG Mth/yr	3,646,701	Broker Fee Study 8-11-2011
SDGE Mth/yr	502,042	Broker Fee Study 8-11-2011
Core AYTP Mth/yr	4,148,743	
Core Broker Fee \$000	\$6,525	
Brokerage Fee	1.017	
Core Broker Fee w/FFU \$000	\$6,638	

#5 Calculation of UnAccounted For Gas:

UAF Volumes Mth/yr	75,444	Alloc Factors
System AYTP Mth/yr	9,911,292	
% UAF (as % of end use)	0.761%	
WACOG \$/dth	\$4.32	
UAF \$/yr	\$32,592	

#6 Company Use Gas: Storage Load Balancing

Mth/yr	2,914	workpaper from Capacity Products
WACOG \$/dth	\$4.32	
Company Use Gas: Storage Load Balancing	\$1,259	

#7 Co Use-Other:

	Mth/y	SOURCE
forecast annual avg (Mth)	1,817	Demand FC WP
WACOG \$/th	\$0.43200	
Co Use Other \$000	\$785	

#8 Well Incident & Surface Leaks (WISL)

	MMBTU	Mth/y	SOURCE
2002	35,404	354	Gas Acquisition Dept (M Lazarus)
2003	38,415	384	Gas Acquisition Dept (M Lazarus)
2004	39,453	395	Gas Acquisition Dept (M Lazarus)
2005	68,202	682	Gas Acquisition Dept (M Lazarus)
2006	51,019	510	Gas Acquisition Dept (M Lazarus)
2007	90,572	906	Gas Acquisition Dept (M Lazarus)
2008	19,015	190	Gas Acquisition Dept (M Lazarus)
2009	89,922	899	Gas Acquisition Dept (M Lazarus)
2010	142,015	1,420	Gas Acquisition Dept (M Lazarus)
average	63,780	638	
WACOG \$/th		\$0.43200	
WISL \$000		\$276	

#9 Integrated ITBA Regulatory Account:

Calculation of ITBA Allocator:

	CYTP Mth/yr	ITBA Allocator	Source
SDGE	1,257,325	12.5%	SDGE RD Model
SCG	10,250,635		Alloc Factors
Less EOR	(149,770)		Alloc Factors
Lesss SDGE	(1,274,770)		Alloc Factors
	8,826,095	87.5%	
Total SEU	10,083,420	100.0%	

#10 Core De-Averaging:

	Res	CCI	Total	Source
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$1,267,399	\$236,698	\$1,504,097	2011 Cost Alloc
Other Operating Costs and Revenues	\$20,264	\$7,917	\$28,182	2011 Cost Alloc
Regulatory Accounts	\$56,771	\$11,579	\$68,350	2011 Cost Alloc
Revenue Requirement	\$1,344,435	\$256,194	\$1,600,629	
AYTP Mth/yr	2,483,989	970,519	3,454,508	2011 Cost Alloc
average rate of Res & CCI			\$0.463	
* Res Volumes			2,483,989	
= fully averaged Residential Rev Req			\$1,150,944	
less fully de-averaged Res Rev Req			(\$1,344,435)	
Adjustment required for fully averaged rates			(\$193,491)	

Calculation of Current Core Averaging Adjustment:

Core averaging per 1999BCAP @ 25% averaged	25%	D.00-04-020 Core Avg = 25%.
adjustment required for fully averaged rates	(\$193,491)	
Current Core Averaging Adjustment \$000	(\$48,373)	

Core De-Avg 2010	\$0	\$0	2009 BCAP SA
Core De-Avg 2011	\$8,350	(\$8,350)	2009 BCAP SA
Core De-Avg 2012	\$8,350	(\$8,350)	2009 BCAP SA
2012 Core Averaging Adjustment \$000	(\$31,673)	\$31,673	

Calculation of Proposed Phasing of Annual De-Averaging Adjustment:

Current Core Averaging Adjustment \$000	\$ (31,673)
% amount	100%
Proposed Phasing of Annual De-Averaging Adjustment:	\$31,673

Calculation of Current Core De-Averaging Adjustments to Date:

Adjustment required for fully averaged rates	(\$193,491)
Current Core De-Averaging	\$31,673
Current Core De-Averaging Adjustments to Date	\$161,818

	Annual De-Averaging Adjustment \$000	Res Rev Req \$000	CCI Rev Req \$000	Total De-Averaged \$000	Total De-Averaged %	Annual Averaging Adjustment \$000	Annual Averaging Adjustment %
Rev Req w/o averaging		\$1,344,435	\$256,194				
Adjustment required for fully averaged rates	(\$193,491)	\$1,150,944	\$449,685				
Current Core De-Averaging Adjustments to Date	\$161,818	\$1,312,762	\$287,867	\$161,818	83.6%	(\$31,673)	16.4%
Year 1 (Proposed 2013 TCAP)	\$31,673	\$1,344,435	\$256,194	\$193,491	100.0%	\$0	0.0%
Year 2 (Proposed 2013 TCAP)	\$0	\$1,344,435	\$256,194	\$193,491	100.0%	\$0	0.0%
Year 3 (Proposed 2013 TCAP)	\$0	\$1,344,435	\$256,194	\$193,491	100.0%	\$0	0.0%

#11 AL 4159 - GCT Equity Interest and Equity Income Adjustment

	\$000's
GCT Equity Interest	\$2,487
GCT Equity Income	\$2,756
Under amortization	\$0
Total	\$5,243

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amounts.

		Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Calculation of Local-Transmission Costs under System Integration:							
A) Pre-SI Local Transmission Costs from Cost Allocation Models w/FFU							
SCG w/FFU \$000	\$50,420	\$19,052	\$5,569	\$2	\$33	\$619	\$25,275
SDGE w/FFU \$000	\$0	\$0	\$0			\$0	\$0
SEU Local Transmission w/FFU, w/o SI \$000	\$50,420	\$19,052	\$5,569	\$2	\$33	\$619	\$25,275
BB/LT Reconciliation	\$0						
Reconciled SEU Local Transmission w/FFU,	\$50,420						
C) Allocate to SEU classes:							
SCG CYPM Mth/Month		411,974	120,434	36	716	13,382	546,543
SCG CYPM exclude SDGE WS Mth/Month		411,974	120,434	36	716	13,382	546,543
SDGE CYPM Mth/month		50,967	20,446	0	0	1,027	72,440
SEU CYPM Mth/month		462,941	140,880	36	716	14,410	618,983
CYPM Allocation % among SEU Classes		42.5%	12.9%	0.0%	0.1%	1.3%	56.9%
Allocate to SEU Classes w/o FFU \$000	\$50,420	\$21,446	\$6,526	\$2	\$33	\$668	\$28,675
D) Allocate to each utility:							
SCG %		89.0%	85.5%	100.0%	100.0%	92.9%	88.3%
SDGE %		11.0%	14.5%	0.0%	0.0%	7.1%	11.7%
total %		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
POST-SI Local Transmission Costs w/ FFU: (to calculate w/o SI, refer to SEU Pre-SI Local-T w/ FFU)							
SCG w/ FFU \$000	\$44,047	\$19,085	\$5,579	\$2	\$33	\$620	\$25,319
SDGE w/ FFU \$000	\$6,372	\$2,361	\$947	\$0	\$0	\$48	\$3,356
total w/ FFU \$000	\$50,420	\$21,446	\$6,526	\$2	\$33	\$668	\$28,675

Calculation of BackBone Transmission Costs under System Integration:

A) Pre-SI BTS Transmission Costs from Cost Allocation Models w/FFU							
SCG w/FFU \$000	\$116,052	\$30,777	\$12,026	\$7	\$204	\$1,493	\$44,507
SDGE w/FFU \$000	\$31,473	\$8,525	\$4,774			\$291	\$13,589
SEU BBT w/FFU w/o SI \$000	\$147,526	\$39,302	\$16,800	\$7	\$204	\$1,784	\$58,096
Target SEU BBT w/ FFU	\$147,526						
BB/LT Reconciliation	\$0						

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

		Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale
Calculation of Local-Transmission Costs under System Integration:											
A) Pre-SI Local Transmission Costs from Cost Allocation Models w/FFU											
SCG w/FFU \$000	\$50,420	\$5,716	\$193	\$10,538	\$588	\$17,036	\$476	\$6,449	\$517	\$421	\$7,863
SDGE w/FFU \$000	\$0	\$0	\$0	\$0		\$0					0
SEU Local Transmission w/FFU, w/o SI \$000	\$50,420	\$5,716	\$193	\$10,538	\$588	\$17,036	\$476	\$6,449	\$517	\$421	\$7,863
BB/LT Reconciliation	\$0										
Reconciled SEU Local Transmission w/FFU,	\$50,420										
C) Allocate to SEU classes:											
SCG CYPM Mth/Month		123,610	4,174	227,877	12,720	368,381	10,286	139,459	11,186	9,105	170,035
SCG CYPM exclude SDGE WS Mth/Month		123,610	4,174	227,877	12,720	368,381	10,286	0	11,186	9,105	30,576
SDGE CYPM Mth/month		4,123	2,267	58,719		65,110					0
SEU CYPM Mth/month		127,733	6,441	286,596	12,720	433,491	10,286	0	11,186	9,105	30,576
CYPM Allocation % among SEU Classes		11.7%	0.6%	26.3%	1.2%	39.8%	0.9%	0.0%	1.0%	0.8%	2.8%
Allocate to SEU Classes w/o FFU \$000	\$50,420	\$5,917	\$298	\$13,277	\$589	\$20,082	\$476	\$0	\$518	\$422	\$1,416
D) Allocate to each utility:											
SCG %		96.8%	64.8%	79.5%	100.0%	85.0%	100.0%		100.0%	100.0%	100.0%
SDGE %		3.2%	35.2%	20.5%	0.0%	15.0%	0.0%		0.0%	0.0%	0.0%
total %		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%
POST-SI Local Transmission Costs w/ FFU: (to calculate w/o SI, refer to SEU Pre-SI Lo											
SCG w/ FFU \$000	\$44,047	\$5,726	\$193	\$10,557	\$589	\$17,066	\$476	\$0	\$518	\$422	\$1,416
SDGE w/ FFU \$000	\$6,372	\$191	\$105	\$2,720	\$0	\$3,016	\$0	\$0	\$0	\$0	\$0
total w/ FFU \$000	\$50,420	\$5,917	\$298	\$13,277	\$589	\$20,082	\$476	\$0	\$518	\$422	\$1,416

Calculation of BackBone Transmission Costs under System Integration:

A) Pre-SI BTS Transmission Costs from Cost Allocation Models w/FFU

SCG w/FFU \$000	\$116,052	\$17,146	\$697	\$34,093	\$1,696	\$53,631	\$1,003	\$14,432	\$814	\$913	\$17,163
SDGE w/FFU \$000	\$31,473	\$1,217	\$1,004	\$15,662		\$17,884					0
SEU BBT w/FFU w/o SI \$000	\$147,526	\$18,363	\$1,701	\$49,756	\$1,696	\$71,516	\$1,003	\$14,432	\$814	\$913	\$17,163
Target SEU BBT w/ FFU	\$147,526										
BB/LT Reconciliation	\$0										

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

	DGN	TBS	Total Non Core	Total System \$000	Source	
Calculation of Local-Transmission Costs under System Integration:						
A) Pre-SI Local Transmission Costs from Cost Allocation Models w/FFU						
SCG w/FFU \$000	\$50,420	\$246	\$0	\$25,145	\$50,420	Cost Alloc
SDGE w/FFU \$000	\$0			\$0	\$0	SDGE RD Model/ Cost Alloc
SEU Local Transmission w/FFU, w/o SI \$000	\$50,420	\$246	\$0	\$25,145	\$50,420	
BB/LT Reconciliation	\$0					
Reconciled SEU Local Transmission w/FFU,	\$50,420					
C) Allocate to SEU classes:						
SCG CYPM Mth/Month		5,313	0	543,729	1,090,272	Alloc Factors
SCG CYPM exclude SDGE WS Mth/Month		5,313	0	404,271	950,813	Alloc Factors
SDGE CYPM Mth/month				65,110	137,550	SDGE RD Model/ Alloc Factors
SEU CYPM Mth/month		5,313	0	469,380	1,088,363	
CYPM Allocation % among SEU Classes		0.5%	0.0%	43.1%	100.0%	
Allocate to SEU Classes w/o FFU \$000	\$50,420	\$246	\$0	\$21,745	\$50,420	
D) Allocate to each utility:						
SCG %		100.0%		86.1%	87.4%	
SDGE %		0.0%		13.9%	12.6%	
total %		100.0%		100.0%	100.0%	
POST-SI Local Transmission Costs w/ FFU: (to calculate w/o SI, refer to SEU Pre-SI Lo						
SCG w/ FFU \$000	\$44,047	\$246	\$0	\$18,728	\$44,047	
SDGE w/ FFU \$000	\$6,372	\$0	\$0	\$3,016	\$6,372	
total w/ FFU \$000	\$50,420	\$246	\$0	\$21,745	\$50,420	

Calculation of BackBone Transmission Costs under System Integration:

A) Pre-SI BTS Transmission Costs from Cost Allocation Models w/FFU						
SCG w/FFU \$000	\$116,052	\$752	\$0	\$71,545	\$116,052	Cost Alloc
SDGE w/FFU \$000	\$31,473			\$17,884	\$31,473	SDGE RD Model/ Cost Alloc
SEU BBT w/FFU w/o SI \$000	\$147,526	\$752	\$0	\$89,430	\$147,526	
Target SEU BBT w/ FFU	\$147,526					
BB/LT Reconciliation	\$0					

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amounts.

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	
C) Allocate to SEU classes:							
SCG CYTP mth/yr	2,718,471	1,062,244	575	17,984	131,912	3,931,186	
SCG CYTP exclude SDGE WS Mth/year	2,718,471	1,062,244	575	17,984	131,912	3,931,186	
SDGE CYTP mth/yr	340,566	190,700	0	0	11,606	542,872	
SEU CYTP Mth/year	3,059,037	1,252,944	575	17,984	143,518	4,474,058	
CYTP Allocation % among SEU Classes	29.9%	12.2%	0.0%	0.2%	1.4%	43.7%	
Allocate to SEU Classes w/FFU \$000	\$147,526	\$44,100.25	\$18,062.91	\$8.29	\$259.26	\$2,069.01	\$64,500
D) Allocate to each utility:							
Each SCG class as a % of SEU class total	88.9%	84.8%	100.0%	100.0%	91.9%	87.9%	
Each SDGE class as a % of SEU class total	11.1%	15.2%	0.0%	0.0%	8.1%	12.1%	
total %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
POST SI BTS Transmission Costs w/ FFU: (to calculate w/o SI, refer to SEU Pre-SI BBT w/oFFU,FAR)							
SCG w/FFU \$000	\$129,399	\$39,191	\$15,314	\$8	\$259	\$1,902	\$56,673
SDGE w/FFU \$000	\$18,126	\$4,910	\$2,749	\$0	\$0	\$167	\$7,826
total w/FFU \$000	\$147,526	\$44,100	\$18,063	\$8	\$259	\$2,069	\$64,500

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	
C) Allocate to SEU classes:											
SCG CYTP mth/yr	1,514,446	61,537	3,011,386	149,770	4,737,139	88,619	1,274,770	71,940	80,602	1,515,931	
SCG CYTP exclude SDGE WS Mth/year	1,514,446	61,537	3,011,386	149,770	4,737,139	88,619	0	71,940	80,602	241,161	
SDGE CYTP mth/yr	48,633	40,128	625,692	0	714,453	0	0	0	0	0	
SEU CYTP Mth/year	1,563,079	101,665	3,637,078	149,770	5,451,591	88,619	0	71,940	80,602	241,161	
CYTP Allocation % among SEU Classes	15.3%	1.0%	35.5%	1.5%	53.3%	0.9%	0.0%	0.7%	0.8%	2.4%	
Allocate to SEU Classes w/FFU \$000	\$147,526	\$22,533.94	\$1,465.64	\$52,433.51	\$2,159.14	\$78,592	\$1,277.56	\$0.00	\$1,037.12	\$1,161.99	\$3,477
D) Allocate to each utility:											
Each SCG class as a % of SEU class total	96.9%	60.5%	82.8%	100.0%	86.9%	100.0%		100.0%	100.0%	100.0%	
Each SDGE class as a % of SEU class total	3.1%	39.5%	17.2%	0.0%	13.1%	0.0%		0.0%	0.0%	0.0%	
total %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	
POST SI BTS Transmission Costs w/ FFU: (to calculate w/o SI, refer to SEU Pre-SI BB											
SCG w/FFU \$000	\$129,399	\$21,833	\$887	\$43,413	\$2,159	\$68,292	\$1,278	\$0	\$1,037	\$1,162	\$3,477
SDGE w/FFU \$000	\$18,126	\$701	\$578	\$9,020	\$0	\$10,300	\$0	\$0	\$0	\$0	\$0
total w/FFU \$000	\$147,526	\$22,534	\$1,466	\$52,434	\$2,159	\$78,592	\$1,278	\$0	\$1,037	\$1,162	\$3,477

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

	DGN	TBS	Total Non Core	Total System \$000	Source
C) Allocate to SEU classes:					
SCG CYTP mth/yr	66,380	0	6,319,449	10,250,635	Alloc Factors
SCG CYTP exclude SDGE WS Mth/year	66,380	0	5,044,679	8,975,865	Alloc Factors
SDGE CYTP mth/yr	0	0	714,453	1,257,325	SDGE RD Model
SEU CYTP Mth/year	66,380	0	5,759,132	10,233,190	
CYTP Allocation % among SEU Classes	0.6%	0.0%	56.3%	100.0%	
Allocate to SEU Classes w/FFU \$000	\$147,526	\$956.95	\$0.00	\$83,026	\$147,526
D) Allocate to each utility:					
Each SCG class as a % of SEU class total	100.0%		87.6%	87.7%	
Each SDGE class as a % of SEU class total	0.0%		12.4%	12.3%	
total %	100.0%		100.0%	100.0%	
POST SI BTS Transmission Costs w/ FFU: (to calculate w/o SI, refer to SEU Pre-SI BB					
SCG w/FFU \$000	\$129,399	\$957	\$0	\$72,726	\$129,399
SDGE w/FFU \$000	\$18,126	\$0	\$0	\$10,300	\$18,126
total w/FFU \$000	\$147,526	\$957	\$0	\$83,026	\$147,526

System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amounts.

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Calculation of BTS Revenue Requirement and Rate:						
	BTS Demand	Source	Calculation of MFV Rate:			
Demand mmcf (1)	2,910	2013TCAP MsFung	BTS Rev Req excl BTBA \$000			
1mmcf per 1,000,000 cf	1,000,000		MFV Rate % paid in Reservation Charge			
= cfd	2,909,570,930		Reservation Rev Req \$000			
Mbtu/ 1cf	1,02350	Misc Inputs	Capacity Mdth/day			
= mbtu/d	2,977,945,847		Reservation rate \$/dth/day			
1 therm per 100 MBTUs	100		Usage Rate:			
= therms/day	29,779,458		Usage Rate Rev Req \$000			
1dth per 10 therms	10		Volumes Mdth/d			
= BBT Demand Dth/d	2,977,946		Volumes Mth/yr			
			Usage rate BTBA \$/dth			
BTS Tariff Rate \$/dth/day w/FFU:						
SEU Post-SI BTS w/FFU \$000	\$147,526					
BTBA w/o FFU \$000	\$17,714	2013 Forecast				
FFU Rate Net-to-Gross	101.7262%	Misc Inputs				
	\$18,020					
BTS Revenue Requirement w/FFU \$000	\$165,545					
BTS Rate incl FARBA/BTBA \$/dth/day	\$0.15230					
BTS Rate excluding FARBA/BTBA \$/dth/day	\$0.13572					
Effective Unbundled Rate \$/therm w/FFU:						
	\$/therm	\$/dth/day				
SEU Post-SI BTS w/FFU \$000	\$147,526	\$147,526				
AYTP Mthy/yr	9,911,292	2,977,946	Alloc Factors			
	\$0.01488	\$0.13572				

Allocation of BTS Revenue Requirement by Class:

Allocate to SEU classes:

SCG CYTP mth/yr	2,718,471	1,062,244	575	17,984	131,912	3,931,186
SCG CYTP exclude SDGE WS Mth/year	2,718,471	1,062,244	575	17,984	131,912	3,931,186
SDGE CYTP mth/yr	340,566	190,700	0	0	11,606	542,872
SEU CYTP Mth/year	3,059,037	1,252,944	575	17,984	143,518	4,474,058
CYTP Allocation % among SEU Classes	29.9%	12.2%	0.0%	0.2%	1.4%	43.7%
Allocate to SEU Classes w/FFU \$000	\$165,545	\$49,487	\$20,269	\$9	\$291	\$2,322
						\$72,378

System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale
Calculation of BTS Revenue Requirement and Rate:										
	Excl BTBA	Incl BTBA								
Demand mmcf (1)	\$147,526	\$165,545								
1mmcf per 1,000,000 cf	80%	80%	Per 2010 FAR SA							
= cfd	\$118,020	\$132,436								
Mbtu/ 1cf	2,978	2,978								
= mbtu/d	\$0.10858	\$0.12184								
1 therm per 100 MBTUs										
= therms/day										
1dth per 10 therms	\$29,505	\$33,109								
= BBT Demand Dth/d	2,634	2,634	Per 2010 FAR SA							
	9,613,583	9,613,583								
BTS Tariff Rate \$/dth/day w/FFU:	\$0.03069	\$0.03444								
SEU Post-SI BTS w/FFU \$000										
BTBA w/o FFU \$000										
FFU Rate Net-to-Gross	\$147,526	\$165,545								
	2,978	2,978	2013TCAP MsFung							
BTS Revenue Requirement w/FFU \$000	10,869,502	10,869,502								
BTS Rate incl FARBA/BTBA \$/dth/day	\$0.13572	\$0.15230								
BTS Rate excluding FARBA/BTBA \$/dth/day										
Effective Unbundled Rate \$/therm w/FFU:										
SEU Post-SI BTS w/FFU \$000										
AYTP Mthy/yr										

Allocation of BTS Revenue Requirement by Class:

Allocate to SEU classes:

SCG CYTP mth/yr	1,514,446	61,537	3,011,386	149,770	4,737,139	88,619	1,274,770	71,940	80,602	1,515,931	
SCG CYTP exclude SDGE WS Mth/year	1,514,446	61,537	3,011,386	149,770	4,737,139	88,619	0	71,940	80,602	241,161	
SDGE CYTP mth/yr	48,633	40,128	625,692	0	714,453	0	0	0	0	0	
SEU CYTP Mth/year	1,563,079	101,665	3,637,078	149,770	5,451,591	88,619	0	71,940	80,602	241,161	
CYTP Allocation % among SEU Classes	15.3%	1.0%	35.5%	1.5%	53.3%	0.9%	0.0%	0.7%	0.8%	2.4%	
Allocate to SEU Classes w/FFU \$000	\$165,545	\$25,286	\$1,645	\$58,838	\$2,423	\$88,192	\$1,434	\$0	\$1,164	\$1,304	\$3,901

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

	DGN	TBS	Total Non Core	Total System \$000	Source
Calculation of BTS Revenue Requirement and Rate:					
Demand mmcf (1)					
1mmcf per 1,000,000 cf					
= cfd					
Mbtu/ 1cf					
= mbtu/d					
1 therm per 100 MBTUs					
= therms/day					
1dth per 10 therms					
= BBT Demand Dth/d					
BTS Tariff Rate \$/dth/day w/FFU:					
SEU Post-SI BTS w/FFU \$000					
BTBA w/o FFU \$000					
FFU Rate Net-to-Gross					
BTS Revenue Requirement w/FFU \$000					
BTS Rate incl FARBA/BTBA \$/dth/day					
BTS Rate excluding FARBA/BTBA \$/dth/day					
Effective Unbundled Rate \$/therm w/FFU:					
SEU Post-SI BTS w/FFU \$000					
AYTP Mthy/yr					

Allocation of BTS Revenue Requirement by Class:

Allocate to SEU classes:

SCG CYTP mth/yr	66,380	0	6,319,449	10,250,635	Alloc Factors
SCG CYTP exclude SDGE WS Mth/year	66,380	0	5,044,679	8,975,865	
SDGE CYTP mth/yr	0	0	714,453	1,257,325	SDGE RD Model
SEU CYTP Mth/year	66,380	0	5,759,132	10,233,190	
CYTP Allocation % among SEU Classes	0.6%	0.0%	56.3%	100.0%	
Allocate to SEU Classes w/FFU \$000	\$165,545	\$1,074	\$0	\$93,167	\$165,545

**System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amounts.

		Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Allocate to each utility:							
Each SCG class as a % of SEU class total		88.9%	84.8%	100.0%	100.0%	91.9%	87.9%
Each SDGE class as a % of SEU class total		11.1%	15.2%	0.0%	0.0%	8.1%	12.1%
total %		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Allocate BBT Revenue Requirement w/ FFU:							
SCG \$000	\$145,205	\$43,978	\$17,184	\$9	\$291	\$2,134	\$63,596
SDGE \$000	\$20,340	\$5,509	\$3,085	\$0	\$0	\$188	\$8,782
SEU BTS Revenue Requirement w/FFU \$000	\$165,545	\$49,487	\$20,269	\$9	\$291	\$2,322	\$72,378
SCG \$000	\$138,249	\$41,871	\$16,361	\$9	\$277	\$2,032	\$60,549
SDGE \$000	\$18,737	\$4,741	\$2,812	\$0	\$0	\$179	\$7,733
SEU BTS Revenue Requirement w/FFU \$000	\$156,986	\$46,612	\$19,173	\$9	\$277	\$2,211	\$68,282

System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	
Allocate to each utility:											
Each SCG class as a % of SEU class total	96.9%	60.5%	82.8%	100.0%	86.9%	100.0%		100.0%	100.0%	100.0%	
Each SDGE class as a % of SEU class total	3.1%	39.5%	17.2%	0.0%	13.1%	0.0%		0.0%	0.0%	0.0%	
total %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		100.0%	100.0%	100.0%	
Allocate BBT Revenue Requirement w/ FFU:											
SCG \$000	\$145,205	\$24,500	\$996	\$48,716	\$2,423	\$76,634	\$1,434	\$0	\$1,164	\$1,304	\$3,901
SDGE \$000	\$20,340	\$787	\$649	\$10,122	\$0	\$11,558	\$0	\$0	\$0	\$0	\$0
SEU BTS Revenue Requirement w/FFU \$000	\$165,545	\$25,286	\$1,645	\$58,838	\$2,423	\$88,192	\$1,434	\$0	\$1,164	\$1,304	\$3,901
SCG \$000	\$138,249	\$23,326	\$948	\$46,382	\$2,307	\$72,963	\$1,365	\$0	\$1,108	\$1,241	\$3,714
SDGE \$000	\$18,737	\$749	\$452	\$9,803	\$0	\$11,004	\$0	\$0	\$0	\$0	\$0
SEU BTS Revenue Requirement w/FFU \$000	\$156,986	\$24,075	\$1,400	\$56,185	\$2,307	\$83,967	\$1,365	\$0	\$1,108	\$1,241	\$3,714

System Integration ("SI") and BackBone Transmission BTS charge
2013TCAP SCG RD Model - 2/22/2013 Update Filing

To calculate w/o SI, use Pre-SI Local-T/BBT/CoUse/ w/oFFU instead of Post-SI amount

	DGN	TBS	Total Non Core	Total System \$000	Source
Allocate to each utility:					
Each SCG class as a % of SEU class total	100.0%		87.6%	87.7%	
Each SDGE class as a % of SEU class total	0.0%		12.4%	12.3%	
total %	100.0%		100.0%	100.0%	
Allocate BBT Revenue Requirement w/ FFU:					
SCG \$000	\$145,205	\$1,074	\$0	\$81,609	\$145,205
SDGE \$000	\$20,340	\$0	\$0	\$11,558	\$20,340
SEU BTS Revenue Requirement w/FFU \$000	\$165,545	\$1,074	\$0	\$93,167	\$165,545
SCG \$000	\$138,249	\$1,022	\$0	\$77,700	\$138,249
SDGE \$000	\$18,737	\$0	\$0	\$11,004	\$18,737
SEU BTS Revenue Requirement w/FFU \$000	\$156,986	\$1,022	\$0	\$88,704	\$156,986

SoCalGas
Residential Rate Design
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

-
- #1 Calculate LMM revenue
 - #1a Calculate Submeter Credit Revenues
 - # 1b Calculation of Residential Customer Charge
 - #1c Calculation of CAT Adder & Allocation between Res & LMM
 - #1d Calculation of CSITMA Adder & Allocation between Res & LMM, Decision 10-01-022 January 21, 2010
 - #2 Calculation of Customer Charge Revenue
 - #3 Calculate SF, MF & SMM Volumetric Revenue
 - #4 Calculation of BL Rate & NBL Rates & Revenue for SF, MF & SMM
 - #5 LMM Volumetric Rate
-

RESULTS of Res Rate:

	Rates				# Customers & Volumes				Revenues				
	Customer Charge \$/mo	BL \$/th	NBL \$/th	Average Volumetric Rate \$/th	# Customers	BL Volume mth/y	NBL Volume mth/yr	Total Volume mth/yr	Customer Charge \$000/yr	BL revenue \$000/yr	NBL Revenue \$000/yr	Total Volumetric Revenue \$000/yr	Total Revenue \$000/yr
SF (Schd GR)	\$5.00	\$0.34855	\$0.60855		3,722,951				\$223,377				
MF (Schd GS)	\$5.00	\$0.34855	\$0.60855		1,701,512				\$102,091				
SMM (Schd GM)	\$5.00	\$0.34855	\$0.60855		124,336				\$7,460				
Total SF, MF & SMM	\$5.00	\$0.34855	\$0.60855	\$0.43159	5,548,798	1,682,421	789,489	2,471,910	\$332,928	\$586,400	\$480,440	\$1,066,840	\$1,399,768
LMM (Schd GMB)	\$374	\$0.17932	\$0.31308	\$0.21360	56	8,288	2,856	11,143	\$252	\$1,486	\$894	\$2,380	\$2,633
Total SF, MF, SMM & LMM	\$5.00	\$0.34772	\$0.60748	\$0.43061	5,548,854	1,690,709	792,345	2,483,053	\$333,180	\$587,886	\$481,334	\$1,069,220	\$1,402,401
Submeter Credit \$/unit/day (Schd GS)				(\$0.23573)	149,967							(\$12,903)	(\$12,903)
Total Residential													\$1,389,497
CAT Adder				(\$0.01314)				8,732				(\$115)	(\$115)
CSITMA Adder				\$0.00075				1,817,434				\$1,362	\$1,362
Total Residential					5,548,854			2,483,053	\$333,180			\$1,057,564	\$1,390,745

Residential Demand Data:

Class	Tariff	# Customers	Mth/year Base Line	Mth/year Non Base Line	Mth/year Total	Source
Single Family	GR	3,722,951	n/a	n/a	n/a	Res data
Multi Family	GS	1,701,512	n/a	n/a	n/a	Res data
Small Master Meter	GM	124,336	n/a	n/a	n/a	Res data
		5,548,798	1,682,421	789,489	2,471,910	
Large Master Meter	GMB	56	8,288	2,856	11,143	Res data
total		5,548,854	1,690,709	792,345	2,483,053	Res data
# Master Meters w/ Submeter:	GS	1,895	n/a	n/a	n/a	Res data
Total # Submetered units	GS	149,967	n/a	n/a	n/a	Res data
CAT		n/a	n/a	n/a	8,732	Alloc Factors

#1 Calculate LMM revenue	Source
Total Res Customer Costs =	\$851,901 Cost Alloc
Total Res Customer Charge Revenue =	(\$333,180)
Submeter Credit =	\$12,903
	\$531,624
total Res Mth/y =	248,305
Average Res Rate =	\$0.21
LMM Mth/y =	11,143
LMM Volumetric Revenue incl CAT Costs=	\$2,386
Less CAT Costs allocated to LMM \$000	\$0.513
Less CSITMA Costs allocated to LMM \$000	(\$6.084)
LMM Volumetric Revenue NonCAT, nonCSITMA =	\$2,380
LMM Customer Charge Revenue =	\$252
LMM revenue NonCAT, nonCSITMA \$000's/yr =	\$2,633

#1a Calculate Submeter Credit Revenues	Source
Based on Current Rate:	
Submeter Credit, \$/day/unit	(\$0.23573) 2013TCAP SubMtr Cr
Number of Submetered Units =	149,967
Number of days for subMeter CR =	365
Submeter Credit Revenues @ current rate \$000/yr =	(\$12,903)

1b Calculation of Residential Customer Charge

Calculation of Residential Customer Charge based on Customer Costs allocated to Res Class.

Customer costs that are allocated to Res class are then allocated to each Res Subclass (i.e. LMM & Other Res) based on % of costs based on new meter units for each subclass.

	Other Res	LMM	Total Res	Source
Est New Meter Unit Cost \$/meter=	\$53	\$3,126		Res SRM Data
# Res Customers =	5,548,798	56	5,548,854	
Total cost based on new meter unit cost \$000	\$296,087	\$176	\$296,263	
% of total =	99.9%	0.1%	100.0%	
Total Customer Costs Allocated to Res Class \$000	\$851,901	\$851,901	\$851,901	Alloc factors
Customer Charge Rev based on Allocated Cost Adjusted for Meter Cost \$000	\$851,396	\$506	\$851,901	
# Res Customers =	5,548,798	56	5,548,854	
Customer Charge based on Allocated Cust Cost & Meter cost \$/mo =	\$13	\$749	\$13	

Calculation of LMM Customer Charge based on Cap on increase

	LMM	Source	
Current LMM Customer Charge \$/meter/day	\$11.172	Tariff Schd GM January 2012	
	365		
	12		
Current LMM Customer Charge \$/mo=	\$340		\$12.289
LMM Cust Charge Increase Cap =	10%	2005BCAP	
LMM Cust Charge at Capped Increase \$/mo =	\$374		
compare to Cust Charge based on Customer Costs & meter unit cost	\$749		
Customer Charge = smaller of Meter Based & Capped Increase =	\$374		
# Customers =	56		
LMM Customer Charge Rev \$000's/yr =	\$252		

#1c Calculation of CAT Adder & Allocation between Res & LMM

		Source
CAT Related Costs allocated to Res \$000	(\$114.7)	Cost Alloc
CAT Volumes Mth/yr	8,732	
CAT Rate Adder \$/th	(\$0.01314)	

Allocate CAT costs between Res and LMM and Calculation of CAT Adder:

	Forecast Mth/yr	%	CAT related costs \$000	Source
Res Vols Mth/yr	2,483,053	99.6%	(\$114.22)	
LMM Vols Mth/yr	11,143	0.4%	(\$0.51)	
	2,494,197	100.0%	(\$114.74)	Cost Alloc

#1d Calculation of CSITMA Adder & Allocation between Res & LMM, Decision 10-01-022 January 21, 2010

		Source
CSITMA Related Costs allocated to Res \$000	\$1,361.8	Cost Alloc
Non Care Res Volumes Mth/yr	1,817,434	
CSMITA Rate Adder \$/th	\$0.00075	

Allocate CSITMA costs between Res and LMM and Calculation of CSITMA Adder:

	Forecast Mth/yr	%	CSITMA related costs \$000	Source
Res Vols Mth/yr	2,483,053	99.6%	\$1,355.76	
LMM Vols Mth/yr	11,143	0.4%	\$6.08	
	2,494,197	100.0%	\$1,361.84	Cost Alloc

#2 Calculation of Customer Charge Revenue

	# Customers	Proposed Rate \$/mo	Proposed Revenue \$000/yr	Source
SF	3,722,951	\$5.00	\$223,377	
MF	1,701,512	\$5.00	\$102,091	
SMM	124,336	\$5.00	\$7,460	
LMM	56	\$374	\$252	
			<u>\$333,180</u>	

#3 Calculate SF, MF & SMM Volumetric Revenue

		Source
Total Res Allocated Rev Req =	\$1,390,745	Cost Alloc
Less CAT Cost allocated to Res	\$114.7	
Less CSITMA Cost allocated to Res	(\$1,361.8)	
Total Res Allocated Rev Req NonCAT , nonCSITMA	\$1,389,497	
Less LMM revenue NonCAT, nonCSITMA =	(\$2,633)	
SF, MF & SMM Revenue \$000/yr =	\$1,386,865	
Less Cust Chg Rev \$000/yr		
SF	\$223,377	
MF	\$102,091	
SMM	\$7,460	
	\$332,928	
SubMeter Credit	(\$12,903)	
Vol revenue SF, MF & SMM:	\$1,041,034	

#4 Calculation of BL Rate & NBL Rates & Revenue for SF, MF & SMM

Calculate BL & NBL Rates based on targeted RATIO between NBL Rate & Composite Rate (including gas costs)

Calculate BL & NBL Rates based on a rate difference cap between NBL & BL rates (excluding gas costs)

Rates to be Used are those in the RATIO column, unless Difference CAP is exceeded in which case DIFFERENCE column is used.

Formulae:

$$NBL \text{ rate} = (RATIO * Composite \text{ Rate}) - Gas \text{ Rate}$$

$$Composite \text{ Rate} = ((Baseline \text{ Revenue} + Customer \text{ Charge Revenue} + SubMeter \text{ Credit})/Baseline \text{ Volumes}) + Gas \text{ Rate}$$

$$TR = (BLR * BLV) + (NBLR * NBLV) + CCR + SMCr$$

$$NBLR = (((BLR * BLV) + CCR + SMCr) * (1/BLV) + Gas \text{ Rate}) * RATIO - Gas \text{ Rate}$$

$$BLR = (TR - (NBLR * NBLV) - CCR - SMCr) * (1/BLV)$$

Base Line Rate calculation causes a CIRCULAR REFERENCE, this may be removed by copy/paste/values the BL rates

	E	RATIO	Rates to Use	Sources
Base Line Rate \$/th = blr = (calculated)	\$0.34855	\$0.32543		
Base Line Rate \$/th= blr = (input in model)	\$0.34855	\$0.32543	\$0.34855	RES Rate/RUN (this is done to avoid circ ref)
Base Line Vols mth/yr = blv =	1,682,421	1,682,421	1,682,421	
Baseline Revenue \$000 =	\$586,400	\$547,516	\$586,400	
NBL rate based on NBL-BL Difference CAP:				
Base Line Rate \$/th = blr =	\$0.34855			
DIFFERENCE CAP	\$0.26000			2009BCAP Phs2 Settlement Agreement
NonBaseline Rate \$/th	\$0.60855			difference cap yr2=\$0.25; yr3 = \$0.26/therm
NBL rate based on NBL/Composite Ratio:				
Composite Rate \$/th	\$0.94765			
Targeted RATIO	1.15			
Gas Rate \$/th =	\$0.43200			Misc Inputs
NonBaseline Rate \$/th	\$0.65780		\$0.60855	
NonBaseline Vols mth/yr= nblv =	789,489	789,489	789,489	
NonBaseline Revenue \$000	\$480,440	\$519,324	\$480,440	
Customer Charge revenue = ccr =	\$332,928	\$332,928	\$332,928	
SubMeter Credit = sc =	(\$12,903)	(\$12,903)	(\$12,903)	
Total Revenue	\$1,386,865	\$1,386,865	\$1,386,865	
target revenue	\$1,386,865	\$1,386,865	\$1,386,865	
	\$0	\$0	\$0	
Difference between NBL and BL rate:				
NBL Rate \$/th	\$0.60855	\$0.65780	\$0.60855	
BL rate \$/th	\$0.34855	\$0.32543	\$0.34855	
difference \$/th	\$0.26000	\$0.33236	\$0.26000	
Effective NBL/Composite Ratio:				
NBL Rate \$/th	\$0.60855	\$0.65780	\$0.60855	
Gas Rate \$/th =	\$0.43200	\$0.43200	\$0.43200	Misc Inputs
	\$1.04055	\$1.08980	\$1.04055	
Composite Rate \$/th	\$0.97076	\$0.94765	\$0.97076	
Effective Ratio	1.07	1.15	1.07	

Composite Rate:

Baseline Revenue \$000 =	\$586,400	\$547,516	\$586,400
Customer Charge revenue = ccr =	\$332,928	\$332,928	\$332,928
SubMeter Credit = sc =	(\$12,903)	(\$12,903)	(\$12,903)
	<u>\$906,425</u>	<u>\$867,541</u>	<u>\$906,425</u>
Base Line Vols mth/yr = blv =	1,682,421	1,682,421	1,682,421
	<u>\$0.53876</u>	<u>\$0.51565</u>	<u>\$0.53876</u>
Gas Rate \$/th =	<u>\$0.43200</u>	<u>\$0.43200</u>	<u>\$0.43200</u> Misc Inputs
Composite Rate \$/th	<u>\$0.97076</u>	<u>\$0.94765</u>	<u>\$0.97076</u>

#5 LMM Volumetric Rate

LMM = Master Meter BL/NBL Rates are set proportional to proposed SF BL/NBL Rates

$(\text{Blrate} * \text{Blvolumes}) + (\text{presentNBL/Blratio} * \text{Blrate} * \text{NBLvolumes}) = \text{LMM Volumetric revenue}$

LMM Volumetric revenue NonCAT \$000/yr= \$2,380

Blvolumes = 8,288

proposed SF NBL/Blratio:

SF BL rate =	\$0.34855
SF NBL rate =	<u>\$0.60855</u>
ratio	1.75
NBLvolumes =	2,856

solve for Blrate:

$\text{Blrate} * (\text{Blvolume} + (\text{NBLvolume} * \text{ratio})) = \text{LMM volumetric revenue}$

$\text{Blrate} = \text{Revenue} / (\text{Blvolume} + (\text{NBLvolume} * \text{ratio}))$

	Proposed LMM		
	Volumetric rate \$/th	LMM Vol mth/yr	LMM vol rev \$000/yr
Blrate \$/th =	<u>\$0.17932</u>	8,288	\$1,486
NBLrate = Blrate * ratio = \$/th	<u>\$0.31308</u>	2,856	\$894
	<u>\$0.21360</u>	11,143	\$2,380
ratio of proposed rates =	1.75		

SoCalGs Residential Rate Design Data
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Residential Customer Class Data for 2006	Tariff	# Customers	Mth/year Base	Mth/year Non	Mth/year Total	Source
			Line	Base Line		
Single Family	GR	3,572,881	1,169,902	629,828	1,799,730	2010 Actual Data KP 9/4/2011
Multi Family	GR	1,632,925	315,584	66,415	381,999	2010 Actual Data KP 9/4/2011
Master Meters:						
Small Master Meter	GM	119,324	197,021	93,286	290,307	2010 Actual Data KP 9/4/2011
Large Master Meter	GMB	54	8,288	2,856	11,144	2010 Actual Data KP 9/4/2011
# master meters		119,378	205,309	96,142	301,451	
total		5,325,184	1,690,795	792,385	2,483,180	
# Master Meters w/ Submeters	GS	1,819	n/a	n/a	n/a	2010 Actual Data KP 9/4/2011
Total # Submetered units	GS	143,922	n/a	n/a	n/a	2010 Actual Data KP 9/4/2011

2006 actuals as % of total

Single Family	GR	67.1%	47.1%	25.4%	72.5%	
Multi Family	GR	30.7%	12.7%	2.7%	15.4%	
Master Meters:						
Small Master Meter	GM	2.2%	7.9%	3.8%	11.7%	
Large Master Meter	GMB	0.0%	0.3%	0.1%	0.4%	
# master meters		2.2%	8.3%	3.9%	12.1%	
total		100.0%	68.1%	31.9%	100.0%	
# Master Meters w/ Submeters	GS	1.5%	n/a	n/a	n/a	
Average # submeters per master meter	GS	79	n/a	n/a	n/a	

2009BCAP Forecast Residential Data Allocated to SF/MF/MM:

2009BCAP Forecast		5,548,854			2,483,053	Alloc Factors
Single Family						
Single Family	GR	3,722,951	1,169,842	629,796	1,799,638	
Multi Family	GR	1,701,512	315,568	66,412	381,979	
Master Meters:						
Small Master Meter	GM	124,336	197,011	93,281	290,292	
Large Master Meter	GMB	56	8,288	2,856	11,143	
# master meters		124,392	205,299	96,137	301,436	
total		5,548,854	1,690,709	792,345	2,483,053	
# Master Meters w/ Submeters	GS	1,895	n/a	n/a	n/a	
Total # Submetered units	GS	149,967	n/a	n/a	n/a	

SoCalGas
 Res Meter Size Data
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

Meter Size	New Meter Unit Cost (\$/meter)	wgts	Recorded # Res Customers	% allocation of Scalar	Allocation of Scalar	Forecast # Res Customers	# Large Master Meters	# of SF, MF & SMM customers
1	\$49	21	4,772,857	94.5%	446,568	5,219,425		5,219,425
2	\$57	20	121,196	2.3%	10,800	131,996		131,996
3	\$104	19	157,870	2.8%	13,364	171,234		171,234
4	\$481	18	15,809	0.3%	1,268	17,077		17,077
5	\$529	17	1,810	0.0%	137	1,947	0	1,947
6	\$630	16	3,925	0.1%	280	4,205	0	4,205
7	\$605	15	382	0.0%	26	408	0	408
8	\$652	14	1,827	0.0%	114	1,941	0	1,941
9	\$981	13	360	0.0%	21	381	0	381
10	\$1,322	12	193	0.0%	10	203	19	184
11-15	\$1,676	11	19	0.0%	1	20	20	0
16	\$2,230	10	8	0.0%	0	8	8	0
17	\$7,992	9	3	0.0%	0	3	3	0
18	\$5,200	8	1	0.0%	0	1	1	0
20	\$8,849	7	2	0.0%	0	2	2	0
21	\$6,106	6	0	0.0%	0	0	0	0
23	\$7,648	5	0	0.0%	0	0	0	0
24	\$13,485	4	2	0.0%	0	2	2	0
25-26	\$30,000	3	0	0.0%	0	0	0	0
28	\$25,210	2	1	0.0%	0	1	1	0
34	\$54,000	1	0	0.0%	0	0	0	0
Total			5,076,265		472,589	5,548,854	56	5,548,798
Forecasted Customers			5,548,854	<i>Alloc Factors</i>			56	<i>Res Data</i>
Scalar			472,589					
Meter Cost =						\$53.39	\$3,125.93	\$53.36

Procedures:

- #1 Calculate # customers by Tier
- #2 Calculate # Therms by Tier
- #3 Calculation of Volumetric Rates
- #4 Calculation of CAT Adder:

Results	Rate \$/mo or \$/th	# Customers	AYTP mth/yr	revenue \$000/yr
Customer Charge:				
Tier 1 <1,000 th/yr	\$15.00	149,077		\$26,834
Tier 2 >1,000 th/yr	\$15.00	61,373		\$11,047
Customer Charge	\$15.00	210,450		\$37,881
Tier 1 0 to 250 th/mo				
Tier 1 0 to 250 th/mo	\$0.39647		230,544	\$91,403
Tier 2 250 to 4,167 th/mo	\$0.18791		510,293	\$95,891
Tier 3 over 4,167 th/mo	\$0.04808		272,340	\$13,094
Total Volumetric	\$0.19778		1,013,177	\$200,389
Total Volumetric & Customer Charge	\$0.23517		1,013,177	\$238,270
CAT Adder	(\$0.01314)		84,283	(\$1,108)
CSITMA Adder \$/th	0.00074932		1,009,456	\$756
Total CCI	\$0.23482		1,013,177	\$237,918

Alloc Factors
Alloc Factors

#1 Calculate # customers by Tier

	2010 # Bills/yr	% total	Forecast # Customers	Source
Tier 1	1,497,982	70.8%	149,077	Recorded 2010
Tier 2	616,694	29.2%	61,373	Recorded 2010
	2,114,676	100.0%	210,450	Alloc Factors

#2 Calculate # Therms by Tier

2006 Mdth/yr	2010 Total Mdth/yr	% total	Forecast Volumes Mth/yr	Source
Tier 1 *	229,796.7	22.8%	230,544	Recorded 2010
Tier 2	508,638.7	50.4%	510,293	Recorded 2010
Tier 3	271,456.5	26.9%	272,340	Recorded 2010
	1,009,891.9	100.0%	1,013,177	Alloc Factors

Notes:
* Tier 1 without seasonality, Tier 1 includes volumes up to 250 th/mo in winter & Summer months.

#3 Calculation of Volumetric Rates

	Current Rates	% difference from Tier 1	Forecast Vol Mth/yr	Vol Rate Base Margin Items \$/th	Vol Rev Base Margin Items \$000	Vol Rate NonBase Margin Items \$/th	Total Vol Rate \$/th	Total Vol Rev \$000	Source	% Tier Rate Change
Tier 1	\$0.49751		230,544	\$0.40452	\$93,259	(\$0.00805)	\$0.39647	\$91,403	2009 Rate Tables	-20.3%
Tier 2	\$0.24101	48%	510,293	\$0.19596	\$99,998	(\$0.00805)	\$0.18791	\$95,891	2009 Rate Tables	-22.0%
Tier 3	\$0.06903	14%	272,340	\$0.05613	\$15,286	(\$0.00805)	\$0.04808	\$13,094	2009 Rate Tables	-30.4%
			1,013,177		\$208,543		\$0.19778	\$200,389		
Total Allocated Base Margin Costs to CCI					\$230,033	Cost Alloc				
Less CAT Related Costs allocated to CCI \$000					\$1,108	Cost Alloc				
Plus Core Average Adjust \$000					\$0	Cost Alloc				
Plus Non-ECPT items					\$15,284	Cost Alloc				
Amount to be allocated based on current tier difference less customer charge revenue					\$246,424					
Target Vol Rev \$000 =					\$208,543					
Vol revenue Check should be \$0					\$0					
Total Allocated Costs					\$237,918	Cost Alloc				
Less CAT Related Costs allocated to CCI \$000					\$1,108	Cost Alloc				
Less CSITMA Adder \$/th					(\$756)	Cost Alloc				
Total Allocated Costs					\$238,270					
Amount to be allocated based on current tier difference					\$246,424					
Total Allocated NonBase Margin Costs					(\$8,155)					
Forecast AYTP Mth/yr					1,013,177					
Volumetric Rate for NonBaseMargin Items \$/th					(\$0.00805)					

Notes:
Rate 1 = $[(1 * \text{volume}1) + (1 * \text{tier 2 \% difference} * \text{Volume}2) + (1 * \text{tier 3 \% difference} * \text{Volume}3)] / (1 / \text{volumetric revenue}) - 1$
Rate 2 = Rate 1 * % difference from tier 1
Rate 3 = Rate 1 * % difference from tier 1

Volumetric rates are calculated in 2 parts:
part 1 = base margin - CAT costs + Core Averaging Adjustment - Customer Chareg Revenue is allocated amongst the tiers based on current rates.
part 2 = non base margin items are allocated ECPT among tiers.

#4 Calculation of CAT Adder:

CAT Related Costs allocated to CCI \$000	(\$1,108)
CAT Volumes Mth/yr	84,283
CAT Rate Adder \$/th	(\$0.01314)

SOCALGAS

G-AC Rate Design

2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

Single volumetric tier and a single customer charge.

Volumetric rate based on allocated costs, less customer charge revenue, divided by AYTP.

Calculation of Volumetric Transmission Rate:		Source
Total Transportation Revenue \$000	\$39.068	Cost Alloc
CSITMA Adder	\$0.431	Cost Alloc
Less Customer Charge Revenue:		
# customers	12	
Customer Charge \$/mo	\$150.00	
Customer Charge Revenue \$000/yr	\$22	
Volumetric Revenue \$00/yr	\$17	
AYTP mth/yr	575	Alloc Factors
Volumetric Rate \$/th	\$0.02962	

SOCALGAS**G-EN Rate Design****2013TCAP SCG RD Model - 2/22/2013 Update Filing****Procedure:**

 Single volumetric tier and a single customer charge.

 Volumetric rate based on allocated costs, less customer charge revenue, divided by AYTP.

Calculation of Volumetric Transmission Rate:		Source
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$1,649	Cost Alloc
Subtotal Other Operating Costs and Revenues	\$127	Cost Alloc
Total Regulatory Accounts	(\$131)	Cost Alloc
Core Interstate Pipeline Demand Charges (IPDC)	\$0	Cost Alloc
Core Averaging	\$0	Cost Alloc
EOR Revenue allocated to Other Classes \$000	(\$4)	Cost Alloc
EOR Costs allocated to Other Classes \$000	\$4	Cost Alloc
Total Transportation Revenue \$000	\$1,645	
AYTP mth/yr	17,984	Alloc Factors
average rate \$/th	\$0.09148	
G-EN CAP \$/th	\$0.12163	
AYTP mth/yr	17,984	Alloc Factors
Revenue @ G-EN CAP rate \$000	\$2,187	
Reduction in rate required to match CAP	\$0	
Transportation Revenue to match CAP	\$1,645	
average rate \$/th	\$0.09148	
Total Transportation Revenue (post CAP) \$000	\$1,645	Cost Alloc
CSITMA Adder	\$13	
Less Customer Charge Revenue:		
# customers	708	
Customer Charge \$/mo	\$50.00	
Customer Charge Revenue \$000/yr	\$425	
Volumetric Revenue \$00/yr	\$1,207	
AYTP mth/yr	17,984	Alloc Factors
Volumetric Rate \$/th	\$0.06711	

Calculation of G-EN CAP:		Source
G-EN Cap (incl IPDC, EE & RDD)	\$0.20384	2008RD Model
Less IPDC	(\$0.03564)	2008RD Model
Less EE & RDD rate \$/th	(\$0.04657)	2008RD Model
G-EN CAP (Ex IPDC, EE & RDD)	\$0.12163	
Calculation of EE & RDD rate \$/th:		
allocated EE \$000's	\$767	2008RD Model
allocated LIEE \$000's	\$0	2008RD Model
Less allocated CEA balance:		
total CEA balance \$000's	\$3,317	2008RD Model
DSM allocator	0.99%	2008RD Model
	\$33	
Plus allocated RDD:		
total RDD \$000's	\$11,357	2008RD Model
EPMC All Ex UBS & EOR	0.12%	2008RD Model
	\$13	
Allocated EE & RDD \$000's	\$747	
AYTP Mth/yr	16,040	2008RD Model
Less EE & RDD rate \$/th	\$0.04657	

SOCALGAS**NGV Cost Allocation****2013TCAP SCG RD Model - 2/22/2013 Update Filing****Procedure:**

 Rates based on allocated costs divided by AYTP.

 SW rate based on combined allocated costs divided by combined AYTP.

Calculation of Costs Allocated to NGV:

		Source
NGV Revs on a Pre-Semprawide Basis	\$8,384	Cost Alloc
Less EC Compression Costs	\$1,150	Cost Alloc
CSITMA Adder \$/th	\$99	Cost Alloc
Total Transport Rev Stand Alone	\$7,134	

Pre SW Calculation of Compression Adder Rate:

EC Compression Costs	\$1,150	
Compression Volumes mth/yr	1,233	SCG NGV Compression Adder model
Pre SW Compression Adder Rate \$/th	\$0.93319	

Calculation of Customer Charge Revenue:

	P-1	P-2A	Total	Source
Customer Charge \$/mo	\$13.00	\$65.00	\$24.77	
# Customers	229	67	296	NGV Dept FC 12-18-2007/ Alloc Factors
Customer Charge Revenue \$000/yr	\$36	\$52	\$88	

Pre-SW Calculation of NGV Transportation Rate:

		Source
Total Transport Rev Stand Alone	\$7,134	
Less Customer Charge revenue \$000/yr	\$88	
Volumetric Revenue \$000/yr	\$7,046	
Transportation volumes mth/yr	131,912	Alloc Factors
Pre-SW NGV Transportation Rate \$/th	\$0.05342	

Calculation of Post SW NGV Rates:	SCG	SDGE	Total	
Pre-SW Transportation Volumetric Revenue w/FFU	\$7,046	\$665	\$7,712	SDGE RD Model / NGV Rates
FFU	101.73%	102.31%		Misc Input/ SDGE RD Model
Pre-SW Transportation Volumetric Revenue w/oFFU	\$6,927	\$650	\$7,577	
Transportation volumes mth/yr	131,912	11,606	143,518	SDGE RD Model / NGV Rates
SW Average Transport Rate w/o FFU \$/th			\$0.05280	
Calculation of SW Transport Revenue w/o FFU:				
Transportation volumes mth/yr	131,912	11,606	143,518	
Post SW Volumetric Rates w/o FFU\$/th	\$0.05280	\$0.05280	\$0.05280	
Post SW Volumetric Revenue w/o FFU	\$6,964	\$613	\$7,577	
Pre-SW Transportation Volumetric Revenue w/o FFU	\$6,927	\$650	\$7,577	
SW UnCompressed Volumetric Adjustment w/o FFU	\$38	(\$38)	(\$0)	
Calculation of SW Transport Revenue w/ FFU:				
Transportation volumes mth/yr	131,912	11,606	143,518	
Post SW Volumetric Rates w/ FFU\$/th	\$0.05371	\$0.05402	\$0.05373	
Post SW Volumetric Revenue w/ FFU	\$7,085	\$627	\$7,712	
Pre-SW Transportation Volumetric Revenue w/FFU	\$7,046	\$665	\$7,712	
SW UnCompressed Volumetric Adjustment w/FFU	\$38	(\$39)	(\$0)	
Pre-SW Compressor Revenue w/FFU				
FFU	\$1,150	\$181	\$1,331	SDGE RD Model / NGV Rates
	101.73%	102.31%		Misc Input/ SDGE RD Model
Pre-SW Compressor Revenue w/o FFU	\$1,131	\$176	\$1,307	
Compressor Volumes Mth/yr	1,233	163	1,395	SDGE RD Model / NGV Rates
SW Average Compressor Rate w/o FFU \$/th			\$0.93693	
Calculation of SW Compressor Revenue w/o FFU:				
Compressor Volumes Mth/yr	1,233	163	1,395	
SW Average Compressor Rate w/o FFU \$/th	\$0.93693	\$0.93693	\$0.93693	
Post SW Compresssor Revenue w/o FFU	\$1,155	\$152	\$1,307	
Pre-SW Compressor Revenue w/o FFU	\$1,131	\$176	\$1,307	
SW Compressed Adjustment w/o FFU	\$24	(\$24)	(\$0)	
Calculation of SW Compressor Revenue w/ FFU:				
Compressor Volumes Mth/yr	1,233	163	1,395	
SW Average Compressor Rate w/ FFU \$/th	\$0.95311	\$0.95858	\$0.95374	
Post SW Compresssor Revenue w/ FFU	\$1,175	\$156	\$1,331	
Pre-SW Compressor Revenue w/ FFU	\$1,150	\$181	\$1,331	
SW Compressed Adjustment w/ FFU	\$25	(\$25)	(\$0)	
Total NGV Revenue w/FFU:				
Pre-SW Vol & Compressor Adder W/FFU	\$8,197	\$846	\$9,043	
Post-SW Volumetric & Compressor Adder w/FFU	\$8,260	\$783	\$9,042	
	\$63	(\$63)	(\$0)	

SoCalGas Residential NGV Rates
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

-
- Calculate average cost per residential customer.
 - Calculate incremental cost for a Fuel Maker (FM)
 - Calculate total revenue required from a residential customer with a fuel maker.
 - Deduct customer charge revenue to obtain volumetric revenue requirement
 - Calculate total therms/year from residential customers with a fuel maker
 - Calculate volumetric rate for Res customer with FM as total costs (including FM) / total volumes (incl FM)
-

Results of Res Data:	Rate	# Res Customers with Fuel Maker	AYTP Mth/yr	Revenue \$000/yr
Customer Charge \$/mo	\$10.00	5,549		\$666
Volumetric Rate \$/th	\$0.13390		5,433	\$728
				<u>\$1,393</u>

Calculation of Total Revenue from Res Customers with FM:		Source
Res Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr	\$1,390,745	Cost Alloc
# Res Customers	<u>5,548,854</u>	Alloc Factors
Residential Cost = \$/Customer/year	\$251	
Additional cost for FM = \$/customer/year	\$60	
Total cost for Res customer with FM = \$/customer/yr	\$311	
Total # FM customers	<u>5,549</u>	
Total Revenue from Res Customers with FM=\$000	\$1,726	
# Res Customers with FM	5,549	
Customer Charge = \$/mo	<u>\$10.00</u>	
Customer Charge Revenue = \$000/yr	<u>\$666</u>	
Volumetric Revenue from Res Customers with FM=\$000	<u>\$1,060</u>	
Total Mth/year of Res Customers with FM=Mth/yr	<u>7,916</u>	
Vol Transport Rate for Res Customer with FM=\$/th	<u>\$0.13390</u>	

Calculation of Total Mth/year of Res Customers with Fuel Maker ("FM"):**Source**

Average Residential Th/year:		
Total Residential AYTP=Mth/yr	2,483,053	Alloc Factors
# Residential Customer	5,548,854	Alloc Factors
Average Residential Th/year	447	
Additional Th/year for FM:		
Total Fuel Maker Mth/yr	5,433	
Total # Fuel Maker customers	5,549	
Additional Th/year for Fuel Maker	979	
Total Th/year for Res Customer with FM = th/yr	1,427	
Total # FM customers	5,549	
Total Mth/year of Res Customers with FM=Mth/yr	7,916	

Calculation of FM therms/year and # FM Customers:**Source**

FM Usage Per Day Per Home (therm/day)	2.69	data provided from NGV Group
x avg #days/month	30.3	32 customers on NGVR for 12 months
FM Usage Per Day Per Home (therm/day)	81.6	average yearly increase/customer was 645 th/year or 1.72 th/day
Total # Res Customers	5,548,854	Alloc Factors
% of Res. Households Having NGV refueling at home	0.1%	2005BCAP Represents % of all res customers; results robust in 0-5% range.
Total # FM customers	5,549	
Total FM Mth/yr	5,433	
Total FM Mth/month	453	
Total FM Mth/day	14.9	

Calculation of Additional cost for FM = \$/customer/year:

Additional cost for FM Source

Incremental Customer Costs \$000/yr

One Time Billing System Costs \$000
Amortization period = years

\$100
5

Incremental Customer Costs \$000/yr

\$20

Incremental MPD Costs \$000/yr

Res CYPD Mth/d
FM Est Peak Day Mth/d
FM CYPD as % Res CYPD
Res MPD Costs \$000

24,904
14.9
0.06%
\$309,758

Alloc Factors

Cost Allocation

Total MPD Costs \$000

\$185

Incremental HPD Costs \$000/yr

Res CYPM Mth/mo
FM Est CYPM Mth/mo
FM CYPM as % Res CYPM
Res HPD Costs \$000

411,974
453
0.11%
\$53,477

Alloc Factors

Cost Allocation

Total HPD Costs (\$1,000)

\$59

Incremental BBT Costs for FM \$000/yr

Res CYTP Mth/yr
FM Est Peak CYTP Mth/d
FM CYTP as % Res CYTP
Res BBT Costs w/SI \$000

w/SI
2,718,471
5,433
0.20%
\$0

Alloc Factors

Use AYTP of FM market

Cost Allocation

Incremental BBT Costs \$000

\$0

Incremental Local-T Costs for FM \$000/yr:

Res CYPM Mth/mo
FM Est CYPM Mth/mo
FM CYPM as % Res CYPM
Res Local-T Costs w/SI \$000

411,974
453
0.11%
\$19,085

Alloc Factors

Use AYTP of FM market

Cost Allocation

Incremental Local-T costs \$000

\$21

Incremental Storage Costs - Seasonal for FM \$000/yr:

Res CYPD Mth/d	24,904	Alloc Factors
FM Est Peak Day Mth/d	14.9	
FM Peak Day as % Res Peak Day	0.06%	
Res Storage Costs - Seasonal \$000	\$36,267	Cost Allocation
Storage Costs - Seasonal for FM \$000	\$22	

Incremental Storage Costs - Load Balancing for FM \$000/yr:

Res AYTP Mth/y	2,483,053	Alloc Factors
FM Est AYTP Mth/y	5,433	
FM Peak Day as % Res Peak Day	0.22%	
Res Storage Costs - Load Balancing \$000	\$2,292	Cost Allocation
Storage Costs - Load Balancing for FM \$000	\$5	

Incremental Co Use Transmission for FM \$000/yr:

FM Est AYTP Mth/y	5,433	
Co Use Trans rate as % of end use	0.000%	Misc Input
CoUse Trans for FM Mth/yr	0	
WACOG \$/dth	\$4.32	Misc Input
Co Use Transmission for FM \$000/yr	\$0	

Incremental UAF for FM \$000/yr:

FM Est AYTP Mth/y	5,433	
UAF rate as % of end use	0.761%	Misc Input
UAF for FM Mth/yr	41	
WACOG \$/dth	\$4.32	Misc Input
UAF for FM \$000/yr	\$18	

Incremental Transport Rev Req w/SI, w/oFFU \$000/yr	\$329	
FFU Rate	101.73%	Cost Allocation
Incremental Transport Rev Req w/SI, FFU \$000/yr	\$335	
# FM Customers	5,549	
Additional cost for FM = \$/customer/year	\$60	

**SoCalGas NonCore C&I Distribution Rate Design
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

Procedures:

- #1 Calculate # Therms by Tier
#2 Calculation of Proposed Rates:

Results	Rate \$/mo or \$/th	# Customers	AYTP mth/yr	revenue \$000/yr
Customer Charge:	\$350	647		\$2,716
Tier 1 0 to 250 th/mo	\$0.11792		129,737	\$15,299
Tier 2 250 to 4,167 th/mo	\$0.06970		212,168	\$14,787
Tier 3 over 4,167 th/mo	\$0.03885		106,660	\$4,143
Tier 4	\$0.01680		422,392	\$7,097
Total Volumetric	\$0.04745		870,957	\$41,327
Total Volumetric & Customer Charge	\$0.05057		870,957	\$44,043
CSITMA Adder \$/th	0.00075			\$642
Total NCCI	\$0.05130		870,957	\$44,684

#1 Calculate # Therms by Tier	2010 NCCI-D excl Refinery usage Mth/yr	2010 NCCI-D Refinery usage Mth/yr	2010 Total NCCI-D Mth/yr	% total	Forecast Volumes Mth/yr	Source
# customers					647	NCCI Detal Alloc
Tier 1	131,660	3,021	134,681	14.9%	129,737	Recorded 2010
Tier 2	211,796	8,457	220,253	24.4%	212,168	Recorded 2010
Tier 3	99,996	10,728	110,724	12.2%	106,660	Recorded 2010
Tier 4	177,770	260,718	438,488	48.5%	422,392	Recorded 2010
	621,222	282,924	904,146	100.0%	870,957	Alloc Factors

#2 Calculation of Proposed Rates:

	Current Rates	% difference from Tier 1	Forecast Vol Mth/yr	Vol Rate Base Margin Items \$/th	Vol Rev Base Margin Items \$000	Vol Rate NonBase Margin Items \$/th	Pre-SA Vol Rate \$/th	Pre-SA Vol Rev \$000	Source
Tier 1	\$0.11956		129,737	\$0.11693	\$15,170	\$0.00100	\$0.11792	\$15,299	2009 rates
Tier 2	\$0.07025	59%	212,168	\$0.06870	\$14,576	\$0.00100	\$0.06970	\$14,787	2009 rates
Tier 3	\$0.03870	32%	106,660	\$0.03785	\$4,037	\$0.00100	\$0.03885	\$4,143	2009 rates
Tier 4	\$0.01616	14%	422,392	\$0.01580	\$6,675	\$0.00100	\$0.01680	\$7,097	2009 rates
			870,957		\$40,458		\$0.04745	\$41,327	
Total Allocated Base Margin Costs to NCCI-D					\$40,047				NCCI Detal Alloc
Plus Non-ECPT items					\$3,127				
Amount to be allocated based on current tier difference					\$43,174				
less customer charge revenue:									
# Customers					647				NCCI Detal Alloc
Customer Charge \$/mo					\$350.00				
less customer charge revenue					(\$2,716)				
Target Base Margin portion of Vol Rev \$000 =					\$40,458				
Vol revenue Check should be \$0					\$0				
Total Allocated Costs to NCCI-D					\$44,684				NCCI Detal Alloc
Less CSITMA Adder \$/th					\$642				NCCI Detal Alloc
Total Allocated Costs					\$44,043				
Total Allocated Base Margin Costs to NCCI-D					\$43,174				
Total Allocated NonBase Margin Costs to NCCI-D					\$869				
Forecast AYTP Mth/yr					870,957				
Volumetric Rate for NonBaseMargin Items \$/th					\$0.00100				

SOCALGAS
EG Distribution Rate Design

2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

Rates based on allocated costs divided by AYTP.

SW rate based on combined allocated costs divided by combined AYTP.

Summary of EG Distribution Rates:	Pre Sempra Wide Rates			Post Sempra Wide Rates		
	Mth/yr	Rate \$/th	Revenue \$000's	Mth/yr	Rate \$/th	\$000's
EFBA Exempt Rates:						
EG Distribution Tier 1:						
Customer Charge	125	\$50.00	\$75	125	\$50.00	\$75
Volumetric Rate (excl ITCS)	42,203	\$0.06532	\$2,757	42,203	\$0.06914	\$2,918
	42,203	\$0.06710	\$2,832	42,203	\$0.07092	\$2,993
EG Distribution Tier 2						
Customer Charge	29	\$0.00	\$0	29	\$0.00	\$0
Volumetric Rate	276,832	\$0.02815	\$7,794	276,832	\$0.02633	\$7,290
	276,832	\$0.02815	\$7,794	276,832	\$0.02633	\$7,290
EG Distribution EFBA Exempt Customers	319,035	\$0.03331	\$10,626	319,035	\$0.03223	\$10,283
EFBA Non-Exempt Rates:						
EFBA Cost Adder	232,796	\$0.00000	\$0	232,796	0.00000	\$0
EG-Distribution Tier 1 w/EFBA Adder		\$0.06532			0.06914	
EG-Distribution Tier 2 w/EFBA Adder		\$0.02815			0.02633	
Total EG Distribution Level	319,035	\$0.03331	\$10,626	319,035	\$0.03223	\$10,283

Calculation of Pre SempraWide EG-D Rate Excl EFBA	EG-D Tier 1	EG-D Tier 2	Total	Source
AYTP mth/yr	42,203	276,832	319,035	EG-EOR Detail Alloc
Total revenue \$000/yr	\$2,832	\$7,794	\$10,626	EG-EOR Detail Alloc
Less: EFBA	0	0	0	EG-EOR Detail Alloc
Total revenue net of AB32 Admin Fee \$000/yr	\$2,832	\$7,794	\$10,626	
total rate Incl Cust Chg \$/th	\$0.06710	\$0.02815	\$0.03331	
Customer Charge:				
Total Customers	125	29	154	EG-EOR Detail Alloc
Customer Charge	\$50.00	\$0.00		
Customer Charge Rev \$000/yr	\$75	\$0	\$75	
Volumetric Rate:				
Total revenue \$000/yr	\$2,832	\$7,794	\$10,626	
Less Customer Charge \$000/yr	\$75	\$0	\$75	
Volumetric Revenue \$000/yr	\$2,757	\$7,794	\$10,551	
Volumetric Rate /th	\$0.06532	\$0.02815	\$0.03307	

Calculation of Post SW EG Tier 1 Rates:	SCG	SDGE (*)	Combined	Source
Calculate average Tier 1 Rate:				
Pre-SW Tier 1 revenue w/FFU \$000/yr	\$2,832	\$1,495	\$4,327	SDGE RD Model/EG-D Rates
Less Customer Charge Revenue w/FFU \$000	\$75	\$24	\$99	SDGE RD Model/EG-D Rates
Pre-SW Tier 1 Volumetric revenue w/FFU \$000/yr	\$2,757	\$1,471	\$4,228	
FFU rate	101.73%	102.31%		Misc Input/ SDGE RD Model
Pre-SW Tier 1 revenue w/o FFU \$000/yr	\$2,784	\$1,461	\$4,245	SDGE RD Model/EG-D Rates
Less Customer Charge Revenue w/o FFU \$000	\$74	\$23	\$97	SDGE RD Model/EG-D Rates
Pre-SW Tier 1 Volumetric revenue w/o FFU \$000/yr	\$2,710	\$1,438	\$4,148	
AYTP Mth/yr	42,203	18,823	61,026	SDGE RD Model/EG-D Rates
average SW Tier 1 rate w/o FFU \$/th			\$0.06797	
Calculate Post-SW Revenue w/o FFU:				
AYTP Mth/yr	42,203	18,823	61,026	SDGE RD Model/EG-D Rates
Post SW Tier 1 Volumetric rate w/o FFU \$/th	\$0.06797	\$0.06797	\$0.06797	
Post-SW Tier 1 Volumetric Revenue w/o FFU \$000	\$2,868	\$1,279	\$4,148	
Plus Customer Charge Revenue w/o FFU \$000	\$74	\$23	\$97	
Post-SW Tier 1 Revenue w/o FFU \$000	\$2,942	\$1,303	\$4,245	
Pre-SW Tier 1 revenue w/o FFU \$000/yr	\$2,784	\$1,461	\$4,245	
Tier 1 SW Adjustment w/o FFU \$000	\$159	(\$159)	\$0	
Calculate Post-SW Revenue w/FFU:				
AYTP Mth/yr	42,203	18,823	61,026	
Post SW Tier 1 Volumetric rate w/FFU \$/th	\$0.06914	\$0.06954	\$0.06926	
Post-SW Tier 1 Volumetric Revenue w/FFU \$000	\$2,918	\$1,309	\$4,227	
Plus Customer Charge Revenue w/FFU \$000	\$75	\$24	\$99	
Post-SW Tier 1 Revenue w/FFU \$000	\$2,993	\$1,333	\$4,326	
Pre-SW Tier 1 revenue w/FFU \$000/yr	\$2,832	\$1,495	\$4,327	
Tier 1 SW Adjustment w/FFU \$000	\$161	(\$162)	(\$1)	

Calculation of Post SW EG Tier 2 Rates:	SCG	SDGE (*)	Combined	Source
Calculate average Tier 2 Rate:				
Pre-SW Tier 2 revenue w/FFU \$000/yr	\$7,794	\$1,576	\$9,370	SDGE RD Model/EG-D Rates
FFU rate	101.73%	102.31%		Misc Input/ SDGE RD Model
Pre-SW Tier 2 revenue w/oFFU \$000/yr	\$7,662	\$1,540	\$9,202	
AYTP Mth/yr	276,832	78,650	355,482	SDGE RD Model/EG-D Rates
average SW Tier 2 rate w/oFFU \$/th			\$0.02589	
Calculate Post-SW Revenue w/oFFU:				
AYTP Mth/yr	276,832	78,650	355,482	
Post SW Tier 2 rate w/o FFU \$/th	\$0.02589	\$0.02589	\$0.02589	
Post-SW Tier 2 Revenue w/o FFU \$000	\$7,166	\$2,036	\$9,202	
Pre-SW Tier 2 revenue w/oFFU \$000/yr	\$7,662	\$1,540	\$9,202	
Tier 2 SW Adjustment w/o FFU \$000	(\$496)	\$496	\$0	
Calculate Post-SW Revenue w/FFU:				
AYTP Mth/yr	276,832	78,650	355,482	
Post SW Tier 2 rate w/ FFU \$/th	\$0.02633	\$0.02648	\$0.02637	
Post-SW Tier 2 Revenue w/ FFU \$000	\$7,290	\$2,083	\$9,373	
Pre-SW Tier 2 revenue w/ FFU \$000/yr	\$7,794	\$1,576	\$9,370	
Tier 2 SW Adjustment w/ FFU \$000	(\$504)	\$507	\$3	

EFBA amounts \$000:				
EG-D Tier 1	\$0	\$0	\$0	RUN
EG-D Tier 2	\$0	\$0	\$0	RUN
Total EG-D Cost Adders for EFBA	\$0	\$0	\$0	

SUMMARY of Pre & Post SW revenue & rates w/FFU:			
Pre SW Total Revenue Tier 1 & 2 w/FFU \$000	\$10,626	\$3,071	\$13,696
Post SW Total Revenue Tier 1 & 2 w/FFU \$000	\$10,283	\$3,416	\$13,698
Total SW Adjustment w/FFU \$000	(\$343)	\$345	\$2
Total AYTP Mth/yr	319,035	97,473	416,508
Pre SW Average Rate w/FFU \$/th	\$0.03331	\$0.03150	\$0.03288
Post SW Average Rate w/FFU \$/th	\$0.03223	\$0.03504	\$0.03289

SoCalGas

NCCI Detail Allocation (allocation of total NCCI into NCCI-Distribution and NCCI-Transmission)

2013TCAP SCG RD Model - 2/22/2013 Update Filing

Detail Allocation of NCCI Costs NCCI Distribution & Transmission

Allocation Factors

Base Margin \$000/yr	Total Allocated to			Total Allocated to		Source	Allocation Method	NCCI - NCCI -		
	NCCI	NCCI-D	NCCI-T	NCCI				Total %	D	T
Base Margin Costs:										
Customer Cost w/o SA \$000	\$16,332	\$15,493	\$839	\$16,332		Cost Alloc				
Medium Pressure Distribution Costs	\$11,271	\$11,271	\$0	\$11,271		Cost Alloc				
High Pressure Distribution Costs	\$8,902	\$8,902	\$0	\$8,902		Cost Alloc				
Backbone Transmission Costs	\$17,146	\$9,903	\$7,242	\$17,146		Cost Alloc				
Local Transmission Costs	\$5,716	\$3,171	\$2,545	\$5,716		Cost Alloc				
Storage - Seasonal	\$0	\$0	\$0	\$0		Cost Alloc				
Storage - Load Balancing	\$1,662	\$958	\$704	\$1,662		Cost Alloc				
Storage - TBS	\$0	\$0	\$0	\$0		Cost Alloc				
Non-DSM Related Marketing	\$212	\$122	\$90	\$212		Cost Alloc				
Uncollectibles	\$152	\$124	\$28	\$152		Cost Alloc				
NGV Compression Costs:	\$0	\$0	\$0	\$0		Cost Alloc				
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	\$61,393	\$49,945	\$11,448	\$61,393						
Less Backbone Transmission Costs	(\$17,146)	(\$9,903)	(\$7,242)	(\$17,146)						
Less Local Transmission Costs	(\$5,716)	(\$3,171)	(\$2,545)	(\$5,716)						
 Plus Local Transmission Costs w/SI, FFU	 \$5,726	 \$3,177	 \$2,549	 \$5,726	 Cost Alloc	 % CYPM	 100%	 55%	 45%	
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$44,257	\$40,047	\$4,210	\$44,257						
Other Operating Costs and Revenues										
	<i>Non-ECPT?</i>									
n/a		\$0	\$0	\$0	\$0	Cost Alloc	0%	0%	0%	
n/a		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
n/a		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Company Use Gas: Other		\$122	\$70	\$51	\$122	Cost Alloc	% AYTP	100%	58%	42%
Company Use Gas: Storage Load Balancing		\$192	\$111	\$81	\$192	Cost Alloc	% AYTP	100%	58%	42%
AMI	Y	\$0	\$0	\$0	\$0	Cost Alloc	N/A	0%	0%	0%
Exchange Revenues & Interutility Transactions		\$3	\$2	\$1	\$3	Cost Alloc	% CYTP	100%	58%	42%
Fuel Cell Equipment Revenues	Y	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Marketing: DSM Program Awards		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Unaccounted For (UAF) Gas		\$2,318	\$1,337	\$981	\$2,318	Cost Alloc	% AYTP	100%	58%	42%
n/a		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Well Incidents & Surface Leaks		\$43	\$24	\$19	\$43	Cost Alloc	% CYPM	100%	55%	45%
Subtotal Other Operating Costs and Revenues		\$2,678	\$1,544	\$1,135	\$2,678					

Base Margin \$000/yr		Total Allocated to			Total Allocated to		Allocation Method	NCCI - NCCI -		
		NCCI	NCCI-D	NCCI-T	NCCI	Source		Total %	D	T
Regulatory Accounts										
Affiliate Transfer Fee Account (ATFA)	Y	(\$7)	(\$7)	(\$1)	(\$7)	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
FERC Settlement Proceeds Memorandum Account (FSPMA)		\$0	\$0	\$0	\$0	Cost Alloc	ECPT CORE	0%	0%	0%
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	Y	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Firm Access & Storage Rights Memorandum Account (FARSMA)		\$322	\$186	\$136	\$322	Cost Alloc	% AYTP	100%	58%	42%
California Solar Initiative Balancing Account (CSIBA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
G-PAL Balancing Account (GPBA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Core Fixed Cost Account (CFCA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
On-Bill Financing Balancing Account (OBFBA)	Y	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Economic Practicality Shortfall Memorandum Account (EPSMA)		\$506	\$292	\$214	\$506	Cost Alloc	% AYTP	100%	58%	42%
California Solar Initiative Thermal Memorandum Account (CSITPMA)		\$1,113	\$642	\$471	\$1,113	Cost Alloc	% AYTP	100%	58%	42%
Enhanced Oil Recovery Account (EORA)	Y	(\$7)	(\$6)	(\$1)	(\$7)	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Environmental Fee Balance Account EFBA		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Distribution Integrity Management Program Memorandum Account (DIMPBA)	Y	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Hazardous Substance Cost-Recovery Account (HSCRA)		\$1,215	\$700	\$514	\$1,215	Cost Alloc	% AYTP	100%	58%	42%
Honor Rancho Storage Memorandum Account (HRSMA)	Y	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Interim Call Center Memorandum Account (ICCMA)	Y	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Intervenor Award Memorandum Account (IAMA)		\$10	\$6	\$4	\$10	Cost Alloc	% AYTP	100%	58%	42%
Otay Mesa System Reliability Memorandum Account (OMSRMA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Gain / Loss on Sale Memorandum Account (GLOSMA)	Y	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
PCB Expense Account (PCBEA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Montebello True-Up Tracking Account (MTTA)	Y	\$186	\$107	\$79	\$186	Cost Alloc	% AYTP	100%	58%	42%
Noncore Fixed Cost Account (NFCA) Margin	Y	\$818	\$740	\$78	\$818	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Noncore Fixed Cost Account (NFCA) Nonmargin		(\$742)	(\$428)	(\$314)	(\$742)	Cost Alloc	% AYTP	100%	58%	42%
Noncore Storage Memorandum Account (NSMA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Integrated Transmission Balancing Account (ITBA) Margin		(\$758)	(\$438)	(\$320)	(\$758)	Cost Alloc	% CYTP	100%	58%	42%
Integrated Transmission Balancing Account (ITBA) Nonmargin		\$0	\$0	\$0	\$0	Cost Alloc	% CYTP	100%	58%	42%
Compressor Station Fuel and Power Balancing Account (CFPBA)		\$636	\$367	\$269	\$636	Cost Alloc	% CYTP	100%	58%	42%
Company-Use Fuel for Load Balancing Account (CUFLBA)		\$49	\$28	\$21	\$49	Cost Alloc	% AYTP	100%	58%	42%
System Reliability Memorandum Account (SRMA)		\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Noncore Storage Balancing Account (NSBA)		(\$3,672)	(\$2,118)	(\$1,555)	(\$3,672)	Cost Alloc	% AYTP	100%	58%	42%
Pension Balancing Account (PBA)	Y	\$2,061	\$1,865	\$196	\$2,061	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
PBOP Balancing Account (PBOPBA)	Y	\$473	\$428	\$45	\$473	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Research Development and Demonstration Expense Account (RDDEA)	Y	(\$0)	(\$0)	(\$0)	(\$0)	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Research Royalty Memorandum Account (RRMA)	Y	(\$2)	(\$2)	(\$0)	(\$2)	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Self-Generation Program Memorandum Account (SGPMA)		\$1,259	\$726	\$533	\$1,259	Cost Alloc	% AYTP	100%	58%	42%
Rewards & Penalties Balancing Account (RPBA)	Y	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Total Regulatory Accounts		\$3,459	\$3,090	\$369	\$3,459					

Base Margin \$000/yr	Total Allocated to			Total Allocated to			NCCI - NCCI -		
	NCCI	NCCI-D	NCCI-T	NCCI	Source	Allocation Method	Total %	D	T
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Core Averaging	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	58%	42%
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$50,395	\$44,680	\$5,714	\$50,395					
EOR Revenue allocated to Other Classes \$000	(\$94)	(\$85)	(\$9)	(\$94)	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
EOR Costs allocated to Other Classes \$000	\$99	\$89	\$9	\$99	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	Cost Alloc	EPAM NonCore C&I	100%	90%	10%
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$50,399	\$44,684	\$5,715	\$50,399					
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,510,295	870,957	639,338	1,510,295					
Average Rate w/oFAR \$/th	\$0.03337	\$0.05130	\$0.00894	\$0.03337					
FFU Rate	101.73%	101.73%	101.73%	101.73%					
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	1,510,295	870,957	639,338	1,510,295					
Sempra Wide & TLS Adjustments::									
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$50,399	\$44,684	\$5,715	\$50,399					
SW NGV Adjustment				\$0					
SW EG Adjustment				\$0					
TLS Adjustment				\$0					
Amount allocated to TLS Class \$000	(\$50,399)		(\$5,715)	(\$5,715)					
TLS revenue paid by class @ average TLS rate \$000	\$8,463		\$8,463	\$8,463					
	(\$41,936)	\$0	\$2,749	\$2,749					
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr	\$8,463	\$44,684	\$8,463	\$53,148					
Rate Tables difference									
AYTP Mth/yr	1,510,295	870,957	639,338	1,510,295					
Average Rate w/oBTS \$/th									
Rate Tables difference									
BTS w/FFU Charge \$000	\$24,500	\$14,151	\$10,349	\$24,500	Cost Alloc	% CYTP	100%	58%	42%
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr	\$74,899	\$58,835	\$16,063	\$74,899					
Average Rate w/ BTS \$/th	\$0.04959	\$0.06755	\$0.02513	\$0.04959					
Calculation of Allocation Factors:									
Forecast AYTP Mth/yr	1,510,295	870,957	639,338	1,510,295	Alloc Factors	% AYTP	100%	57.7%	42.3%
Forecast CYTP Mth/yr	1,514,446	874,741	639,705	1,514,446	Alloc Factors	% CYTP	100%	57.8%	42.2%
Forecast # Customers	682	647	35	682	Alloc Factors	% # Customers	100%	94.9%	5.1%
Forecast CYPM Mth/mo	123,610	68,576	55,034	123,610	Alloc Factors	% CYPM	100%	55.5%	44.5%
Base Margin Costs from CA Model including FFU	\$61,393	\$49,945	\$11,448			% FFU in CA model	100%	81.4%	18.6%
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$44,257	\$40,047	\$4,210			EPAM NonCore C&I	100%	90.5%	9.5%

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EG Detail Allocation (allocation of total EG into EG-Distribution and EG-Transmission)

2013TCAP SCG RD Model - 2/22/2013 Update Filing

Separate Distribution from Transmission

	Total Allocated to EG Tier 1 (1)	Total Allocated to EG Tier 2 (1)	Total Allocated to EG	EG-D Tier 1	EG-D Tier 2	EG-T	Total Allocated to EG	Source
Base Margin \$000/yr								
Base Margin Costs:								
Customer Cost w/o SA \$000	\$3,302	\$5,582	\$8,883	\$1,176	\$1,714	\$5,992	\$8,883	Cost Alloc
Medium Pressure Distribution Costs	\$782	\$896	\$1,678	\$782	\$896	\$0	\$1,678	Cost Alloc
High Pressure Distribution Costs	\$401	\$4,709	\$5,110	\$401	\$4,709	\$0	\$5,110	Cost Alloc
Backbone Transmission Costs	\$697	\$34,093	\$34,790	\$478	\$5,365	\$28,948	\$34,790	Cost Alloc
Local Transmission Costs	\$193	\$10,538	\$10,731	\$143	\$1,678	\$8,911	\$10,731	Cost Alloc
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Storage - Load Balancing	\$68	\$3,314	\$3,382	\$46	\$521	\$2,814	\$3,382	Cost Alloc
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Non-DSM Related Marketing	\$60	\$897	\$957	\$41	\$141	\$775	\$957	Cost Alloc
Uncollectibles	\$14	\$149	\$163	\$12	\$40	\$111	\$163	Cost Alloc
NGV Compression Costs:	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	\$5,516	\$60,178	\$65,694	\$3,080	\$15,064	\$47,551	\$65,694	
Less Backbone Transmission Costs	(\$697)	(\$34,093)	(\$34,790)	(\$478)	(\$5,365)	(\$28,948)	(\$34,790)	
Less Local Transmission Costs	(\$193)	(\$10,538)	(\$10,731)	(\$143)	(\$1,678)	(\$8,911)	(\$10,731)	
0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Plus Local Transmission Costs w/SI, FFU	\$193	\$10,557	\$10,750	\$143	\$1,680	\$8,926	\$10,750	Cost Alloc
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$4,820	\$26,104	\$30,923	\$2,602	\$9,702	\$18,619	\$30,923	
<u>Other Operating Costs and Revenues</u>								
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Company Use Gas: Other	\$5	\$243	\$248	\$3	\$38	\$206	\$248	Cost Alloc
Company Use Gas: Storage Load Balancing	\$8	\$382	\$390	\$5	\$60	\$325	\$390	Cost Alloc
AMI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Exchange Revenues & Interutility Transactions	\$0	\$7	\$7	\$0	\$1	\$6	\$7	Cost Alloc
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Unaccounted For (UAF) Gas	\$94	\$4,622	\$4,716	\$65	\$727	\$3,924	\$4,716	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Well Incidents & Surface Leaks	\$2	\$86	\$88	\$1	\$14	\$73	\$88	Cost Alloc
Subtotal Other Operating Costs and Revenues	\$109	\$5,340	\$5,449	\$75	\$840	\$4,534	\$5,449	

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**EG Detail Allocation (allocation of total EG into EG-Distribution and EG-Transmis
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

							Move SunValley & Magnolia from Distributi		
Base Margin \$000/yr	Allocation Method	Total %	EG-D 1	Tier EG-D Tier 2	EG-D Tier 2	EG-T	EG-D	Tier 2	SunValley & Remaining Magnolia EG-D Tier 2
Base Margin Costs:									
Customer Cost w/o SA \$000							\$1,714	\$110	\$1,604
Medium Pressure Distribution Costs							\$896	\$0	\$896
High Pressure Distribution Costs							\$4,709	\$1,685	\$3,024
Backbone Transmission Costs							\$5,365	\$2,231	\$3,134
Local Transmission Costs							\$1,678	\$697	\$980
Storage - Seasonal							\$0	\$0	\$0
Storage - Load Balancing							\$521	\$187	\$335
Storage - TBS							\$0	\$0	\$0
Non-DSM Related Marketing							\$141	\$59	\$82
Uncollectibles							\$40	\$16	\$23
NGV Compression Costs:							\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU							\$15,064	\$4,985	\$10,079
Less Backbone Transmission Costs							(\$5,365)	(\$2,231)	(\$3,134)
Less Local Transmission Costs							(\$1,678)	(\$697)	(\$980)
0	%CYTP	100%	1.4%	15.4%	83.2%		\$0	\$0	\$0
Plus Local Transmission Costs w/SI, FFU	%CYPM	100%	1.3%	15.6%	83.0%		\$1,680	\$601	\$1,079
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU							\$9,702	\$2,658	\$7,044
Other Operating Costs and Revenues									
n/a	0%	0%	0.0%	0.0%	0.0%		\$0	\$0	\$0
n/a	%AYTP	100%	1.4%	15.4%	83.2%		\$0	\$0	\$0
n/a	%AYTP	100%	1.4%	15.4%	83.2%		\$0	\$0	\$0
Company Use Gas: Other	%AYTP	100%	1.4%	15.4%	83.2%		\$38	\$16	\$22
Company Use Gas: Storage Load Balancing	%AYTP	100%	1.4%	15.4%	83.2%		\$60	\$25	\$35
AMI	N/A	0%	0.0%	0.0%	0.0%		\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	%CYTP	100%	1.4%	15.4%	83.2%		\$1	\$0	\$1
Fuel Cell Equipment Revenues	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0	\$0	\$0
Marketing: DSM Program Awards	%AYTP	100%	1.4%	15.4%	83.2%		\$0	\$0	\$0
Unaccounted For (UAF) Gas	%AYTP	100%	1.4%	15.4%	83.2%		\$727	\$302	\$425
n/a	%AYTP	100%	1.4%	15.4%	83.2%		\$0	\$0	\$0
Well Incidents & Surface Leaks	%CYPM	100%	1.3%	15.6%	83.0%		\$14	\$5	\$9
Subtotal Other Operating Costs and Revenues							\$840	\$349	\$492

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**EG Detail Allocation (allocation of total EG into EG-Distribution and EG-Transmis
2013TCAP SCG RD Model - 2/22/2013 Update Filing**

	<u>on (EG-D-T2) to Transmission (EG-T)</u>					<u>Summarize EG Class</u>			
Base Margin \$000/yr	Total	Allocation Method	Total %	SunValley & Magnolia	Remaining EG-D Tier 2	EG-D-T1	EG-D-T2	EG-T	Total EG
Base Margin Costs:									
Customer Cost w/o SA \$000	\$1,714	# Customers	100.0%	6.4%	93.6%	\$1,176	\$1,604	\$6,103	\$8,883
Medium Pressure Distribution Costs	\$896	CYPM Dist Only	100.0%	0.0%	100.0%	\$782	\$896	\$0	\$1,678
High Pressure Distribution Costs	\$4,709	CYPM	100.0%	35.8%	64.2%	\$401	\$3,024	\$1,685	\$5,110
Backbone Transmission Costs	\$5,365	CYTP	100.0%	41.6%	58.4%	\$478	\$3,134	\$31,178	\$34,790
Local Transmission Costs	\$1,678	CYTP	100.0%	41.6%	58.4%	\$143	\$980	\$9,608	\$10,731
Storage - Seasonal	\$0	0%	0.0%	0.0%	0.0%	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$521	CYPM	100.0%	35.8%	64.2%	\$46	\$335	\$3,000	\$3,382
Storage - TBS	\$0	0%	0.0%	0.0%	0.0%	\$0	\$0	\$0	\$0
Non-DSM Related Marketing	\$141	AYTP	100.0%	41.6%	58.4%	\$41	\$82	\$834	\$957
Uncollectibles	\$40	AYTP	100.0%	41.6%	58.4%	\$12	\$23	\$128	\$163
NGV Compression Costs:	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	\$15,064					\$3,080	\$10,079	\$52,535	\$65,694
Less Backbone Transmission Costs	(\$5,365)					(\$478)	(\$3,134)	(\$31,178)	(\$34,790)
Less Local Transmission Costs	(\$1,678)					(\$143)	(\$980)	(\$9,608)	(\$10,731)
0	\$0	CYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Plus Local Transmission Costs w/SI, FFU	\$1,680	CYPM	100.0%	35.8%	64.2%	\$143	\$1,079	\$9,527	\$10,750
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$9,702					\$2,602	\$7,044	\$21,276	\$30,923
Other Operating Costs and Revenues									
n/a	\$0	0%	0.0%	0.0%	0.0%	\$0	\$0	\$0	\$0
n/a	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
n/a	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Company Use Gas: Other	\$38	AYTP	100.0%	41.6%	58.4%	\$3	\$22	\$222	\$248
Company Use Gas: Storage Load Balancing	\$60	AYTP	100.0%	41.6%	58.4%	\$5	\$35	\$350	\$390
AMI	\$0	N/A	0.0%	0.0%	0.0%	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$1	CYTP	100.0%	41.6%	58.4%	\$0	\$1	\$6	\$7
Fuel Cell Equipment Revenues	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$727	AYTP	100.0%	41.6%	58.4%	\$65	\$425	\$4,227	\$4,716
n/a	\$0	0%	0.0%	0.0%	0.0%	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$14	CYPM	100.0%	35.8%	64.2%	\$1	\$9	\$78	\$88
Subtotal Other Operating Costs and Revenues	\$840					\$75	\$492	\$4,883	\$5,449

Base Margin \$000/yr	Total Allocated to EG Tier 1 (1)	Total Allocated to EG Tier 2 (1)	Total Allocated to EG	EG-D Tier 1	EG-D Tier 2	EG-T	Total Allocated to EG	Source
Regulatory Accounts								
Affiliate Transfer Fee Account (ATFA)	(\$1)	(\$4)	(\$5)	(\$0)	(\$2)	(\$3)	(\$5)	Cost Alloc
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$13	\$642	\$655	\$9	\$101	\$545	\$655	Cost Alloc
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
On-Bill Financing Balancing Account (OBFBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Enhanced Oil Recovery Account (EORA)	(\$1)	(\$4)	(\$5)	(\$0)	(\$1)	(\$3)	(\$5)	Cost Alloc
Environmental Fee Balance Account EFBA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Hazardous Substance Cost-Recovery Account (HSCRA)	\$49	\$2,422	\$2,471	\$34	\$381	\$2,056	\$2,471	Cost Alloc
Honor Rancho Storage Memorandum Account (HRSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Intervenor Award Memorandum Account (IAMA)	\$0	\$19	\$20	\$0	\$3	\$16	\$20	Cost Alloc
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
PCB Expense Account (PCBEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Montebello True-Up Tracking Account (MTTA)	\$8	\$372	\$379	\$5	\$58	\$316	\$379	Cost Alloc
Noncore Fixed Cost Account (NFCA) Margin	\$89	\$483	\$572	\$48	\$179	\$344	\$572	Cost Alloc
Noncore Fixed Cost Account (NFCA) Nonmargin	(\$30)	(\$1,479)	(\$1,509)	(\$21)	(\$233)	(\$1,256)	(\$1,509)	Cost Alloc
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Integrated Transmission Balancing Account (ITBA) Margin	(\$31)	(\$1,506)	(\$1,537)	(\$21)	(\$237)	(\$1,279)	(\$1,537)	Cost Alloc
Integrated Transmission Balancing Account (ITBA) Nonmargin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Compressor Station Fuel and Power Balancing Account (CFPBA)	\$26	\$1,264	\$1,290	\$18	\$199	\$1,073	\$1,290	Cost Alloc
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$2	\$97	\$99	\$1	\$15	\$82	\$99	Cost Alloc
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Noncore Storage Balancing Account (NSBA)	(\$150)	(\$7,322)	(\$7,472)	(\$103)	(\$1,152)	(\$6,217)	(\$7,472)	Cost Alloc
Pension Balancing Account (PBA)	\$224	\$1,216	\$1,440	\$121	\$452	\$867	\$1,440	Cost Alloc
PBOP Balancing Account (PBOPBA)	\$52	\$279	\$331	\$28	\$104	\$199	\$331	Cost Alloc
Research Development and Demonstration Expense Account (RDDEA)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	Cost Alloc
Research Royalty Memorandum Account (RRMA)	(\$0)	(\$1)	(\$1)	(\$0)	(\$0)	(\$1)	(\$1)	Cost Alloc
Self-Generation Program Memorandum Account (SGPMA)	\$51	\$2,511	\$2,562	\$35	\$395	\$2,132	\$2,562	Cost Alloc
Rewards & Penalties Balancing Account (RPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Total Regulatory Accounts	\$302	(\$1,014)	(\$711)	\$154	\$262	(\$1,128)	(\$711)	

Base Margin \$000/yr	Allocation Method	Total %	EG-D	Tier	EG-D	EG-T	SunValley & Remaining			
			1	Tier 2	Tier 2		EG-D	Tier 2	Magnolia	EG-D
Regulatory Accounts										
Affiliate Transfer Fee Account (ATFA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		(\$2)		(\$0)	(\$1)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	ECPT CORE	0%	0.0%	0.0%	0.0%		\$0		\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0		\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$101		\$42	\$59
California Solar Initiative Balancing Account (CSIBA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
G-PAL Balancing Account (GPBA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Core Fixed Cost Account (CFCA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
On-Bill Financing Balancing Account (OBFBFA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0		\$0	\$0
Economic Practicality Shortfall Memorandum Account (EPSMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Enhanced Oil Recovery Account (EORA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		(\$1)		(\$0)	(\$1)
Environmental Fee Balance Account EFBA	ECPT excluding exempt EG	100%	2.7%	17.8%	79.5%		\$0		\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0		\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	%AYTP	100%	1.4%	15.4%	83.2%		\$381		\$158	\$223
Honor Rancho Storage Memorandum Account (HRSMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Interim Call Center Memorandum Account (ICCMA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0		\$0	\$0
Intervenor Award Memorandum Account (IAMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$3		\$1	\$2
Otay Mesa System Reliability Memorandum Account (OMSRMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0		\$0	\$0
PCB Expense Account (PCBEA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Montebello True-Up Tracking Account (MTTA)	%AYTP	100%	1.4%	15.4%	83.2%		\$58		\$24	\$34
Noncore Fixed Cost Account (NFCA) Margin	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$179		\$49	\$130
Noncore Fixed Cost Account (NFCA) Nonmargin	%AYTP	100%	1.4%	15.4%	83.2%		(\$233)		(\$97)	(\$136)
Noncore Storage Memorandum Account (NSMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	%CYTP	100%	1.4%	15.4%	83.2%		(\$237)		(\$99)	(\$138)
Integrated Transmission Balancing Account (ITBA) Nonmargin	%CYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Compressor Station Fuel and Power Balancing Account (CFPBA)	%CYTP	100%	1.4%	15.4%	83.2%		\$199		\$83	\$116
Company-Use Fuel for Load Balancing Account (CUFLBA)	%AYTP	100%	1.4%	15.4%	83.2%		\$15		\$6	\$9
System Reliability Memorandum Account (SRMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0	\$0
Noncore Storage Balancing Account (NSBA)	%AYTP	100%	1.4%	15.4%	83.2%		(\$1,152)		(\$479)	(\$673)
Pension Balancing Account (PBA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$452		\$124	\$328
PBOP Balancing Account (PBOPBA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$104		\$28	\$75
Research Development and Demonstration Expense Account (RDDEA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		(\$0)		(\$0)	(\$0)
Research Royalty Memorandum Account (RRMA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		(\$0)		(\$0)	(\$0)
Self-Generation Program Memorandum Account (SGPMA)	%AYTP	100%	1.4%	15.4%	83.2%		\$395		\$164	\$231
Rewards & Penalties Balancing Account (RPBA)	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0		\$0	\$0
Total Regulatory Accounts							\$262		\$5	\$257

Base Margin \$000/yr	Total	Allocation Method	Total %	SunValley & Magnolia	Remaining EG-D Tier 2	EG-D-T1	EG-D-T2	EG-T	Total EG
Regulatory Accounts									
Affiliate Transfer Fee Account (ATFA)	(\$2)	EPAM	100.0%	27.4%	72.6%	(\$0)	(\$1)	(\$3)	(\$5)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	0%	0.0%	0.0%	0.0%	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$101	AYTP	100.0%	41.6%	58.4%	\$9	\$59	\$587	\$655
California Solar Initiative Balancing Account (CSIBA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	(\$1)	EPAM	100.0%	27.4%	72.6%	(\$0)	(\$1)	(\$3)	(\$5)
Environmental Fee Balance Account EFBA	\$0	AYTP	100.0%	0.0%	100.0%	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$381	AYTP	100.0%	41.6%	58.4%	\$34	\$223	\$2,215	\$2,471
Honor Rancho Storage Memorandum Account (HRSMA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Interim Call Center Memorandum Account (ICCMA)	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	\$3	AYTP	100.0%	41.6%	58.4%	\$0	\$2	\$18	\$20
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	0%	0.0%	0.0%	0.0%	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$58	AYTP	100.0%	41.6%	58.4%	\$5	\$34	\$340	\$379
Noncore Fixed Cost Account (NFCA) Margin	\$179	EPAM	100.0%	27.4%	72.6%	\$48	\$130	\$393	\$572
Noncore Fixed Cost Account (NFCA) Nonmargin	(\$233)	AYTP	100.0%	41.6%	58.4%	(\$21)	(\$136)	(\$1,352)	(\$1,509)
Noncore Storage Memorandum Account (NSMA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	(\$237)	CYTP	100.0%	41.6%	58.4%	(\$21)	(\$138)	(\$1,378)	(\$1,537)
Integrated Transmission Balancing Account (ITBA) Nonmargin	\$0	CYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Compressor Station Fuel and Power Balancing Account (CFPBA)	\$199	CYTP	100.0%	41.6%	58.4%	\$18	\$116	\$1,156	\$1,290
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$15	AYTP	100.0%	41.6%	58.4%	\$1	\$9	\$88	\$99
System Reliability Memorandum Account (SRMA)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$1,152)	AYTP	100.0%	41.6%	58.4%	(\$103)	(\$673)	(\$6,696)	(\$7,472)
Pension Balancing Account (PBA)	\$452	EPAM	100.0%	27.4%	72.6%	\$121	\$328	\$991	\$1,440
PBOP Balancing Account (PBOPBA)	\$104	EPAM	100.0%	27.4%	72.6%	\$28	\$75	\$227	\$331
Research Development and Demonstration Expense Account (RDDEA)	(\$0)	EPAM	100.0%	27.4%	72.6%	(\$0)	(\$0)	(\$0)	(\$0)
Research Royalty Memorandum Account (RRMA)	(\$0)	EPAM	100.0%	27.4%	72.6%	(\$0)	(\$0)	(\$1)	(\$1)
Self-Generation Program Memorandum Account (SGPMA)	\$395	AYTP	100.0%	41.6%	58.4%	\$35	\$231	\$2,296	\$2,562
Rewards & Penalties Balancing Account (RPBA)	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
Total Regulatory Accounts	\$262					\$154	\$257	(\$1,123)	(\$711)

Base Margin \$000/yr	Total Allocated to		Total	EG-D	EG-D	EG-T	Total	Source
	EG Tier 1 (1)	to EG Tier 2 (1)	Allocated to EG	Tier 1	Tier 2		Allocated to EG	
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Core Averaging	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$5,231	\$30,430	\$35,661	\$2,831	\$10,805	\$22,025	\$35,661	
EOR Revenue allocated to Other Classes \$000	(\$10)	(\$56)	(\$66)	(\$6)	(\$21)	(\$40)	(\$66)	Cost Alloc
EOR Costs allocated to Other Classes \$000	\$11	\$58	\$69	\$6	\$22	\$41	\$69	Cost Alloc
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$5,232	\$30,433	\$35,664	\$2,832	\$10,806	\$22,026	\$35,664	
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	61,537	3,011,386	3,072,923	42,203	473,851	2,556,869	3,072,923	
Average Rate w/oFAR \$/th	\$0.08502	\$0.01011	\$0.01161	\$0.06710	\$0.02280	\$0.00861	\$0.01161	
FFU Rate	101.7%	101.7%	101.7%	101.7%	101.7%	101.7%	101.7%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	61,537	3,011,386	3,072,923	42,203	473,851	2,556,869	3,072,923	

Sempra Wide & TLS Adjustments::

Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr

SW NGV Adjustment

SW EG Adjustment

TLS Adjustment

Amount allocated to TLS Class \$000

TLS revenue paid by class @ average TLS rate \$000

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr

Rate Tables
difference

AYTP Mth/yr 42,203 473,851 2,556,869 3,072,923

Average Rate w/oBTS \$/th

Rate Tables
difference

BTS w/FFU Charge \$000 \$996 \$48,716 \$49,712 \$683 \$7,666 \$41,363 \$49,712 Cost Alloc

Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr \$6,227 \$79,149 \$85,376 \$3,514 \$18,472 \$63,390 \$85,376

Average Rate w/ BTS \$/th \$0.10119 \$0.02628 \$0.02778 \$0.08328 \$0.03898 \$0.02479 \$0.02778

Calculate Allocation Factors for Forecast EG Dist Tier 1, EG Dist Tier 2, & EG-T:

Forecast AYTP Mth/yr	3,072,923	42,203	473,851	2,556,869	Alloc Factors
Forecast AYTP Dist only mth/yr	516,054	42,203	473,851	0	
Forecast CYTP Mth/yr	3,072,923	42,203	473,851	2,556,869	Alloc Factors
Forecast # Customers	209	125	31	53	Alloc Factors
Forecast CYPM Mth/mo	232,051	3,092	36,275	192,684	Alloc Factors
CYPM Dist Only mth/mo	39,367	3,092	36,275	0	
CYPD	9,086	120	1,288	7,677	
Base Margin Costs (Pre SI & FAR Unbundle)	\$65,694	\$3,080	\$15,064	\$47,551	
Base Margin Costs (Post SI & FAR Unbundle)	\$30,923	\$2,602	\$9,702	\$18,619	

Base Margin \$000/yr	Allocation Method	Total %	EG-D	Tier	EG-D	EG-T	SunValley & Remaining		
			1	Tier 2	Tier 2		EG-D	Tier 2	Magnolia
Core Interstate Pipeline Demand Charges (IPDC)	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0
Core Averaging	%AYTP	100%	1.4%	15.4%	83.2%		\$0		\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000							\$10,805	\$3,012	\$7,793
EOR Revenue allocated to Other Classes \$000	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		(\$21)	(\$6)	(\$15)
EOR Costs allocated to Other Classes \$000	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$22	\$6	\$16
Gas Engine Rate CAP adjustment	EPAM NonCore C&I	100%	8.4%	31.4%	60.2%		\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr							\$10,806	\$3,012	\$7,794
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr							473,851	197,019	276,832
Average Rate w/oFAR \$/th							\$0.02280	\$0.01529	\$0.02815
FFU Rate							101.7%	101.7%	101.7%
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr							473,851	197,019	276,832
Sempra Wide & TLS Adjustments::									
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr									
SW NGV Adjustment									
SW EG Adjustment									
TLS Adjustment									
Amount allocated to TLS Class \$000									
TLS revenue paid by class @ average TLS rate \$000									
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr									
Rate Tables difference									
AYTP Mth/yr							473,851	197,019	276,832
Average Rate w/oBTS \$/th									
Rate Tables difference									
BTS w/FFU Charge \$000	%CYTP	100%	1.4%	15.4%	83.2%		\$7,666	\$3,187	\$4,478
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr							\$18,472	\$6,199	\$12,272
Average Rate w/ BTS \$/th							\$0.03898	\$0.03147	\$0.04433
Calculate Allocation Factors for Forecast EG Dist Tier 1, EG Dist Tier 2, & EG-T:									
Forecast AYTP Mth/yr	%AYTP	100.0%	1.4%	15.4%	83.2%		473,851	197,019	276,832
Forecast AYTP Dist only mth/yr	%AYTP Dist Only	100.0%	8.2%	91.8%	0.0%				
Forecast CYTP Mth/yr	%CYTP	100.0%	1.4%	15.4%	83.2%		473,851	197,019	276,832
Forecast # Customers	% Forecast Customers	100.0%	60.0%	14.9%	25.2%		31	2	29
Forecast CYPM Mth/mo	% CYPM	100.0%	1.3%	15.6%	83.0%		36,275	12,977	23,298
CYPM Dist Only mth/mo	% CYPM Distribution Only	100.0%	7.9%	92.1%	0.0%		23,298	0	23,298
CYPD	CYPD						1,288	554	734
Base Margin Costs (Pre SI & FAR Unbundle)	% FFU in CA model	100.0%	4.7%	22.9%	72.4%		\$15,064	\$4,985	\$10,079
Base Margin Costs (Post SI & FAR Unbundle)	EPAM NonCore C&I	100.0%	8.4%	31.4%	60.2%		\$9,702	\$2,658	\$7,044

Base Margin \$000/yr	Total	Allocation Method	Total %	SunValley & Magnolia	Remaining EG-D Tier 2	EG-D-T1	EG-D-T2	EG-T	Total EG
Core Interstate Pipeline Demand Charges (IPDC)	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Core Averaging	\$0	AYTP	100.0%	41.6%	58.4%	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$10,805					\$2,831	\$7,793	\$25,036	\$35,661
EOR Revenue allocated to Other Classes \$000	(\$21)	EPAM	100.0%	27.4%	72.6%	(\$6)	(\$15)	(\$45)	(\$66)
EOR Costs allocated to Other Classes \$000	\$22	EPAM	100.0%	27.4%	72.6%	\$6	\$16	\$47	\$69
Gas Engine Rate CAP adjustment	\$0	EPAM	100.0%	27.4%	72.6%	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	\$10,806					\$2,832	\$7,794	\$25,038	\$35,664
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	473,851					42,203	276,832	2,753,888	3,072,923
Average Rate w/oFAR \$/th	\$0.02280					\$0.06710	\$0.02815	\$0.00909	\$0.01161
FFU Rate	101.7%					101.7%	101.7%	101.7%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	473,851					42,203	276,832	2,753,888	3,072,923
Sempra Wide & TLS Adjustments::									
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr						\$2,832	\$7,794	\$25,038	\$35,664
SW NGV Adjustment						\$161	(\$504)		(\$343)
SW EG Adjustment									\$0
TLS Adjustment									
Amount allocated to TLS Class \$000								(\$25,038)	(\$25,038)
TLS revenue paid by class @ average TLS rate \$000								\$34,426	\$34,426
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr						\$0	\$0	\$9,387	\$9,387
Rate Tables difference						\$2,993	\$7,290	\$34,426	\$44,708
AYTP Mth/yr	473,851					42,203	276,832	2,753,888	3,072,923
Average Rate w/oBTS \$/th									
Rate Tables difference									
BTS w/FFU Charge \$000	\$7,666	CYTP	100.0%	41.6%	58.4%	\$683	\$4,478	\$44,550	\$49,712
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr	\$18,472					\$3,514	\$12,272	\$69,589	\$85,376
Average Rate w/ BTS \$/th	\$0.03898					\$0.08328	\$0.04433	\$0.02527	\$0.02778
Calculate Allocation Factors for Forecast EG Dist Tier 1, EG Dist Tier 2, & EG-T:									
Forecast AYTP Mth/yr	473,851	AYTP	100.0%	41.6%	58.4%	42,203	276,832	2,753,888	3,072,923
Forecast AYTP Dist only mth/yr									
Forecast CYTP Mth/yr	473,851	CYTP	100.0%	41.6%	58.4%	42,203	276,832	2,753,888	3,072,923
Forecast # Customers	31	# Customers	100.0%	6.4%	93.6%	125	29	55	209
Forecast CYPM Mth/mo	36,275	CYPM	100.0%	35.8%	64.2%	3,092	23,298	205,661	232,051
CYPM Dist Only mth/mo	23,298	CYPM Dist Only	100.0%	0.0%	100.0%				
CYPD	1,288	CYPD	100.0%	43.0%	57.0%	120	734	8,231	9,086
Base Margin Costs (Pre SI & FAR Unbundle)	\$15,064		100.0%	33.1%	66.9%				
Base Margin Costs (Post SI & FAR Unbundle)	\$9,702	EPAM	100.0%	27.4%	72.6%				

SoCalGas
Transmission Level Service ("TLS") Rate Design (SFV, Volumetric & Usage rates)
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

#1 Calculate Total Revenue Requirement of TLS customers excluding EFBA Fee
 TLS Volumes

#1 Calculate Total Revenue Requirement of TLS customers excluding EFBA Fee

	SCG NCCI-		SCG EOR-	SCG Whole		Total SCG	SDGE	SDGE EG-T	Total	Total SEU
	T (1)	SCG EG-T (2)	T (3)	Sale Excl	SCG DGN (5)	Noncore T	NCCI-T (6)	(7)	SDGE	Trans \$000
				SDGE (4)					Noncore T	
Total Allocated Base Margin w/Sl, FFU w/o FAR, TLS	\$4,210	\$21,276		\$3,135	\$447	\$29,069	\$124	\$3,673	\$3,797	\$32,866
Less Local Transmission	(\$2,549)	(\$9,527)		(\$1,416)	(\$246)	(\$13,740)	(\$59)	(\$2,442)	(\$2,501)	(\$16,241)
Less HPD	\$0	(\$1,685)		\$0	\$0	(\$1,685)	\$0	\$0	\$0	(\$1,685)
Less MPD	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Operating Costs and Revenues	\$1,135	\$4,883		\$410	\$117	\$6,545	\$110	\$4,138	\$4,247	\$10,793
Regulatory Accounts	\$369	(\$1,123)		\$6	(\$32)	(\$779)	\$405	\$10,687	\$11,092	\$10,312
less CSITMA adder costs	(\$471)	\$0		\$0	\$0	(\$471)	(\$63)	\$0	(\$63)	(\$535)
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/o BBT, w/ FFU \$000/yr	\$2,694	\$13,824	\$0	\$2,135	\$287	\$18,940	\$515	\$16,056	\$16,571	\$35,511
EOR Credit to Ratepayers \$000	(\$9)	(\$45)		(\$7)	(\$1)	(\$62)	\$0	\$0	\$0	(\$62)
Removal of Costs from EOR Class \$000	\$9	\$47		\$7	\$1	\$65	\$0	\$0	\$0	\$65
Gas Engine Rate CAP adjustment	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Rev Req w/Sl, FFU w/o FAR, SW, TLS	\$2,694	\$13,826		\$2,135	\$287	\$18,943	\$515	\$16,056	\$16,571	\$35,514
Less EFBA	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Rev Req w/Sl, FFU w/o FAR, SW, TLS	\$2,694	\$13,826	\$0	\$2,135	\$287	\$18,943	\$515	\$16,056	\$16,571	\$35,514
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874
average TLS rate \$/th										\$0.00831
Remove FFU:										
FFU Rate (9)	101.73%	101.73%		101.48%	101.48%		102.31%	102.31%		
Allocated Base Margin w/oFFU	\$4,139	\$20,915		\$3,089	\$441	\$28,584	\$121	\$3,591	\$3,711	\$32,296
Total Rev Req w/Sl, w/o FFU, FAR, SW, TLS	\$2,648	\$13,592		\$2,104	\$282	\$18,627	\$503	\$15,694	\$16,197	\$34,824
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874

BB Only Rate (w/out FFU)

\$0.00815

BB Only Rate (w/FFU)

\$0.00829

\$0.00829

\$0.00827

\$0.00827

\$0.00833

\$0.00833

TLS Volumes

	# Cust (1)	Total TLS Mth/yr
SCG:		
EG-T Tier 1	17	19,334
EG-T Tier 2	36	2,734,554
EOR-T	15	69,256
NCCI-T	35	639,338
DGN	1	66,380
Vernon	1	80,602
Long Beach	1	84,077
SWG	1	67,171
SCG Total Incl EOR	108	3,760,713
SCG Total Exclude EOR	93	3,691,456
SDGE:		
NCCI-T	9	15,070
EG-T Tier 1	12	21,305
EG-T Tier 2	8	547,042
SDGE Total	29	583,417
SEU Total (ex EOR)	122	4,274,874

SoCalGas

Transmission Level Service ("TLS") Rate Design (SFV, Volumetric & Usage rates)

2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure:

#1 Calculate Total Revenue Requirement of TLS customers excluding EFBA Fee

#2a Calculate Usage Rate CA Rate

#3 Calculate TLS SFV Rate:

#4 Calculate Class Average Volumetric Rate

#6 Calculate TLS Revenue

#7 Verify Revenue Collections:

#1 Calculate Total Revenue Requirement of TLS customers excluding EFBA Fee

	SCG NCCI-		SCG Whole		Total SCG	SDGE	SDGE EG-T	Total	Total SEU	
	T (1)	SCG EG-T (2)	SCG EOR-	Sale Excl	Noncore T	NCCI-T (6)	(7)	SDGE	Trans \$000	
			T (3)	SDGE (4)	SCG DGN (5)			Noncore T		
Total Allocated Base Margin w/Sl, FFU w/o FAR, TLS	\$4,210	\$21,276		\$3,135	\$447	\$29,069	\$124	\$3,673	\$3,797	\$32,866
Other Operating Costs and Revenues	\$1,135	\$4,883		\$410	\$117	\$6,545	\$110	\$4,138	\$4,247	\$10,793
Regulatory Accounts	\$369	(\$1,123)		\$6	(\$32)	(\$779)	\$405	\$10,687	\$11,092	\$10,312
less CSITMA adder costs	(\$471)	\$0		\$0	\$0	(\$471)	(\$63)	\$0	(\$63)	(\$535)
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/o BBT, w/ FFU \$000/yr	\$5,243	\$25,036	\$0	\$3,552	\$533	\$34,364	\$574	\$18,498	\$19,073	\$53,437
EOR Credit to Ratepayers \$000	(\$9)	(\$45)		(\$7)	(\$1)	(\$62)	\$0	\$0	\$0	(\$62)
Removal of Costs from EOR Class \$000	\$9	\$47		\$7	\$1	\$65	\$0	\$0	\$0	\$65
Gas Engine Rate CAP adjustment	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Rev Req w/Sl, FFU w/o FAR, SW, TLS	\$5,244	\$25,038		\$3,552	\$533	\$34,367	\$574	\$18,498	\$19,073	\$53,439
Less EFBA	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Rev Req w/Sl, FFU w/o FAR, SW, TLS	\$5,244	\$25,038	\$0	\$3,552	\$533	\$34,367	\$574	\$18,498	\$19,073	\$53,439
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874
average TLS rate \$/th										\$0.01250
Remove FFU:										
FFU Rate (9)	101.73%	101.73%		101.48%	101.48%		102.31%	102.31%		
Allocated Base Margin w/oFFU	\$4,139	\$20,915		\$3,089	\$441	\$28,584	\$121	\$3,591	\$3,711	\$32,296
Total Rev Req w/Sl, w/o FFU, FAR, SW, TLS	\$5,155	\$24,614		\$3,500	\$525	\$33,793	\$561	\$18,081	\$18,642	\$52,435

#2 Calculation of Class Average TLS rate & Revenue w/FFU & W/EFBA Adder:

	SCG NCCI- T (1)	SCG EG-T (2)	SCG EOR- T (3)	SCG Whole Sale Excl SDGE (4)	SCG DGN (5)	Total SCG Noncore T	SDGE NCCI-T (6)	SDGE EG-T (7)	Total SDGE Noncore T	Total SEU Trans \$000
Total Rev Req w/SI, FFU w/o FAR, SW, TLS										\$53,439
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874
average TLS rate \$/th	\$0.01250	\$0.01250		\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250
Total Rev Req w/SI, FFU w/o FAR, SW, TLS	\$7,992	\$34,426		\$2,898	\$830	\$46,146	\$188	\$7,105	\$7,293	\$53,439
allocated EFBA costs										\$0
Non Exempt Volumes Mth/y	639,338	901,409		0	0	1,540,747	15,070	97,263	112,334	1,653,081
EFBA adder	\$0.00000	\$0.00000		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
allocated costs excl EFBA										\$53,439
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874
EFBA adder	\$0.01250	\$0.01250		\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250
	\$7,992	\$34,426		\$2,898	\$830	\$46,146	\$188	\$7,105	\$7,293	\$53,439
Class Average:										
allocated cost excl EFBA + EFBA	\$7,992	\$34,426		\$2,898	\$830	\$46,146	\$188	\$7,105	\$7,293	\$53,439
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874
class average TLS	\$0.01250	\$0.01250		\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250	\$0.01250
Pre-SW TLS	\$5,244	\$25,038		\$3,552	\$533	\$34,367	\$574	\$18,498	\$19,073	\$53,439
Post SW TLS	\$7,992	\$34,426		\$2,898	\$830	\$46,146	\$188	\$7,105	\$7,293	\$53,439
SW TLS Adjustment	\$2,749	\$9,387		(\$654)	\$297	\$11,779	(\$386)	(\$11,394)	(\$11,779)	\$0

	SCG NCCI- T (1)	SCG EG-T (2)	SCG EOR- T (3)	SCG Whole Sale Excl SDGE (4)	SCG DGN (5)	Total SCG Noncore T	SDGE NCCI-T (6)	SDGE EG-T (7)	Total SDGE Noncore T	Total SEU Trans \$000
#2a Calculate Usage Rate CA Rate										
<i>Usage Rate for CA = all NonBaseMargin costs / AYTP</i>										
Total Rev Req w/SI, w/o FFU, FAR, SW, TLS										\$52,435
less Allocated Base Margin w/o FFU										(\$32,296)
NonBaseMargin items Only w/o FFU \$000										\$20,140
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874
Usage Rate for NonBase Margin Items w/o FFU \$/th	\$0.00471	\$0.00471		\$0.00471	\$0.00471		\$0.00471	\$0.00471		\$0.00471
Usage Rate NonBase Margin Items w/ FFU \$/th	\$0.00479	\$0.00479	\$0.00479	\$0.00478	\$0.00478		\$0.00482	\$0.00482		

#2b Calculate Usage Rate RS Rate	SCG NCCI-T (1)	SCG EG-T (2)	SCG EOR-T (3)	SCG Whole Sale Excl SDGE (4)	SCG DGN (5)	Total SCG Noncore T	SDGE NCCI-T (6)	SDGE EG-T (7)	Total SDGE Noncore T	Total SEU Trans \$000
<i>Usage Rate for RS = (all NonBaseMargin costs less base margin portion of ITBA) / AYTP</i>										
Calculation of ITBA NonBaseMargin w/o FFU:										
ITBA Base Margin w/FFU \$000	(\$320)	(\$1,378)		(\$120)	(\$33)	(\$1,851)	(\$8)	(\$302)	(\$310)	(\$2,161)
FFU Rate	101.73%	101.73%		101.48%	101.48%		102.31%	102.31%		
ITBA Base Margin w/o FFU	(\$315)	(\$1,354)		(\$119)	(\$33)	(\$1,820)	(\$8)	(\$296)	(\$303)	(\$2,123)
Calculation of Usage Rate for RS:										
Total Rev Req w/SI, w/o FFU, FAR, SW, TLS										\$52,435
less Allocated Base Margin w/o FFU										(\$32,296)
less Allocated ITBA Base Margin w/o FFU										\$2,123
NonBaseMargin items Only w/o FFU \$000										\$22,263
AYTP of TLS customers Mth/yr (8)	639,338	2,753,888		231,851	66,380	3,691,456	15,070	568,347	583,417	4,274,874
Usage Rate for NonBase Margin Items w/o FFU \$/th	\$0.00521	\$0.00521		\$0.00521	\$0.00521		\$0.00521	\$0.00521		\$0.00521
Usage Rate NonBase Margin Items w/ FFU \$/th	\$0.00530	\$0.00530	\$0.00530	\$0.00529	\$0.00529		\$0.00533	\$0.00533		

#3 Calculate TLS SFV Rate:	SCG NCCI-T (1)	SCG EG-T (2)	SCG EOR-T (3)	SCG Whole Sale Excl SDGE (4)	SCG DGN (5)	Total SCG Noncore T	SDGE NCCI-T (6)	SDGE EG-T (7)	Total SDGE Noncore T	Total SEU Trans \$000
<i>Capacity used to determine reservation rate = noncore-T plus portion of remaining capacity.</i>										
<i>Remaining capacity = system - core - noncore-D - noncore-T multiplied by (noncore-t / core+noncore-D+noncore-T)</i>										
System capacity mmcf										6,000
Mbtu/mcf										1,024
System capacity Mth/day										61,410
<u>Core, Noncore Distribution & Noncore-T peak day demand:</u>										
SCG Core Mth/day:										
2009/2010 mmcf										2,852
2010/2011 mmcf										2,856
2011/2012 mmcf										2,859
average										2,855
Mbtu/mcf										1,024
SCG Core Mth/d										29,226
SDGE Core Mth/day:										
2009/2010 mmcf										365
2010/2011 mmcf										366
2011/2012 mmcf										367
average										366
Mbtu/mcf										1,020
SCG Core Mth/d										3,732
SCG Noncore Distribution Mth/day										4,001
less EG-D treated as TLS										(554)
SDGE Noncore Distribution Mth/day										359
NonCore-T Peak Day Demand Mth/day (8)	1,791	8,231		1,510	171	11,704	41	1,726	1,767	13,471
Core, Noncore-D & Noncore-T Peak day demand Mth/day										50,234
<u>Portion of Remaining Capacity to be used:</u>										
System capacity Mth/day										61,410
Core & Noncore Distribution capacity Mth/day										50,234
remaining capacity Mth/day										11,176
% of remaining capacity to be used to set reservation rate:										
NonCore-T Peak Day Demand Mth/day										13,471
Core & Noncore Distribution capacity Mth/day										50,234
% to be used to set reservation rate										27%
amount of remaining capacity to be used to set reservation rate Mth/day										2,997
<u>Capacity used to set reservation rate:</u>										
NonCore-T Peak Day Demand Mth/day										13,471
amount of remaining capacity to be used to set reservation rate Mth/day										2,997
Capacity used to set reservation rate Mth/day										16,468
Total Allocated Base Margin w/SI, w/o FFU, FAR, TLS \$000										\$32,296
SEU TLS SFV Rate w/o FFU \$/th/day										\$0.00537
FFU Rate (9)	101.73%	101.73%		101.48%	101.48%		102.31%	102.31%		
SEU TLS SFV Rate w/ FFU \$/th/day	\$0.00547	\$0.00547	\$0.00547	\$0.00545	\$0.00545		\$0.00550	\$0.00550		

#4 Calculate Class Average Volumetric Rate

	SCG NCCI-		SCG EOR-		SCG Whole		Total SCG	SDGE	SDGE EG-T	Total	Total SEU
	T (1)	SCG EG-T (2)	T (3)	Sale Excl	SCG DGN (5)	Noncore T	NCCI-T (6)	(7)	SDGE	Noncore T	Trans \$000
Total Allocated Base Margin w/Sl, w/o FFU, FAR, TLS \$000											\$32,296
Total AYTP of TLS customers Mth/yr											4,274,874
SEU TLS Long Term Volumetric Rate w/o FFU \$/th											\$0.00755
FFU Rate (9)	101.73%	101.73%		101.48%	101.48%			102.31%	102.31%		
TLS Class Average Volumetric Rate w/ FFU \$/th	\$0.00769	\$0.00769	\$0.00769	\$0.00767	\$0.00767			\$0.00773	\$0.00773		

#5 Calculate 120% & 135% Volumetric Rates

	SCG NCCI-		SCG EOR-		SCG Whole		Total SCG	SDGE	SDGE EG-T	Total	Total SEU
	T (1)	SCG EG-T (2)	T (3)	Sale Excl	SCG DGN (5)	Noncore T	NCCI-T (6)	(7)	SDGE	Noncore T	Trans \$000
Class Average Volumetric Rate \$/th w/FFU	\$0.00769	\$0.00769	\$0.00769	\$0.00767	\$0.00767			\$0.00773	\$0.00773		
Usage Rate \$/th	\$0.00479	\$0.00479	\$0.00479	\$0.00478	\$0.00478			\$0.00482	\$0.00482		
Class Average Volumetric Rate \$/th w/FFU	\$0.01248	\$0.01248	\$0.01248	\$0.01245	\$0.01245			\$0.01255	\$0.01255		
% of Class Average Vol \$/th w/FFU	120.0%	120.0%	120.0%	101.494%	101.494%			101.506%	101.506%		
% of Class Average Vol \$/th w/FFU	135.0%	135.0%	135.0%	101.680%	101.680%			101.694%	101.694%		

Source

- | | | |
|---|---|--|
| (1) NCCI-T = NCCI Detail Alloc | (5) DGN = Cost Alloc | (9) SCG FFU = Misc Input; SDGE FFU = RUN |
| (2) EG-T = EG Detail Alloc | (6) SDGE NCCI-T = NCCI-T Detail Alloc in SDGE model | |
| (3) EOR-T = n/a | (7) SDGE EG-T = EG-T Detail Alloc in SDGE model | |
| (4) Wholesale excluding SDGE = Cost Alloc | (8) Alloc Factors/SDGE RD Model Alloc Factors | |

#6 Calculate TLS Revenue

	# Cust (1)	Total TLS Mth/ yr	Total TLS Mth/yr	Average TLS Rate \$/th	Total TLS Revenue	Source
SCG:						
EG-T Tier 1	17	1,933.4	19,334	\$0.01250	\$242	Aloc Factors
EG-T Tier 2	36	273,455.4	2,734,554	\$0.01250	\$34,184	EG-Detail Alloc
EOR-T	15	6,925.6	69,256	\$0.01250	\$866	Aloc Factors
NCCI-T	35	63,933.8	639,338	\$0.01250	\$7,992	Aloc Factors
DGN	1	6,638.0	66,380	\$0.01250	\$830	Aloc Factors
Vernon	1	8,060.2	80,602	\$0.01250	\$1,008	Aloc Factors
Long Beach	1	8,407.7	84,077	\$0.01250	\$1,051	Aloc Factors
SWG	1	6,717.1	67,171	\$0.01250	\$840	Aloc Factors
SCG Total Incl EOR	108	376,071.3	3,760,713	\$0.01250	\$47,012	
SCG Total Exclude EOR	93	369,145.6	3,691,456	\$0.01250	\$46,146	
SDGE:						
NCCI-T	9	1,507.0	15,070	\$0.01250	\$188	SDGE RD-Alloc Factors
EG-T Tier 1	12	2,130.5	21,305	\$0.01250	\$266	SDGE RD-Alloc Factors
EG-T Tier 2	8	54,704.2	547,042	\$0.01250	\$6,838	SDGE RD-Alloc Factors
SDGE Total	29	58,341.7	583,417	\$0.01250	\$7,293	
SEU Total (ex EOR)	122	427,487.4	4,274,874	\$0.01250	\$53,439	

#7 Verify Revenue Collections:

Total TLS Costs	\$53,439
TLS AYTP Mth/yr	4,274,874
Average TLS Rate \$/th	\$0.01250

Calculation of average VOL rate w/FFU:

Mth/yr	4,274,874
VOL Revenue w/FFU \$000	\$32,866
Avg Vol Rate w/FFU \$/th	\$0.00769

Calculation of average Usage rate w/FFU:

Mth/yr	4,274,874
VOL Usage Revenue w/FFU \$000	\$20,573
Avg Usage Rate w/FFU \$/th	\$0.00481

Calculation of average Reservation rate w/FFU:

Capacity Basis Mth/day	16,468
Reservation Costs w/FFU \$000	\$32,866
Avg Reservation Rate w/FFU \$/th/day	<u>\$0.00547</u>

Open Season Scenarios and impact on over (under) collections of TLS Revenue:

	All Volumetric	75% Vol and Capacity Required	50% Vol and Capacity Required	25% Vol and Capacity Required	0% Vol; All Reserved	0% Vol; Reserve Peak Day	Vol required if Reserve Peak Day
Volumetric Rate sold in Open Season: Volumes sold in Open Season Mth/yr	4,274,874	3,206,155	2,137,437	1,068,718	0	0	777,957
Vol Rate \$/th	\$0.00769	\$0.00769	\$0.00769	\$0.00769	\$0.00769	\$0.00769	\$0.00769
VOL Revenue w/FFU \$000	\$32,866	\$24,650	\$16,433	\$8,217	\$0	\$0	\$5,981
Vol Usage Rate \$/th Mth/yr	\$0.00481 4,274,874	\$0.00481 3,206,155	\$0.00481 2,137,437	\$0.00481 1,068,718	\$0.00481 0	\$0.00481 0	\$0.00481 777,957
VOL Usage Revenue w/FFU \$000	\$20,573	\$15,430	\$10,287	\$5,143	\$0	\$0	\$3,744
Capacity Reserved in Open Season: Capacity sold in Open Season Mth/day	0	3,753	7,506	11,259	16,468	13,471	13,471
Reservation Rate \$/th/d	\$0.00547	\$0.00547	\$0.00547	\$0.00547	\$0.00547	\$0.00547	\$0.00547
Reservation Revenue w/FFU \$000	\$0	\$7,490	\$14,981	\$22,471	\$32,866	\$26,885	\$26,885
Usage Mth/yr (a)	0	974,279	1,948,559	2,922,838	4,274,874	3,496,917	3,496,917
FRS Usage Rate \$/th	\$0.00481	\$0.00481	\$0.00481	\$0.00481	\$0.00481	\$0.00481	\$0.00481
FRS Usage Revenue w/FFU \$000	\$0	\$4,689	\$9,378	\$14,066	\$20,573	\$16,829	\$16,829
Total TLS Revenue Collected \$000	\$53,439	\$52,259	\$51,078	\$49,898	\$53,439	\$43,714	\$53,439
Total costs allocated to TLS \$000	\$53,439	\$53,439	\$53,439	\$53,439	\$53,439	\$53,439	\$53,439
<i>difference</i>	\$0	(\$1,181)	(\$2,361)	(\$3,542)	\$0	(\$9,725)	\$0

(a) Usage Rate = th per mth reserved

TLS AYTP Mth/y	4,274,874
TLS Capacity Mth/day	16,468
Usage Rate = th/ mth reserved	<u>260</u>

Revenue Check of Base Margin, Revenue Requirement and Rates
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

Procedure

- #1) Calculation of Total Storage Costs
- #2) Allocate Storage Costs to Functions and Calculate Rates
- #3) Calculate HRSMA Allocator and Effective Allocation:

#1) Calculation of Total Storage Costs	Costs \$000	Source
Storage - Seasonal	\$52,836	CA Model
Storage - Load Balancing	\$10,260	CA Model
Storage - TBS	\$26,476	CA Model
Total	\$89,571	
Less Honor Rancho Rev Req	(\$9,260)	
Embedded Storage Costs	\$80,311	

#2) Allocate Storage Costs to Functions and Calculate Rates

	% of Embedded Storage Costs	\$000/yr	Honor Rancho Rev Req \$000/yr	Total Storage Costs \$000/yr	Storage Capacities		Conversion Mbtu/cf	Storage Capacities Mdth	Storage Rates \$/dth	Source
					BCF & mmcf	Units				
Injection	33.33%	\$26,770	\$0	\$26,770	850	MMcfd	1.0235	870	\$30.77	2013TCAP Cost Allocation File
Inventory	33.33%	\$26,770	\$9,260	\$36,030	136.1	Bcf	1.0235	139,298	\$0.259	2013TCAP Cost Allocation File
Withdrawal	33.33%	\$26,770	\$0	\$26,770	3,195	MMcfd	1.0235	3,270	\$8.19	2013TCAP Cost Allocation File
Total	100.00%	\$80,311	\$9,260	\$89,571						

#3) Calculate HRSMA Allocator and Effective Allocation:

	Embedded Costs \$000	HRSMA	Costs w/ HRSMA \$000		Storage Capacities		Conversion Mbtu/cf	Storage Capacities Mdth	Effective Storage Rates \$/dth
			HRSMA	HRSMA \$000	BCF & mmcf	Units			
Injection	\$26,770		\$26,770		850.0	MMcfd	1.0235	870	\$30.77
Inventory	\$36,030	\$0	\$36,030		136	Bcf	1.0235	139,298	\$0.259
Withdrawal	\$26,770		\$26,770		3,195	MMcfd	1.0235	3,270	\$8.19
Total	\$89,571	\$0	\$89,571						

TCAP HRSMA Allocator	45.4%	8.3%	0.0%	0.0%	0.3%	54.1%	0.7%	0.0%	1.5%	0.1%	2.3%	0.0%	7.5%	0.0%	0.0%	7.6%	0.0%	35.9%	45.9%	100.0%
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SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Base Margin Costs:						
Customer Related Costs	\$609,230	\$77,630	\$45	\$896	\$2,776	\$690,577
Medium Pressure Distribution Costs	\$458,868	\$97,538	\$6	\$293	\$485	\$557,190
High Pressure Distribution Costs	\$96,517	\$26,290	\$17	\$188	\$1,570	\$124,582
Backbone Transmission Costs	\$31,026	\$11,594	\$14	\$206	\$1,335	\$44,175
Local Transmission Costs	\$24,515	\$6,735	\$4	\$50	\$581	\$31,886
Storage - Seasonal	\$40,159	\$6,891	\$0	\$10	\$17	\$47,076
Storage - Load Balancing	\$2,473	\$966	\$1	\$18	\$117	\$3,575
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$27,016	\$18,385	\$0	\$9	\$920	\$46,330
Uncollectibles	\$4,126	\$748	\$0	\$4	\$20	\$4,898
NGV compression adder	\$0	\$0	\$0	\$0	\$1,383	\$1,383
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	\$1,293,930	\$246,777	\$87	\$1,675	\$9,204	\$1,551,673
Less Backbone Transmission Costs	(\$31,026)	(\$11,594)	(\$14)	(\$206)	(\$1,335)	(\$44,175)
Less Local Transmission Costs	(\$24,515)	(\$6,735)	(\$4)	(\$50)	(\$581)	(\$31,886)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR						
Plus Local Transmission Costs w/SI, FFU	\$32,113	\$8,822	\$6	\$66	\$761	\$41,767
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$1,270,502	\$237,270	\$75	\$1,484	\$8,048	\$1,517,379

Other Operating Costs and Revenues

	Add FFU Y	Amount to						
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000								
Company Use Gas: Other	Y	\$1,914	\$503	\$197	\$0	\$4	\$24	\$727
Company Use Gas: Storage Load Balancing	N	\$1,651	\$427	\$167	\$0	\$3	\$20	\$617
AMI	Y	\$35,186	\$34,097	\$1,688	\$0	\$6	\$1	\$35,793
Exchange Revenues & Interutility Transactions	N	\$23	\$6	\$2	\$0	\$0	\$0	\$9
Fuel Cell Equipment Revenues	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	Y	\$38,832	\$19,400	\$7,580	\$9	\$141	\$916	\$28,047
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	Y	\$238	\$63	\$25	\$0	\$0	\$3	\$92
Subtotal Other Operating Costs and Revenues		\$77,844	\$54,497	\$9,659	\$10	\$155	\$964	\$65,285

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's	Non Core	EG Tier 1	EG Tier 2	EOR	Total Retail	Long	SDG&E	Sout West	Vernon
Base Margin Costs:									
Customer Related Costs	\$8,733	\$5,347	(\$20)	\$748	\$14,808	\$130	\$124	\$251	\$115
Medium Pressure Distribution Costs	\$21,133	\$1,234	\$913	\$36	\$23,315	\$0	\$0	\$0	\$0
High Pressure Distribution Costs	\$20,481	\$1,048	\$10,681	\$1,601	\$33,811	\$0	\$0	\$0	\$0
Backbone Transmission Costs	\$16,458	\$868	\$31,337	\$1,779	\$50,443	\$1,409	\$14,625	\$955	\$1,323
Local Transmission Costs	\$7,601	\$351	\$11,998	\$733	\$20,683	\$805	\$8,364	\$576	\$574
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$0	\$6,469	\$0	\$0
Storage - Load Balancing	\$1,670	\$88	\$3,190	\$181	\$5,130	\$136	\$1,427	\$95	\$135
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$1,158	\$1,130	\$113	\$158	\$2,559	\$316	\$316	\$316	\$316
Uncollectibles	\$246	\$26	\$182	\$0	\$454	\$0	\$0	\$0	\$0
NGV compression adder	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	\$77,480	\$10,092	\$58,394	\$5,236	\$151,202	\$2,795	\$31,324	\$2,192	\$2,462
Less Backbone Transmission Costs	(\$16,458)	(\$868)	(\$31,337)	(\$1,779)	(\$50,443)	(\$1,409)	(\$14,625)	(\$955)	(\$1,323)
Less Local Transmission Costs	(\$7,601)	(\$351)	(\$11,998)	(\$733)	(\$20,683)	(\$805)	(\$8,364)	(\$576)	(\$574)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR									
Plus Local Transmission Costs w/SI, FFU	\$9,956	\$459	\$15,717	\$960	\$27,092	\$1,054	\$0	\$754	\$751
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$63,377	\$9,333	\$30,776	\$3,684	\$107,169	\$1,636	\$8,336	\$1,416	\$1,317
Other Operating Costs and Revenues									
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000									
Company Use Gas: Other	\$292	\$15	\$557	\$31	\$895	\$24	\$249	\$17	\$23
Company Use Gas: Storage Load Balancing	\$247	\$13	\$473	\$27	\$760	\$20	\$211	\$14	\$20
AMI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$3	\$0	\$6	\$0	\$10	\$0	\$3	\$0	\$0
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$2,739	\$145	\$5,232	\$292	\$8,409	\$222	\$2,335	\$155	\$220
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$37	\$2	\$70	\$0	\$109	\$3	\$31	\$2	\$3
Subtotal Other Operating Costs and Revenues	\$3,319	\$176	\$6,339	\$350	\$10,183	\$269	\$2,829	\$188	\$267

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's	Total	DGN	TBS	Total Non	Total
Base Margin Costs:					
Customer Related Costs	\$620	\$31	\$0	\$15,459	\$706,036
Medium Pressure Distribution Costs	\$0	\$0	\$0	\$23,315	\$580,505
High Pressure Distribution Costs	\$0	\$0	\$0	\$33,811	\$158,393
Backbone Transmission Costs	\$18,311	\$615	\$0	\$69,369	\$113,544
Local Transmission Costs	\$10,318	\$272	\$0	\$31,273	\$63,159
Storage - Seasonal	\$6,469	\$0	\$0	\$6,469	\$53,545
Storage - Load Balancing	\$1,792	\$63	\$0	\$6,984	\$10,559
Storage - TBS	\$0	\$0	\$26,067	\$26,067	\$26,067
Non-DSM Marketing Related Costs	\$1,264	\$158	\$0	\$3,981	\$50,311
Uncollectibles	\$0	\$0	\$0	\$454	\$5,352
NGV compression adder	\$0	\$0	\$0	\$0	\$1,383
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	\$38,774	\$1,139	\$26,067	\$217,182	\$1,768,855
Less Backbone Transmission Costs	(\$18,311)	(\$615)	\$0	(\$69,369)	(\$113,544)
Less Local Transmission Costs	(\$10,318)	(\$272)	\$0	(\$31,273)	(\$63,159)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR					
Plus Local Transmission Costs w/SI, FFU	\$2,560	\$357	\$0	\$30,009	\$71,776
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$12,705	\$608	\$26,067	\$146,549	\$1,663,929

Other Operating Costs and Revenues						F&U Amount	Total Allocated
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000							
Company Use Gas: Other	\$312	\$11	\$0	\$1,218	\$1,946	\$32	\$1,914
Company Use Gas: Storage Load Balancing	\$265	\$9	\$0	\$1,035	\$1,651	\$0	\$1,651
AMI	\$0	\$0	\$0	\$0	\$35,793	\$607	\$35,186
Exchange Revenues & Interutility Transactions	\$4	\$0	\$0	\$14	\$23	\$0	\$23
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$2,932	\$102	\$0	\$11,443	\$39,490	\$658	\$38,832
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$39	\$1	\$0	\$150	\$242	\$4	\$238
Subtotal Other Operating Costs and Revenues	\$3,553	\$124	\$0	\$13,860	\$79,145	\$1,301	\$77,844

**SoCalGas Cost Allocation
SCG RD Model v12-29-2011**

COST COMPONENTS \$000's	Source	Allocation
Base Margin Costs:		
Customer Related Costs	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Medium Pressure Distribution Costs	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
High Pressure Distribution Costs	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Backbone Transmission Costs	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Local Transmission Costs	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Storage - Seasonal	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Storage - Load Balancing	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Storage - TBS	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Non-DSM Marketing Related Costs	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Uncollectibles	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
NGV compression adder	CA Model	CA w/SA, FAR Upd, SAPC & Storage Adjustments
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU		
Less Backbone Transmission Costs		
Less Local Transmission Costs		
Plus Backbone Transmission Costs w/SI, FFU w/oFAR		
Plus Local Transmission Costs w/SI, FFU	SI & FAR	
<hr/> Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU <hr/>		
Other Operating Costs and Revenues		
n/a		
n/a		
Co Use Transmission w/ FFU \$000		
Company Use Gas: Other	Misc Input	ECPT Incl EOR
Company Use Gas: Storage Load Balancing	Misc Input	ECPT Incl EOR
AMI	AMI Decision	Core Avg Meter Count 2009-2015
Exchange Revenues & Interutility Transactions	Deamnd FC 1/14/2008	CYTP ExEOR
Fuel Cell Equipment Revenues	Mkt Dept 1/22/2008	EPAM ExEOR
Marketing: DSM Program Awards	2008RD Model	Core ECPT
Unaccounted For (UAF) Gas	Misc Input	71% core @ ECPT / 29% noncore @ ECPT (incl EOR)
n/a		
Well Incidents & Surface Leaks	Misc Input	Allocate Core=Storage Inv NonCore=LB Inv=ECPT ExEOR
<hr/> Subtotal Other Operating Costs and Revenues <hr/>		

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

Allocation %

COST COMPONENTS \$000's	Total	Resid	Core	NR A/C	Gas Eng	NGV	Total	Non	EG <3	EG >=3	EOR	Total
Base Margin Costs:												
Customer Related Costs												
Medium Pressure Distribution Costs												
High Pressure Distribution Costs												
Backbone Transmission Costs												
Local Transmission Costs												
Storage - Seasonal												
Storage - Load Balancing												
Storage - TBS												
Non-DSM Marketing Related Costs												
Uncollectibles												
NGV compression adder												
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU												
Less Backbone Transmission Costs												
Less Local Transmission Costs												
Plus Backbone Transmission Costs w/SI, FFU w/oFAR												
Plus Local Transmission Costs w/SI, FFU												
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU												
Other Operating Costs and Revenues												
n/a	0.0%											
n/a	0.0%											
Co Use Transmission w/ FFU \$000												
Company Use Gas: Other	100.0%	25.8%	10.1%	0.0%	0.2%	1.2%	37.4%	15.0%	0.8%	28.6%	1.6%	46.0%
Company Use Gas: Storage Load Balancing	100.0%	25.8%	10.1%	0.0%	0.2%	1.2%	37.4%	15.0%	0.8%	28.6%	1.6%	46.0%
AMI	100.0%	95.3%	4.7%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Exchange Revenues & Interutility Transactions	100.0%	27.8%	10.4%	0.0%	0.2%	1.2%	39.5%	14.7%	0.8%	28.0%	0.0%	43.5%
Fuel Cell Equipment Revenues	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Marketing: DSM Program Awards	100.0%	69.2%	27.0%	0.0%	0.5%	3.3%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Unaccounted For (UAF) Gas	100.0%	49.1%	19.2%	0.0%	0.4%	2.3%	71.0%	6.9%	0.4%	13.2%	0.8%	21.3%
n/a	0.0%											
Well Incidents & Surface Leaks	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Subtotal Other Operating Costs and Revenues	100.0%	68.9%	12.2%	0.0%	0.2%	1.2%	82.5%	4.2%	0.2%	8.0%	0.4%	12.9%

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's	Long	SDG&E	Sout	Vernon	Total	DGN	TBS	Total
Base Margin Costs:								
Customer Related Costs								
Medium Pressure Distribution Costs								
High Pressure Distribution Costs								
Backbone Transmission Costs								
Local Transmission Costs								
Storage - Seasonal								
Storage - Load Balancing								
Storage - TBS								
Non-DSM Marketing Related Costs								
Uncollectibles								
NGV compression adder								
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU								
Less Backbone Transmission Costs								
Less Local Transmission Costs								
Plus Backbone Transmission Costs w/SI, FFU w/oFAR								
Plus Local Transmission Costs w/SI, FFU								
<hr/> <hr/>								
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU								
<hr/> <hr/>								
Other Operating Costs and Revenues								
n/a								
n/a								
Co Use Transmission w/ FFU \$000								
Company Use Gas: Other	1.2%	12.8%	0.9%	1.2%	16.1%	0.6%	0.0%	62.6%
Company Use Gas: Storage Load Balancing	1.2%	12.8%	0.9%	1.2%	16.1%	0.6%	0.0%	62.6%
AMI	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Exchange Revenues & Interutility Transactions	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%	0.0%	60.5%
Fuel Cell Equipment Revenues	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Marketing: DSM Program Awards	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Unaccounted For (UAF) Gas	0.6%	5.9%	0.4%	0.6%	7.4%	0.3%	0.0%	29.0%
n/a								
Well Incidents & Surface Leaks	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Subtotal Other Operating Costs and Revenues	0.3%	3.6%	0.2%	0.3%	4.5%	0.2%	0.0%	17.5%

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's

			Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Regulatory Accounts								
Affiliate Transfer Fee Account (ATFA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	Y	\$1,327	\$584	\$766	\$0	\$0	\$0	\$1,350
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	Y	\$2,175	\$581	\$227	\$0	\$4	\$27	\$840
California Solar Initiative Balancing Account (CSIBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	Y	(\$31,823)	(\$22,393)	(\$8,749)	(\$11)	(\$163)	(\$1,057)	(\$32,372)
On-Bill Financing Balancing Account (OBFBA)	Y	\$1,000	\$791	\$148	\$0	\$1	\$5	\$945
Economic Practicality Shortfall Memorandum Account (EPSMA)	Y	\$279	\$0	\$0	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	Y	\$2,791	\$1,191	\$633	\$1	\$12	\$77	\$1,913
Enhanced Oil Recovery Account (EORA)	Y	\$1,018	\$787	\$147	\$0	\$1	\$5	\$940
Environmental Fee Balance Account EFBA	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	Y	\$9,380	\$2,506	\$979	\$1	\$18	\$118	\$3,623
Honor Rancho Storage Memorandum Account (HRSMA)	Y	\$3,974	\$1,900	\$274	\$0	\$0	\$0	\$2,174
Interim Call Center Memorandum Account (ICCA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	Y	\$227	\$61	\$24	\$0	\$0	\$3	\$88
Otay Mesa System Reliability Memorandum Account (OMSMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	Y	\$5,177	\$2,550	\$996	\$1	\$19	\$120	\$3,686
Noncore Fixed Cost Account (NFCA) Margin	Y	\$3,074	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Fixed Cost Account (NFCA) Nonmargin	Y	(\$582)	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Memorandum Account (NSMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	Y	\$2,647	\$860	\$321	\$0	\$6	\$37	\$1,225
Integrated Transmission Balancing Account (ITBA) Nonmargin	Y	(\$2,891)	(\$939)	(\$351)	(\$0)	(\$6)	(\$40)	(\$1,337)
Company-Use Fuel for Load Balancing Account (CUFLBA)	Y	\$510	\$134	\$52	\$0	\$1	\$6	\$194
System Reliability Memorandum Account (SRMA)	Y	\$2,180	\$582	\$228	\$0	\$4	\$27	\$842
Noncore Storage Balancing Account (NSBA)	Y	(\$20,736)	(\$5,540)	(\$2,165)	(\$3)	(\$40)	(\$261)	(\$8,010)
Pension Balancing Account (PBA)	Y	\$74,400	\$58,841	\$10,989	\$3	\$69	\$373	\$70,275
PBOP Balancing Account (PBOPBA)	Y	\$17,075	\$13,504	\$2,522	\$1	\$16	\$86	\$16,128
Research Development and Demonstration Expense Account (RDDEA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Research Royalty Memorandum Account (RRMA)	Y	(\$137)	(\$108)	(\$20)	(\$0)	(\$0)	(\$1)	(\$129)
Self-Generation Program Memorandum Account (SGPMA)	Y	\$8,000	\$2,137	\$835	\$1	\$16	\$101	\$3,090
Rewards & Penalties Balancing Account (RPBA)	Y	\$4,301	\$3,401	\$635	\$0	\$4	\$22	\$4,062
Total Regulatory Accounts		\$83,366	\$61,430	\$8,492	(\$4)	(\$40)	(\$352)	\$69,526

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COST COMPONENTS \$000's	Non Core	EG Tier 1	EG Tier 2	EOR	Total Retail	Long	SDG&E	Sout West	Vernon
Regulatory Accounts									
Affiliate Transfer Fee Account (ATFA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$337	\$18	\$644	\$0	\$999	\$27	\$287	\$19	\$27
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	\$39	\$6	\$19	\$0	\$64	\$1	\$5	\$1	\$1
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$284	\$0	\$0	\$0	\$284	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$926	\$0	\$0	\$0	\$926	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$52	\$8	\$25	\$0	\$85	\$1	\$7	\$1	\$1
Environmental Fee Balance Account EFBA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$1,453	\$77	\$2,775	\$0	\$4,305	\$118	\$1,238	\$82	\$117
Honor Rancho Storage Memorandum Account (HRSMA)	\$30	\$2	\$57	\$3	\$92	\$2	\$304	\$2	\$2
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	\$35	\$2	\$67	\$0	\$104	\$3	\$30	\$2	\$3
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$388	\$21	\$741	\$0	\$1,149	\$31	\$331	\$22	\$31
Noncore Fixed Cost Account (NFCA) Margin	\$1,697	\$250	\$824	\$0	\$2,771	\$44	\$223	\$38	\$35
Noncore Fixed Cost Account (NFCA) Nonmargin	(\$145)	(\$8)	(\$278)	\$0	(\$431)	(\$12)	(\$124)	(\$8)	(\$12)
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$456	\$24	\$869	\$0	\$1,349	\$39	\$0	\$26	\$37
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$498)	(\$26)	(\$949)	\$0	(\$1,473)	(\$43)	\$0	(\$29)	(\$40)
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$78	\$4	\$148	\$8	\$239	\$6	\$66	\$4	\$6
System Reliability Memorandum Account (SRMA)	\$338	\$18	\$645	\$0	\$1,000	\$27	\$288	\$19	\$27
Noncore Storage Balancing Account (NSBA)	(\$3,212)	(\$170)	(\$6,135)	\$0	(\$9,518)	(\$261)	(\$2,738)	(\$182)	(\$258)
Pension Balancing Account (PBA)	\$2,935	\$432	\$1,425	\$0	\$4,793	\$76	\$385	\$65	\$61
PBOP Balancing Account (PBOPBA)	\$674	\$99	\$327	\$0	\$1,100	\$17	\$88	\$15	\$14
Research Development and Demonstration Expense Account (RDDEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Research Royalty Memorandum Account (RRMA)	(\$5)	(\$1)	(\$3)	\$0	(\$9)	(\$0)	(\$1)	(\$0)	(\$0)
Self-Generation Program Memorandum Account (SGPMA)	\$1,239	\$66	\$2,367	\$0	\$3,672	\$101	\$1,056	\$70	\$100
Rewards & Penalties Balancing Account (RPBA)	\$170	\$25	\$82	\$0	\$277	\$4	\$22	\$4	\$4
Total Regulatory Accounts	\$7,270	\$845	\$3,652	\$11	\$11,779	\$183	\$1,469	\$152	\$155

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COST COMPONENTS \$000's	Total	DGN	TBS	Total Non	Total		
Regulatory Accounts							
Affiliate Transfer Fee Account (ATFA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$1,350	\$23	\$1,327
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$361	\$13	\$0	\$1,372	\$2,212	\$37	\$2,175
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	(\$32,372)	(\$549)	(\$31,823)
On-Bill Financing Balancing Account (OBFBA)	\$8	\$0	\$0	\$73	\$1,017	\$17	\$1,000
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$284	\$284	\$5	\$279
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$926	\$2,839	\$48	\$2,791
Enhanced Oil Recovery Account (EORA)	\$10	\$0	\$0	\$96	\$1,036	\$18	\$1,018
Environmental Fee Balance Account EFBA	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$1,555	\$54	\$0	\$5,915	\$9,538	\$158	\$9,380
Honor Rancho Storage Memorandum Account (HRSMA)	\$311	\$1	\$1,463	\$1,868	\$4,042	\$68	\$3,974
Interim Call Center Memorandum Account (ICCA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	\$38	\$1	\$0	\$143	\$231	\$4	\$227
Otay Mesa System Reliability Memorandum Account (OMSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$415	\$15	\$0	\$1,579	\$5,265	\$88	\$5,177
Noncore Fixed Cost Account (NFCA) Margin	\$339	\$16	\$0	\$3,127	\$3,127	\$52	\$3,074
Noncore Fixed Cost Account (NFCA) Nonmargin	(\$156)	(\$5)	\$0	(\$592)	(\$592)	(\$10)	(\$582)
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$102	\$17	\$0	\$1,468	\$2,692	\$45	\$2,647
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$111)	(\$19)	\$0	(\$1,603)	(\$2,941)	(\$50)	(\$2,891)
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$83	\$3	\$0	\$325	\$518	\$8	\$510
System Reliability Memorandum Account (SRMA)	\$361	\$13	\$0	\$1,375	\$2,217	\$37	\$2,180
Noncore Storage Balancing Account (NSBA)	(\$3,438)	(\$120)	\$0	(\$13,076)	(\$21,086)	(\$349)	(\$20,736)
Pension Balancing Account (PBA)	\$587	\$28	\$0	\$5,408	\$75,683	\$1,283	\$74,400
PBOP Balancing Account (PBOPBA)	\$135	\$6	\$0	\$1,241	\$17,369	\$294	\$17,075
Research Development and Demonstration Expense Account (RDDEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Research Royalty Memorandum Account (RRMA)	(\$1)	(\$0)	\$0	(\$10)	(\$139)	(\$2)	(\$137)
Self-Generation Program Memorandum Account (SGPMA)	\$1,327	\$46	\$0	\$5,045	\$8,135	\$135	\$8,000
Rewards & Penalties Balancing Account (RPBA)	\$34	\$2	\$0	\$313	\$4,375	\$74	\$4,301
Total Regulatory Accounts	\$1,960	\$72	\$1,463	\$15,274	\$84,801	\$1,434	\$83,366

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COST COMPONENTS \$000's

Regulatory Accounts

	Source	Allocation
Affiliate Transfer Fee Account (ATFA)	Reg. Acct Filing 10/2011	EPAM ExEOR
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	Reg. Acct Filing 10/2011	ECPT ExEOR
FERC Settlement Proceeds Memorandum Account (FSPMA)	Reg. Acct Filing 10/2011	ECPT CAT Only
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	Reg. Acct Filing 10/2011	EPAM ExEOR
Firm Access & Storage Rights Memorandum Account (FARSMA)	Reg. Acct Filing 10/2011	ECPT ExEOR
California Solar Initiative Balancing Account (CSIBA)	Reg. Acct Filing 10/2011	ECPT ExEOR
G-PAL Balancing Account (GPBA)	Reg. Acct Filing 10/2011	CYTP Excl EOR
Core Fixed Cost Account (CFCA)	Reg. Acct Filing 10/2011	Core ECPT
On-Bill Financing Balancing Account (OBFBA)	Reg. Acct Filing 10/2011	EPAM ExEOR
Economic Practicality Shortfall Memorandum Account (EPSMA)	Reg. Acct Filing 10/2011	100% Noncore C&I
California Solar Initiative Thermal Memorandum Account (CSITPMA)	Reg. Acct Filing 10/2011	ECPT ex CARE Participants & EOR
Enhanced Oil Recovery Account (EORA)	Reg. Acct Filing 10/2011	EORA Allocation Factor
Environmental Fee Balance Account EFBA	Reg. Acct Filing 10/2011	update filing
Distribution Integrity Management Program Memorandum Account (DIMPBA)	Reg. Acct Filing 10/2011	EPAM ExEOR
Hazardous Substance Cost-Recovery Account (HSCRA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Honor Rancho Storage Memorandum Account (HRSMA)	Reg. Acct Filing 10/2011	HRSMA Allocator
Interim Call Center Memorandum Account (ICCMA)	Reg. Acct Filing 10/2011	EPAM ExEOR
Intervenor Award Memorandum Account (IAMA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Otay Mesa System Reliability Memorandum Account (OMSRMA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Gain / Loss on Sale Memorandum Account (GLOSMA)	Reg. Acct Filing 10/2011	EPAM Excl EOR
PCB Expense Account (PCBEA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Montebello True-Up Tracking Account (MTTA)	Reg. Acct Filing 10/2011	MTTA Allocation Factor
Noncore Fixed Cost Account (NFCA) Margin	Reg. Acct Filing 10/2011	NonCore EPAM ExEOR
Noncore Fixed Cost Account (NFCA) Nonmargin	Reg. Acct Filing 10/2011	NonCore ECPT ExEOR
Noncore Storage Memorandum Account (NSMA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Integrated Transmission Balancing Account (ITBA) Margin	Reg. Acct Filing 10/2011	CYTP Excl. EOR & SDG&E
Integrated Transmission Balancing Account (ITBA) Nonmargin	Reg. Acct Filing 10/2011	CYTP Excl. EOR & SDG&E
Company-Use Fuel for Load Balancing Account (CUFLBA)	Reg. Acct Filing 10/2011	ECPT Incl EOR
System Reliability Memorandum Account (SRMA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Noncore Storage Balancing Account (NSBA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Pension Balancing Account (PBA)	Reg. Acct Filing 10/2011	EPAM Excl EOR
PBOP Balancing Account (PBOPBA)	Reg. Acct Filing 10/2011	EPAM Excl EOR
Research Development and Demonstration Expense Account (RDDEA)	Reg. Acct Filing 10/2011	EPAM Excl EOR
Research Royalty Memorandum Account (RRMA)	Reg. Acct Filing 10/2011	EPAM Excl EOR
Self-Generation Program Memorandum Account (SGPMA)	Reg. Acct Filing 10/2011	ECPT ExEOR
Rewards & Penalties Balancing Account (RPBA)	Reg. Acct Filing 10/2011	EPAM Excl EOR

Total Regulatory Accounts

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Allocation %

COST COMPONENTS \$000's	Total	Resid	Core	NR A/C	Gas Eng	NGV	Total	Non	EG <3	EG >=3	EOR	Total
Regulatory Accounts												
Affiliate Transfer Fee Account (ATFA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
FERC Settlement Proceeds Memorandum Account (FSPMA)	100.0%	43.2%	56.8%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Firm Access & Storage Rights Memorandum Account (FARSMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
California Solar Initiative Balancing Account (CSIBA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
G-PAL Balancing Account (GPBA)	100.0%	27.8%	10.4%	0.0%	0.2%	1.2%	39.5%	14.7%	0.8%	28.0%	0.0%	43.5%
Core Fixed Cost Account (CFCA)	100.0%	69.2%	27.0%	0.0%	0.5%	3.3%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
On-Bill Financing Balancing Account (OBFBA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Economic Practicality Shortfall Memorandum Account (EPSMA)	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
California Solar Initiative Thermal Memorandum Account (CSITPMA)	100.0%	41.9%	22.3%	0.0%	0.4%	2.7%	67.4%	32.6%	0.0%	0.0%	0.0%	32.6%
Enhanced Oil Recovery Account (EORA)	100.0%	76.0%	14.2%	0.0%	0.1%	0.5%	90.8%	5.0%	0.7%	2.4%	0.0%	8.2%
Environmental Fee Balance Account EFBA	100.0%	42.0%	16.4%	0.0%	0.3%	2.0%	60.7%	24.3%	0.9%	14.1%	0.0%	39.3%
Distribution Integrity Management Program Memorandum Account (DIMPBA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Hazardous Substance Cost-Recovery Account (HSCRA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Honor Rancho Storage Memorandum Account (HRSMA)	100.0%	47.0%	6.8%	0.0%	0.0%	0.0%	53.8%	0.7%	0.0%	1.4%	0.1%	2.3%
Interim Call Center Memorandum Account (ICCMA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Intervenor Award Memorandum Account (IAMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Otay Mesa System Reliability Memorandum Account (OMSRMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Gain / Loss on Sale Memorandum Account (GLOSMA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
PCB Expense Account (PCBEA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Montebello True-Up Tracking Account (MTTA)	100.0%	48.4%	18.9%	0.0%	0.4%	2.3%	70.0%	7.4%	0.4%	14.1%	0.0%	21.8%
Noncore Fixed Cost Account (NFCA) Margin	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	54.3%	8.0%	26.3%	0.0%	88.6%
Noncore Fixed Cost Account (NFCA) Nonmargin	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.5%	1.3%	46.9%	0.0%	72.7%
Noncore Storage Memorandum Account (NSMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Integrated Transmission Balancing Account (ITBA) Margin	100.0%	31.9%	11.9%	0.0%	0.2%	1.4%	45.5%	16.9%	0.9%	32.3%	0.0%	50.1%
Integrated Transmission Balancing Account (ITBA) Nonmargin	100.0%	31.9%	11.9%	0.0%	0.2%	1.4%	45.5%	16.9%	0.9%	32.3%	0.0%	50.1%
Company-Use Fuel for Load Balancing Account (CUFLBA)	100.0%	25.8%	10.1%	0.0%	0.2%	1.2%	37.4%	15.0%	0.8%	28.6%	1.6%	46.0%
System Reliability Memorandum Account (SRMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Noncore Storage Balancing Account (NSBA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Pension Balancing Account (PBA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
PBOP Balancing Account (PBOPBA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Research Development and Demonstration Expense Account (RDDEA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Research Royalty Memorandum Account (RRMA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Self-Generation Program Memorandum Account (SGPMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Rewards & Penalties Balancing Account (RPBA)	100.0%	77.7%	14.5%	0.0%	0.1%	0.5%	92.9%	3.9%	0.6%	1.9%	0.0%	6.3%
Total Regulatory Accounts		72.4%	10.0%	0.0%	0.0%	-0.4%	82.0%	8.6%	1.0%	4.3%	0.0%	13.9%

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COST COMPONENTS \$000's	Long	SDG&E	Sout	Vernon	Total	DGN	TBS	Total
Regulatory Accounts								
Affiliate Transfer Fee Account (ATFA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
FERC Settlement Proceeds Memorandum Account (FSPMA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Firm Access & Storage Rights Memorandum Account (FARSMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
California Solar Initiative Balancing Account (CSIBA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
G-PAL Balancing Account (GPBA)	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%	0.0%	60.5%
Core Fixed Cost Account (CFCA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
On-Bill Financing Balancing Account (OBFBA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Economic Practicality Shortfall Memorandum Account (EPSMA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
California Solar Initiative Thermal Memorandum Account (CSITPMA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	32.6%
Enhanced Oil Recovery Account (EORA)	0.1%	0.7%	0.1%	0.1%	1.0%	0.0%	0.0%	9.3%
Environmental Fee Balance Account EFBA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	39.3%
Distribution Integrity Management Program Memorandum Account (DIMPBA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Hazardous Substance Cost-Recovery Account (HSCRA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Honor Rancho Storage Memorandum Account (HRSMA)	0.1%	7.5%	0.0%	0.1%	7.7%	0.0%	36.2%	46.2%
Interim Call Center Memorandum Account (ICCMA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Intervenor Award Memorandum Account (IAMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Otay Mesa System Reliability Memorandum Account (OMSMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Gain / Loss on Sale Memorandum Account (GLOSMA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
PCB Expense Account (PCBEA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Montebello True-Up Tracking Account (MTTA)	0.6%	6.3%	0.4%	0.6%	7.9%	0.3%	0.0%	30.0%
Noncore Fixed Cost Account (NFCA) Margin	1.4%	7.1%	1.2%	1.1%	10.9%	0.5%	0.0%	100.0%
Noncore Fixed Cost Account (NFCA) Nonmargin	2.0%	21.0%	1.4%	2.0%	26.3%	0.9%	0.0%	100.0%
Noncore Storage Memorandum Account (NSMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Integrated Transmission Balancing Account (ITBA) Margin	1.5%	0.0%	1.0%	1.4%	3.8%	0.6%	0.0%	54.5%
Integrated Transmission Balancing Account (ITBA) Nonmargin	1.5%	0.0%	1.0%	1.4%	3.8%	0.6%	0.0%	54.5%
Company-Use Fuel for Load Balancing Account (CUFLBA)	1.2%	12.8%	0.9%	1.2%	16.1%	0.6%	0.0%	62.6%
System Reliability Memorandum Account (SRMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Noncore Storage Balancing Account (NSBA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Pension Balancing Account (PBA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
PBOP Balancing Account (PBOPBA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Research Development and Demonstration Expense Account (RDDEA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Research Royalty Memorandum Account (RRMA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Self-Generation Program Memorandum Account (SGPMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Rewards & Penalties Balancing Account (RPBA)	0.1%	0.5%	0.1%	0.1%	0.8%	0.0%	0.0%	7.1%
Total Regulatory Accounts	0.2%	1.7%	0.2%	0.2%	2.3%	0.1%	1.7%	18.0%

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's

		Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	
Core Interstate Pipeline Demand Charges (IPDC)	Y	\$0	\$0	\$0	\$0	\$0	\$0	
Core Averaging	N	(\$34,761)	(\$34,761)	\$34,761	\$0	\$0	\$0	
Transport Rev Req before EOR & G-EN CAP adjustments \$000		\$126,449	\$1,351,668	\$290,182	\$81	\$1,599	\$8,660	\$1,652,190
EOR Revenue allocated to Other Classes \$000			(\$2,865)	(\$535)	(\$0)	(\$3)	(\$18)	(\$3,421)
EOR Costs allocated to Other Classes \$000			\$3,145	\$587	\$0	\$4	\$20	\$3,756
Gas Engine Rate CAP adjustment	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr			\$1,351,948	\$290,234	\$81	\$1,600	\$8,662	\$1,652,525
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr			2,483,989	970,519	1,210	18,080	117,231	3,591,030
Average Rate w/oFAR \$/th			\$0.54427	\$0.29905	\$0.06682	\$0.08848	\$0.07389	\$0.46018
FFU Rate			101.73%	101.73%	101.73%	101.73%	101.73%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr			2,483,989	970,519	1,210	18,080	117,231	3,591,030
Sempra Wide & TLS Adjustments::								
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr			\$1,351,948	\$290,234	\$81	\$1,600	\$8,662	\$1,652,525
SW NGV Adjustment							(\$590)	(\$590)
SW EG Adjustment								\$0
TLS Adjustment								\$0
Amount allocated to TLS Class \$000								\$0
TLS revenue paid by class @ average TLS rate \$000								\$0
			\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr			\$1,351,948	\$290,234	\$81	\$1,600	\$8,072	\$1,651,935
Rate Tables difference			\$1,351,948	\$290,234	\$81	\$1,600	\$8,072	\$1,651,935
			\$0	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr			2,483,989	970,519	1,210	18,080	117,231	3,591,030
Average Rate w/oFAR \$/th			\$0.54427	\$0.29905	\$0.06682	\$0.08848	\$0.06886	\$0.46002
Rate Tables difference			\$0.54427	\$0.29905	\$0.06682	\$0.08848	\$0.06886	\$0.46002
			\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
BTS w/FFU Charge \$000			\$34,372	\$12,845	\$15	\$228	\$1,480	\$48,940
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr			\$1,386,320	\$303,079	\$96	\$1,828	\$9,552	\$1,700,875
Average Rate w/ FAR \$/th			\$0.55810	\$0.31229	\$0.07944	\$0.10110	\$0.08148	\$0.47365

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's	Non Core	EG Tier 1	EG Tier 2	EOR	Total Retail	Long	SDG&E	Sout West	Vernon
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$73,966	\$10,354	\$40,767	\$4,045	\$129,131	\$2,089	\$12,634	\$1,756	\$1,740
EOR Revenue allocated to Other Classes \$000	(\$143)	(\$21)	(\$69)		(\$233)	(\$4)	(\$19)	(\$3)	(\$3)
EOR Costs allocated to Other Classes \$000	\$157	\$23	\$76	(\$4,045)	(\$3,789)	\$4	\$21	\$4	\$3
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$73,980	\$10,356	\$40,773	\$0	\$125,109	\$2,089	\$12,636	\$1,756	\$1,740
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,440,163	76,202	2,750,762		4,267,127	117,093	1,230,285	81,737	116,135
Average Rate w/oFAR \$/th	\$0.05137	\$0.13590	\$0.01482	\$0.00000	\$0.02932	\$0.01784	\$0.01027	\$0.02149	\$0.01498
FFU Rate	101.73%	101.73%	101.73%	100.00%		101.48%	101.48%	101.48%	101.48%
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	1,440,163	76,202	2,750,762	156,187	4,423,313	117,093	1,230,285	81,737	116,135
Sempra Wide & TLS Adjustments::									
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$73,980		\$51,129		\$125,109	\$2,089	\$12,636	\$1,756	\$1,740
SW NGV Adjustment					\$0				
SW EG Adjustment			(\$90)		(\$90)				
TLS Adjustment									
Amount allocated to TLS Class \$000	(\$7,078)		(\$40,578)		(\$47,656)	(\$2,089)		(\$1,756)	(\$1,740)
TLS revenue paid by class @ average TLS rate \$000	\$8,162		\$42,507		\$50,668	\$2,013		\$1,405	\$1,996
	\$1,083		\$1,929		\$3,012	(\$77)	\$0	(\$351)	\$256
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$75,063		\$52,968		\$128,031	\$2,013	\$12,636	\$1,405	\$1,996
Rate Tables difference	\$75,063		\$52,968		\$128,031	\$2,013	\$12,636	\$1,405	\$1,996
	\$0		\$0		\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr	1,440,163		2,826,964		4,267,127	117,093	1,230,285	81,737	116,135
Average Rate w/oFAR \$/th	\$0.05212		\$0.01874		\$0.03000	\$0.01719	\$0.01027	\$0.01719	\$0.01719
Rate Tables difference	\$0.05212		\$0.01874		\$0.03000	\$0.01719	\$0.01027	\$0.01719	\$0.01719
	\$0.00000		\$0.00000		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
BTS w/FFU Charge \$000	\$18,234	\$962	\$34,717	\$1,971	\$55,883	\$1,560	\$15,351	\$1,058	\$1,466
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$93,297	\$962	\$87,685	\$1,971	\$183,914	\$3,573	\$27,987	\$2,462	\$3,462
Average Rate w/ FAR \$/th	\$0.06478	\$0.01262	\$0.03188		\$0.04310	\$0.03052	\$0.02275	\$0.03013	\$0.02981

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's	Total	DGN	TBS	Total Non	Total		
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0	\$34,761	(\$34,761)
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$18,218	\$804	\$27,530	\$175,684	\$1,827,874		
EOR Revenue allocated to Other Classes \$000	(\$29)	(\$1)	\$0	(\$263)	(\$3,685)		
EOR Costs allocated to Other Classes \$000	\$31	\$2	\$0	(\$3,756)	\$0		
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0		
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$18,221	\$804	\$27,530	\$171,664	\$1,824,189		
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,545,250	53,990	0	5,866,366	9,457,396		
Average Rate w/oFAR \$/th	\$0.01179	\$0.01489	\$0.00000	\$0.02926	\$0.19288		
FFU Rate		101.48%	101.73%				
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	1,545,250	53,990	0	6,022,553	9,613,583		
Sempra Wide & TLS Adjustments::							
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$18,221	\$804	\$27,530	\$171,664	\$1,824,189		
SW NGV Adjustment	\$0			\$0	(\$590)		
SW EG Adjustment	\$0			(\$90)	(\$90)		
TLS Adjustment							
Amount allocated to TLS Class \$000	(\$5,585)	(\$804)		(\$54,046)	(\$54,046)		
TLS revenue paid by class @ average TLS rate \$000	\$5,414	\$928		\$57,010	\$57,010		
	(\$172)	\$124	\$0	\$2,964	\$2,964		
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$18,049	\$928	\$27,530	\$174,539	\$1,826,474		
Rate Tables difference	\$18,049	\$928	\$27,530	\$174,539	\$1,826,474		
	\$0	\$0	\$0	\$0	\$0		
AYTP Mth/yr	1,545,250	53,990		5,866,366	9,457,396		
Average Rate w/oFAR \$/th	\$0.01168	\$0.01719		\$0.02975	\$0.19313		
Rate Tables difference		\$0.01719			\$0.19313		
		\$0.00000			\$0.00000		
BTS w/FFU Charge \$000	\$19,435	\$681	\$0	\$75,999	\$124,939		
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$37,484	\$1,609	\$27,530	\$250,538	\$1,951,413		
Average Rate w/ FAR \$/th	\$0.02426	\$0.02981		\$0.04271	\$0.20634		

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's	Source	Allocation
Core Interstate Pipeline Demand Charges (IPDC)	2009FC @ 9/10/2007	Core ECPT
Core Averaging	Misc Input	Res & CCI
Transport Rev Req before EOR & G-EN CAP adjustments \$000		
EOR Revenue allocated to Other Classes \$000	EOR	
EOR Costs allocated to Other Classes \$000	EOR	
Gas Engine Rate CAP adjustment	G-EN	Core EPAM excl G-EN
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr		
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	Alloc Factors	
Average Rate w/oFAR \$/th		
FFU Rate	Misc Input	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr		
Sempre Wide & TLS Adjustments::		
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr		
SW NGV Adjustment		
SW EG Adjustment		
TLS Adjustment		
Amount allocated to TLS Class \$000		
TLS revenue paid by class @ average TLS rate \$000		
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr		
<i>Rate Tables</i>		
<i>difference</i>		
AYTP Mth/yr		
Average Rate w/oFAR \$/th		
<i>Rate Tables</i>		
<i>difference</i>		
BTS w/FFU Charge \$000	SI & FAR	
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr		
Average Rate w/ FAR \$/th		

SoCalGas Cost Allocation
SCG RD Model v12-29-2011

Allocation %

COST COMPONENTS \$000's	Total	Resid	Core	NR A/C	Gas Eng	NGV	Total	Non	EG <3	EG >=3	EOR	Total
Core Interstate Pipeline Demand Charges (IPDC)	100.0%	69.2%	27.0%	0.0%	0.5%	3.3%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Core Averaging	0.0%	100.0%	-100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
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Transport Rev Req before EOR & G-EN CAP adjustments \$000												
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EOR Revenue allocated to Other Classes \$000												
EOR Costs allocated to Other Classes \$000												
Gas Engine Rate CAP adjustment	0.0%	83.8%	15.7%	0.0%	-100.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr												
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AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr												
Average Rate w/oFAR \$/th												
FFU Rate												
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr												
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Sempra Wide & TLS Adjustments::												
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr												
SW NGV Adjustment												
SW EG Adjustment												
TLS Adjustment												
Amount allocated to TLS Class \$000												
TLS revenue paid by class @ average TLS rate \$000												
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Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr												
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Rate Tables												
difference												
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AYTP Mth/yr												
Average Rate w/oFAR \$/th												
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Rate Tables												
difference												
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BTS w/FFU Charge \$000												
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr												
Average Rate w/ FAR \$/th												
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SoCalGas Cost Allocation
SCG RD Model v12-29-2011

COST COMPONENTS \$000's	Long	SDG&E	Sout	Vernon	Total	DGN	TBS	Total
Core Interstate Pipeline Demand Charges (IPDC)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Core Averaging	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
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Transport Rev Req before EOR & G-EN CAP adjustments \$000								
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EOR Revenue allocated to Other Classes \$000								
EOR Costs allocated to Other Classes \$000								
Gas Engine Rate CAP adjustment	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr								
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AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr								
Average Rate w/oFAR \$/th								
FFU Rate								
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr								
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Sempra Wide & TLS Adjustments::								
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr								
SW NGV Adjustment								
SW EG Adjustment								
TLS Adjustment								
Amount allocated to TLS Class \$000								
TLS revenue paid by class @ average TLS rate \$000								
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Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr								
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<i>Rate Tables</i>								
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AYTP Mth/yr								
Average Rate w/oFAR \$/th								
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<i>Rate Tables</i>								
<i>difference</i>								
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BTS w/FFU Charge \$000								
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr								
Average Rate w/ FAR \$/th								
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SoCalGas Reconcile Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Base Margin Costs:						
Customer Related Costs	\$242,671	\$36,953	(\$21)	\$377	(\$1,817)	\$278,164
Medium Pressure Distribution Costs	(\$149,110)	(\$25,972)	\$3	(\$67)	\$1,438	(\$173,708)
High Pressure Distribution Costs	(\$43,039)	(\$10,790)	(\$12)	(\$99)	(\$240)	(\$54,181)
Backbone Transmission Costs	(\$249)	\$432	(\$7)	(\$2)	\$158	\$331
Local Transmission Costs	(\$5,464)	(\$1,166)	(\$3)	(\$17)	\$38	(\$6,611)
Storage - Seasonal	(\$3,892)	\$3,488	(\$0)	(\$10)	\$359	(\$55)
Storage - Load Balancing	(\$181)	(\$31)	(\$1)	(\$1)	\$5	(\$209)
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	(\$5,602)	(\$7,491)	(\$0)	(\$6)	\$1,229	(\$11,869)
Uncollectibles	(\$838)	(\$152)	(\$0)	\$3	\$3	(\$983)
NGV compression adder	\$0	\$0	\$0	\$0	(\$233)	(\$233)
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	\$34,298	(\$4,728)	(\$41)	\$178	\$941	\$30,647
Less Backbone Transmission Costs	\$249	(\$432)	\$7	\$2	(\$158)	(\$331)
Less Local Transmission Costs	\$5,464	\$1,166	\$3	\$17	(\$38)	\$6,611
 Plus Local Transmission Costs w/SI, FFU	 (\$13,028)	 (\$3,243)	 (\$4)	 (\$32)	 (\$141)	 (\$16,448)
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	\$26,982	(\$7,237)	(\$35)	\$165	\$604	\$20,479

Other Operating Costs and Revenues	Add FFU Y or N?	Amount to Allocate (w/o F&U)						
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Company Use Gas: Other	Y	(\$1,129)	(\$303)	(\$115)	(\$0)	(\$2)	(\$13)	(\$434)
Company Use Gas: Storage Load Balancing	N	(\$393)	(\$111)	(\$38)	(\$0)	(\$1)	(\$3)	(\$154)
AMI	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	N	\$0	(\$0)	\$0	(\$0)	(\$0)	\$0	(\$0)
Fuel Cell Equipment Revenues	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	Y	(\$6,240)	(\$3,372)	(\$1,040)	(\$6)	(\$25)	(\$64)	(\$4,507)
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	Y	\$38	\$8	\$4	(\$0)	\$0	\$1	\$13
Subtotal Other Operating Costs and Revenues		(\$7,724)	(\$3,779)	(\$1,188)	(\$6)	(\$28)	(\$80)	(\$5,081)

SoCalGas Reconcile Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon
Base Margin Costs:									
Customer Related Costs	\$7,599	(\$2,045)	\$5,601	\$382	\$11,536	\$305	\$832	\$112	\$83
Medium Pressure Distribution Costs	(\$9,862)	(\$452)	(\$16)	(\$32)	(\$10,363)	\$0	\$0	\$0	\$0
High Pressure Distribution Costs	(\$11,579)	(\$647)	(\$5,972)	(\$713)	(\$18,911)	\$0	\$0	\$0	\$0
Backbone Transmission Costs	\$687	(\$171)	\$2,757	(\$84)	\$3,189	(\$405)	(\$192)	(\$140)	(\$410)
Local Transmission Costs	(\$1,884)	(\$158)	(\$1,460)	(\$145)	(\$3,647)	(\$329)	(\$1,914)	(\$59)	(\$153)
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$0	(\$655)	\$0	\$0
Storage - Load Balancing	(\$8)	(\$21)	\$124	(\$16)	\$79	(\$43)	(\$69)	(\$21)	(\$46)
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	(\$946)	(\$1,070)	\$784	\$425	(\$807)	(\$155)	(\$163)	(\$139)	(\$186)
Uncollectibles	(\$94)	(\$12)	(\$33)	\$0	(\$139)	\$0	\$0	\$0	\$0
NGV compression adder	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	(\$16,087)	(\$4,576)	\$1,784	(\$184)	(\$19,063)	(\$628)	(\$2,162)	(\$247)	(\$711)
Less Backbone Transmission Costs	(\$687)	\$171	(\$2,757)	\$84	(\$3,189)	\$405	\$192	\$140	\$410
Less Local Transmission Costs	\$1,884	\$158	\$1,460	\$145	\$3,647	\$329	\$1,914	\$59	\$153
Plus Local Transmission Costs w/SI, FFU	(\$4,230)	(\$266)	(\$5,160)	(\$371)	(\$10,027)	(\$578)	\$0	(\$236)	(\$330)
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	(\$19,120)	(\$4,513)	(\$4,672)	(\$327)	(\$28,632)	(\$471)	(\$55)	(\$285)	(\$478)

Other Operating Costs and Revenues

n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Company Use Gas: Other	(\$170)	(\$10)	(\$315)	(\$19)	(\$514)	(\$17)	(\$149)	(\$11)	(\$17)
Company Use Gas: Storage Load Balancing	(\$56)	(\$5)	(\$90)	(\$8)	(\$159)	(\$9)	(\$55)	(\$6)	(\$10)
AMI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$0	(\$0)	\$0	\$0	\$0	(\$0)	(\$0)	(\$0)	(\$0)
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	(\$421)	(\$50)	(\$610)	(\$66)	(\$1,148)	(\$93)	(\$446)	(\$52)	(\$97)
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$7	(\$0)	\$16	\$0	\$23	(\$1)	\$4	(\$0)	(\$1)
Subtotal Other Operating Costs and Revenues	(\$640)	(\$66)	(\$998)	(\$93)	(\$1,798)	(\$120)	(\$646)	(\$69)	(\$124)

SoCalGas Reconcile Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000
Base Margin Costs:					
Customer Related Costs	\$1,332	\$26	\$0	\$12,894	\$291,058
Medium Pressure Distribution Costs	\$0	\$0	\$0	(\$10,363)	(\$184,070)
High Pressure Distribution Costs	\$0	\$0	\$0	(\$18,911)	(\$73,092)
Backbone Transmission Costs	(\$1,148)	\$136	\$0	\$2,177	\$2,508
Local Transmission Costs	(\$2,455)	(\$26)	\$0	(\$6,128)	(\$12,739)
Storage - Seasonal	(\$655)	\$0	\$0	(\$655)	(\$710)
Storage - Load Balancing	(\$180)	\$10	\$0	(\$90)	(\$299)
Storage - TBS	\$0	\$0	\$409	\$409	\$409
Non-DSM Marketing Related Costs	(\$643)	(\$87)	\$0	(\$1,537)	(\$13,406)
Uncollectibles	\$0	\$0	\$0	(\$139)	(\$1,123)
NGV compression adder	\$0	\$0	\$0	\$0	(\$233)
Total Margin Allocation pre-SI, pre-BTS Unbundle w/FFU	(\$3,749)	\$60	\$409	(\$22,344)	\$8,304
Less Backbone Transmission Costs	\$1,148	(\$136)	\$0	(\$2,177)	(\$2,508)
Less Local Transmission Costs	\$2,455	\$26	\$0	\$6,128	\$12,739
 Plus Local Transmission Costs w/SI, FFU	 (\$1,144)	 (\$110)	 \$0	 (\$11,281)	 (\$27,729)
Total Allocated Base Margin post-SI, post-BTS Unbundle, w/ FFU	(\$1,289)	(\$161)	\$409	(\$29,673)	(\$9,195)

Other Operating Costs and Revenues						F&U Amount \$000	Total Allocated \$000
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Company Use Gas: Other	(\$194)	(\$6)	\$0	(\$714)	(\$1,148)	(\$19)	(\$1,129)
Company Use Gas: Storage Load Balancing	(\$79)	(\$1)	\$0	(\$239)	(\$393)	\$0	(\$393)
AMI	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	(\$0)	\$0	\$0	\$0	\$0	\$0	\$0
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	(\$689)	(\$1)	\$0	(\$1,838)	(\$6,345)	(\$105)	(\$6,240)
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$3	\$1	\$0	\$26	\$39	\$1	\$38
Subtotal Other Operating Costs and Revenues	(\$960)	(\$7)	\$0	(\$2,765)	(\$7,847)	(\$123)	(\$7,724)

SoCalGas Reconcile Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's			Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Regulatory Accounts								
Affiliate Transfer Fee Account (ATFA)	Y	(\$262)	(\$213)	(\$38)	(\$0)	(\$0)	(\$1)	(\$252)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	Y	(\$2,536)	(\$698)	(\$1,874)	\$0	(\$1)	(\$6)	(\$2,580)
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	Y	(\$130)	(\$52)	(\$11)	(\$0)	(\$0)	\$1	(\$63)
California Solar Initiative Balancing Account (CSIBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	Y	(\$14,940)	(\$9,998)	(\$4,468)	\$3	(\$72)	(\$664)	(\$15,198)
On-Bill Financing Balancing Account (OBFBA)	Y	(\$1,000)	(\$791)	(\$148)	(\$0)	(\$1)	(\$5)	(\$945)
Economic Practicality Shortfall Memorandum Account (EPSMA)	Y	\$218	\$0	\$0	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	Y	\$496	\$171	\$123	(\$0)	\$2	\$22	\$318
Enhanced Oil Recovery Account (EORA)	Y	(\$1,159)	(\$897)	(\$166)	(\$0)	(\$1)	(\$6)	(\$1,070)
Environmental Fee Balance Account EFBA	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	Y	(\$1,663)	(\$509)	(\$164)	(\$1)	(\$4)	(\$12)	(\$691)
Honor Rancho Storage Memorandum Account (HRSMA)	Y	(\$3,974)	(\$1,900)	(\$274)	\$0	\$0	\$0	(\$2,174)
Interim Call Center Memorandum Account (ICCMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	Y	(\$166)	(\$45)	(\$17)	(\$0)	(\$0)	(\$2)	(\$64)
Otay Mesa System Reliability Memorandum Account (OMSRMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	N	(\$2,704)	(\$1,351)	(\$507)	(\$1)	(\$10)	(\$57)	(\$1,925)
Noncore Fixed Cost Account (NFCA) Margin	Y	(\$1,492)	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Fixed Cost Account (NFCA) Nonmargin	Y	(\$2,370)	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Memorandum Account (NSMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	Y	(\$6,987)	(\$2,220)	(\$853)	(\$1)	(\$15)	(\$103)	(\$3,191)
Integrated Transmission Balancing Account (ITBA) Nonmargin	Y	\$2,891	\$939	\$351	\$0	\$6	\$40	\$1,337
Compressor Station Fuel and Power Balancing Account (CFPBA)	Y	\$3,642	\$1,141	\$446	\$0	\$8	\$55	\$1,650
Company-Use Fuel for Load Balancing Account (CUFLBA)	Y	(\$197)	(\$54)	(\$20)	(\$0)	(\$0)	(\$2)	(\$77)
System Reliability Memorandum Account (SRMA)	Y	(\$2,180)	(\$582)	(\$228)	(\$0)	(\$4)	(\$27)	(\$842)
Noncore Storage Balancing Account (NSBA)	Y	(\$2,597)	(\$497)	(\$299)	\$1	(\$3)	(\$59)	(\$858)
Pension Balancing Account (PBA)	Y	\$0	\$1,593	(\$274)	(\$2)	\$8	\$30	\$1,355
PBOP Balancing Account (PBOPBA)	Y	\$0	\$366	(\$63)	(\$0)	\$2	\$7	\$311
Research Development and Demonstration Expense Account (RDDEA)	Y	(\$1)	(\$1)	(\$0)	(\$0)	(\$0)	(\$0)	(\$1)
Research Royalty Memorandum Account (RRMA)	Y	\$67	\$52	\$10	\$0	\$0	\$0	\$62
Self-Generation Program Memorandum Account (SGPMA)	Y	\$0	(\$67)	\$10	(\$1)	(\$1)	\$9	(\$50)
Rewards & Penalties Balancing Account (RPBA)	Y	(\$4,298)	(\$3,399)	(\$635)	(\$0)	(\$4)	(\$22)	(\$4,059)
Total Regulatory Accounts		(\$41,342)	(\$19,014)	(\$9,098)	(\$1)	(\$91)	(\$802)	(\$29,006)

SoCalGas Reconcile Cost Allocation
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COST COMPONENTS \$000's	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon
Regulatory Accounts									
Affiliate Transfer Fee Account (ATFA)	(\$7)	(\$1)	(\$4)	\$0	(\$12)	(\$0)	(\$1)	(\$0)	(\$0)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	(\$15)	(\$5)	(\$2)	\$0	(\$22)	(\$9)	(\$25)	(\$5)	(\$10)
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	(\$39)	(\$6)	(\$19)	\$0	(\$64)	(\$1)	(\$5)	(\$1)	(\$1)
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$222	\$0	\$0	\$0	\$222	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$186	\$0	\$0	\$0	\$186	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	(\$59)	(\$8)	(\$29)	\$0	(\$96)	(\$2)	(\$8)	(\$1)	(\$1)
Environmental Fee Balance Account EFBA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	(\$239)	(\$27)	(\$354)	\$0	(\$620)	(\$50)	(\$249)	(\$28)	(\$52)
Honor Rancho Storage Memorandum Account (HRSMA)	(\$30)	(\$2)	(\$57)	(\$3)	(\$92)	(\$2)	(\$304)	(\$2)	(\$2)
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	(\$26)	(\$1)	(\$48)	\$0	(\$75)	(\$2)	(\$22)	(\$2)	(\$2)
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	(\$201)	(\$13)	(\$369)	\$0	(\$583)	(\$21)	(\$179)	(\$14)	(\$21)
Noncore Fixed Cost Account (NFCA) Margin	(\$879)	(\$161)	(\$341)	\$0	(\$1,381)	(\$22)	(\$70)	(\$17)	(\$20)
Noncore Fixed Cost Account (NFCA) Nonmargin	(\$596)	(\$23)	(\$1,201)	\$0	(\$1,820)	(\$29)	(\$480)	(\$25)	(\$28)
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	(\$1,214)	(\$55)	(\$2,375)	\$0	(\$3,644)	(\$83)	\$0	(\$62)	(\$77)
Integrated Transmission Balancing Account (ITBA) Nonmargin	\$498	\$26	\$949	\$0	\$1,473	\$43	\$0	\$29	\$40
Compressor Station Fuel and Power Balancing Account (CFPBA)	\$636	\$26	\$1,264	\$0	\$1,926	\$37	\$0	\$30	\$34
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$29)	(\$2)	(\$52)	(\$4)	(\$87)	(\$4)	(\$27)	(\$2)	(\$4)
System Reliability Memorandum Account (SRMA)	(\$338)	(\$18)	(\$645)	\$0	(\$1,000)	(\$27)	(\$288)	(\$19)	(\$27)
Noncore Storage Balancing Account (NSBA)	(\$460)	\$20	(\$1,187)	\$0	(\$1,627)	\$57	(\$254)	\$19	\$63
Pension Balancing Account (PBA)	(\$874)	(\$208)	(\$209)	\$0	(\$1,291)	(\$21)	(\$0)	(\$13)	(\$22)
PBOP Balancing Account (PBOPBA)	(\$201)	(\$48)	(\$48)	\$0	(\$296)	(\$5)	(\$0)	(\$3)	(\$5)
Research Development and Demonstration Expense Account (RDDEA)	(\$0)	(\$0)	(\$0)	\$0	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
Research Royalty Memorandum Account (RRMA)	\$3	\$1	\$1	\$0	\$6	\$0	\$0	\$0	\$0
Self-Generation Program Memorandum Account (SGPMA)	\$20	(\$14)	\$144	\$0	\$149	(\$31)	(\$30)	(\$14)	(\$33)
Rewards & Penalties Balancing Account (RPBA)	(\$170)	(\$25)	(\$82)	\$0	(\$277)	(\$4)	(\$22)	(\$4)	(\$4)
Total Regulatory Accounts	(\$3,811)	(\$543)	(\$4,666)	(\$7)	(\$9,026)	(\$179)	(\$1,966)	(\$134)	(\$172)

SoCalGas Reconcile Cost Allocation
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COST COMPONENTS \$000's	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000		
Regulatory Accounts							
Affiliate Transfer Fee Account (ATFA)	(\$2)	(\$0)	\$0	(\$14)	(\$267)	(\$5)	(\$262)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	(\$2,580)	(\$44)	(\$2,536)
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	(\$49)	\$2	\$0	(\$69)	(\$133)	(\$2)	(\$130)
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	(\$15,198)	(\$258)	(\$14,940)
On-Bill Financing Balancing Account (OBFBA)	(\$8)	(\$0)	\$0	(\$73)	(\$1,017)	(\$17)	(\$1,000)
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$222	\$222	\$4	\$218
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$186	\$504	\$9	\$496
Enhanced Oil Recovery Account (EORA)	(\$12)	(\$1)	\$0	(\$109)	(\$1,179)	(\$20)	(\$1,159)
Environmental Fee Balance Account EFBA	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Integrity Management Program Memorandum Account (DIMPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	(\$380)	(\$1)	\$0	(\$1,001)	(\$1,691)	(\$28)	(\$1,663)
Honor Rancho Storage Memorandum Account (HRSMA)	(\$311)	(\$1)	(\$1,463)	(\$1,868)	(\$4,042)	(\$68)	(\$3,974)
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	(\$28)	(\$1)	\$0	(\$104)	(\$169)	(\$3)	(\$166)
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCB Expense Account (PCBEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	(\$235)	(\$6)	\$0	(\$825)	(\$2,750)	(\$46)	(\$2,704)
Noncore Fixed Cost Account (NFCA) Margin	(\$129)	(\$8)	\$0	(\$1,518)	(\$1,518)	(\$25)	(\$1,492)
Noncore Fixed Cost Account (NFCA) Nonmargin	(\$562)	(\$27)	\$0	(\$2,410)	(\$2,410)	(\$40)	(\$2,370)
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	(\$222)	(\$50)	\$0	(\$3,916)	(\$7,107)	(\$120)	(\$6,987)
Integrated Transmission Balancing Account (ITBA) Nonmargin	\$111	\$19	\$0	\$1,603	\$2,941	\$50	\$2,891
Compressor Station Fuel and Power Balancing Account (CFPBA)	\$101	\$28	\$0	\$2,054	\$3,705	\$63	\$3,642
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$36)	(\$1)	\$0	(\$124)	(\$200)	(\$3)	(\$197)
System Reliability Memorandum Account (SRMA)	(\$361)	(\$13)	\$0	(\$1,375)	(\$2,217)	(\$37)	(\$2,180)
Noncore Storage Balancing Account (NSBA)	(\$116)	(\$41)	\$0	(\$1,783)	(\$2,641)	(\$44)	(\$2,597)
Pension Balancing Account (PBA)	(\$57)	(\$7)	\$0	(\$1,355)	\$0	\$0	\$0
PBOP Balancing Account (PBOPBA)	(\$13)	(\$2)	\$0	(\$311)	\$0	\$0	\$0
Research Development and Demonstration Expense Account (RDDEA)	(\$0)	(\$0)	\$0	(\$0)	(\$1)	(\$0)	(\$1)
Research Royalty Memorandum Account (RRMA)	\$1	\$0	\$0	\$6	\$68	\$1	\$67
Self-Generation Program Memorandum Account (SGPMA)	(\$108)	\$9	\$0	\$50	\$0	\$0	\$0
Rewards & Penalties Balancing Account (RPBA)	(\$34)	(\$2)	\$0	(\$312)	(\$4,372)	(\$74)	(\$4,298)
Total Regulatory Accounts	(\$2,450)	(\$104)	(\$1,463)	(\$13,044)	(\$42,050)	(\$707)	(\$41,342)

SoCalGas Reconcile Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's		Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Core Interstate Pipeline Demand Charges (IPDC)	Y	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	N	\$34,761	(\$34,761)	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000		(\$14,305)	(\$52,286)	(\$42)	\$46	(\$277)	(\$13,609)
EOR Revenue allocated to Other Classes \$000		\$101	\$45	\$0	(\$0)	(\$0)	\$146
EOR Costs allocated to Other Classes \$000		(\$256)	(\$75)	(\$0)	(\$0)	(\$1)	(\$331)
Gas Engine Rate CAP adjustment	N	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr		\$38,796	(\$52,316)	(\$42)	\$45	(\$278)	(\$13,794)
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr		(936)	42,658	(635)	(97)	14,681	55,671
Average Rate w/oBTS \$/th		\$0.01583	(\$0.06423)	\$0.00111	\$0.00300	(\$0.01033)	(\$0.01081)
FFU Rate		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr		(936)	42,658	(635)	(97)	14,681	55,671
Sempra Wide & TLS Adjustments::							
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr		\$38,796	(\$52,316)	(\$42)	\$45	(\$278)	(\$13,794)
SW NGV Adjustment		\$0	\$0	\$0	\$0	\$653	\$653
SW EG Adjustment		\$0	\$0	\$0	\$0	\$0	\$0
TLS Adjustment							
Amount allocated to TLS Class \$000		\$0	\$0	\$0	\$0	\$0	\$0
TLS revenue paid by class @ average TLS rate \$000		\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr		\$38,796	(\$52,316)	(\$42)	\$45	\$374	(\$13,142)
Rate Tables difference		\$38,796	(\$52,316)	(\$42)	\$45	\$374	(\$13,142)
		\$0	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr		(936)	42,658	(635)	(97)	14,681	55,671
Average Rate w/oBTS \$/th		\$0.01583	(\$0.06423)	\$0.00111	\$0.00300	(\$0.00483)	(\$0.01063)
Rate Tables difference		\$0.01583	(\$0.06423)	\$0.00111	\$0.00300	(\$0.00483)	(\$0.01063)
		\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
BTS w/FFU Charge \$000		\$9,606	\$4,339	(\$6)	\$63	\$654	\$14,656
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr		\$48,402	(\$47,976)	(\$48)	\$108	\$1,029	\$1,514
Average Rate w/ BTS \$/th		\$0.01970	(\$0.06050)	\$0.00467	\$0.00656	(\$0.00127)	(\$0.00682)

SoCalGas Reconcile Cost Allocation
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	(\$23,571)	(\$5,123)	(\$10,337)	(\$427)	(\$39,457)	(\$771)	(\$2,667)	(\$488)	(\$774)
EOR Revenue allocated to Other Classes \$000	\$49	\$11	\$14	\$0	\$73	\$1	\$1	\$1	\$1
EOR Costs allocated to Other Classes \$000	(\$58)	(\$12)	(\$18)	\$427	\$338	(\$1)	(\$2)	(\$1)	(\$1)
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	(\$23,581)	(\$5,124)	(\$10,341)	\$0	(\$39,046)	(\$771)	(\$2,668)	(\$488)	(\$775)
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	70,132	(14,665)	260,623	0	316,091	(33,016)	3,088	(14,566)	(35,532)
Average Rate w/oBTS \$/th	(\$0.01800)	(\$0.05089)	(\$0.00472)	\$0.00000	(\$0.01054)	(\$0.00216)	(\$0.00219)	(\$0.00260)	(\$0.00301)
FFU Rate	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	70,132	(14,665)	260,623	(6,417)	309,674	(33,016)	3,088	(14,566)	(35,532)
Sempra Wide & TLS Adjustments::									
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	(\$23,581)	\$0	(\$15,465)	\$0	(\$39,046)	(\$771)	(\$2,668)	(\$488)	(\$775)
SW NGV Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SW EG Adjustment	\$0	\$0	(\$253)	\$0	(\$253)	\$0	\$0	\$0	\$0
TLS Adjustment									
Amount allocated to TLS Class \$000	\$1,363	\$0	\$15,540	\$0	\$16,903	\$771	\$0	\$488	\$775
TLS revenue paid by class @ average TLS rate \$000	\$302	\$0	(\$8,081)	\$0	(\$7,779)	(\$962)	\$0	(\$565)	(\$989)
	\$1,665	\$0	\$7,459	\$0	\$9,124	(\$191)	\$0	(\$77)	(\$214)
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr	(\$21,916)	\$0	(\$8,260)	\$0	(\$30,175)	(\$962)	(\$2,668)	(\$565)	(\$989)
Rate Tables difference	(\$21,916)	\$0	(\$8,260)	\$0	(\$30,175)	(\$962)	(\$2,668)	(\$565)	(\$989)
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr	70,132	0	245,959	0	316,091	(33,016)	3,088	(14,566)	(35,532)
Average Rate w/oBTS \$/th	(\$0.01693)	\$0.00000	(\$0.00419)	\$0.00000	(\$0.00865)	(\$0.00469)	(\$0.00219)	(\$0.00469)	(\$0.00469)
Rate Tables difference	(\$0.01693)	\$0.00000	(\$0.00419)	\$0.00000	(\$0.00865)	(\$0.00469)	(\$0.00219)	(\$0.00469)	(\$0.00469)
	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
BTS w/FFU Charge \$000	\$6,266	\$34	\$13,999	\$452	\$20,751	(\$127)	\$4,989	\$106	(\$162)
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr	(\$15,649)	\$34	\$5,740	\$452	(\$9,424)	(\$1,089)	\$2,321	(\$459)	(\$1,150)
Average Rate w/ BTS \$/th	(\$0.01337)	\$0.00356	(\$0.00085)	\$0.00000	(\$0.00503)	(\$0.00096)	\$0.00182	(\$0.00030)	(\$0.00113)

SoCalGas Reconcile Cost Allocation
2013TCAP SCG RD Model - 2/22/2013 Update Filing

COST COMPONENTS \$000's	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000		
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0	(\$34,761)	\$34,761
Transport Rev Req before EOR & G-EN CAP adjustments \$000	(\$4,700)	(\$271)	(\$1,055)	(\$45,483)	(\$59,092)	\$0	0
EOR Revenue allocated to Other Classes \$000	\$4	\$0	\$0	\$78	\$224		
EOR Costs allocated to Other Classes \$000	(\$6)	(\$1)	\$0	\$331	\$0		
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0		
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	(\$4,702)	(\$271)	(\$1,055)	(\$45,073)	(\$58,868)		
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	(80,026)	12,390	0	248,454	304,126		
Average Rate w/oBTS \$/th	(\$0.00256)	(\$0.00687)	\$0.00000	(\$0.00856)	(\$0.01204)		
FFU Rate	0.00%	0.00%	0.00%	0.00%	0.00%		
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	(80,026)	12,390	0	242,038	297,709		
Sempra Wide & TLS Adjustments::							
Transport Rev Req w/SI, FFU, EOR Cr w/o BTS Rev, SW adj, TLS \$000/yr	(\$4,702)	(\$271)	(\$1,055)	(\$45,073)	(\$58,868)		
SW NGV Adjustment	\$0	\$0	\$0	\$0	\$653		
SW EG Adjustment	\$0	\$0	\$0	(\$253)	(\$253)		
TLS Adjustment							
Amount allocated to TLS Class \$000	\$2,033	\$271	\$0	\$19,208	\$19,208		
TLS revenue paid by class @ average TLS rate \$000	(\$2,515)	(\$98)	\$0	(\$10,393)	(\$10,393)		
	(\$482)	\$173	\$0	\$8,815	\$8,815		
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o BTS Rev \$000/yr	(\$5,184)	(\$98)	(\$1,055)	(\$36,512)	(\$49,653)		
Rate Tables difference	(\$5,184)	(\$98)	(\$1,055)	(\$36,512)	(\$49,653)		
	\$0	\$0	\$0	\$0	\$0		
AYTP Mth/yr							
AYTP Mth/yr	(80,026)	12,390	0	248,454	304,126		
Average Rate w/oBTS \$/th	(\$0.00290)	(\$0.00469)	\$0.00000	(\$0.00718)	(\$0.01110)		
Rate Tables difference	\$0.00000	(\$0.00469)	\$0.00000	\$0.00000	(\$0.01110)		
	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000		
BTS w/FFU Charge \$000							
BTS w/FFU Charge \$000	\$4,807	\$392	\$0	\$25,950	\$40,606		
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, BTS Rev \$000/yr	(\$377)	\$294	(\$1,055)	(\$10,562)	(\$9,047)		
Average Rate w/ BTS \$/th	\$0.00107	(\$0.00113)	\$0.00000	(\$0.00346)	(\$0.00736)		

SoCalGas Residential Bill Impact
2013TCAP SCG RD Model - 2/22/2013 Update Filing

- Notes:
 1) Transport rate as of 1/2012.
 2) G-CP rate from gas price forecast testimony of Mr. Emrrich
 3) PPPS rate for non-care customer. Current rate in 2012.
 4) BL usage limits reflect Zone 1
 5) G-SRF rate as of 1/2012
 6) Seasonal bill based on average rate for season * #therms.
 6) Month Average = annual \$amount/12 and Monthly Avg Rate = \$amount/#therms.

	5-yr average SF winter peak month	5-yr average SF summer month (may-oct)	Monthly Class Average	Annual Charges	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SCG Residential - Current Rates:																
Customer Charge \$/day =	\$0.16438	\$0.16438	\$0.16438		\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438
BL Rate \$/th =	\$0.33904	\$0.33904	\$0.33904		\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904	\$0.33904
NBL Rate \$/th =	\$0.59904	\$0.59904	\$0.59904		\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904	\$0.59904
G-CP \$/th =	\$0.43200	\$0.43200	\$0.43200		\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200
PPPS \$/th =	\$0.08231	\$0.08231	\$0.08231		\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231
G-SRF \$/th =	\$0.00068	\$0.00068	\$0.00068		\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068
Effective Average Rate \$/th	\$1.01301	\$1.15054	\$1.02153	\$1.02153	\$0.95500	\$0.97023	\$0.95500	\$0.95680	\$1.16596	\$1.17011	\$1.16596	\$1.16596	\$1.17011	\$1.16596	\$0.95680	\$0.95500
BL Usage limit th/day =	1.691	0.473	1.082		1.691	1.691	1.691	1.691	0.473	0.473	0.473	0.473	0.473	0.473	1.691	1.691
# days in month =	31	31	30.42	365.00	31	28	31	30	31	30	31	31	30	31	30	31
BL usage limit th/mo =	52	15	32.75	393.00	52	47	52	51	15	14	15	15	14	15	51	52
Total th used th/mo =	83	33	38.00	456.00	53.0	53.0	53.0	53.0	23.0	23.0	23.0	23.0	23.0	23.0	53.0	53.0
BL therms =	52.00	15.00	32.75	393.00	52.00	47.00	52.00	51.00	15.00	14.00	15.00	15.00	14.00	15.00	51.00	52.00
NBL therms =	31.39	17.75	5.25	63.00	0.97	5.97	0.97	1.97	8.03	9.03	8.03	8.03	9.03	8.03	1.97	0.97
Customer Charge \$/mo =	\$5.10	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$17.63	\$5.09	\$11.10	\$133.24	\$17.63	\$15.93	\$17.63	\$17.29	\$5.09	\$4.75	\$5.09	\$5.09	\$4.75	\$5.09	\$17.29	\$17.63
NBL charge \$/mo =	\$18.80	\$10.64	\$3.14	\$37.74	\$0.58	\$3.58	\$0.58	\$1.18	\$4.81	\$5.41	\$4.81	\$4.81	\$5.41	\$4.81	\$1.18	\$0.58
Commodity Charge \$/mo =	\$36.02	\$14.15	\$16.42	\$196.99	\$22.88	\$22.88	\$22.88	\$22.88	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$22.88	\$22.88
PPPS charge \$/mo =	\$6.86	\$2.70	\$3.13	\$37.53	\$4.36	\$4.36	\$4.36	\$4.36	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$4.36	\$4.36
G-PUC Regulatory Fee \$/mo =	\$0.06	\$0.02	\$0.03	\$0.31	\$0.04	\$0.04	\$0.04	\$0.04	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.04	\$0.04
Total Charge \$/mo =	\$84.47	\$37.68	\$38.82	\$465.82	\$50.59	\$51.39	\$50.59	\$50.68	\$26.85	\$26.95	\$26.85	\$26.85	\$26.95	\$26.85	\$50.68	\$50.59

SCG Residential - Proposed Rates:																
Customer Charge \$/day =	\$0.16438	\$0.16438	\$0.16438		\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438
BL Rate \$/th =	\$0.34855	\$0.34855	\$0.34855		\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855	\$0.34855
NBL Rate \$/th =	\$0.60855	\$0.60855	\$0.60855		\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855	\$0.60855
G-CPC \$/th =	\$0.43200	\$0.43200	\$0.43200		\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200
PPPS \$/th =	\$0.08231	\$0.08231	\$0.08231		\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231	\$0.08231
G-PUC Regulatory fee \$/th =	\$0.00068	\$0.00068	\$0.00068		\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068
Effective Average Rate \$/th	\$1.02251	\$1.16005	\$1.03103	\$1.03103	\$0.96450	\$0.97973	\$0.96450	\$0.96630	\$1.17546	\$1.17961	\$1.17546	\$1.17546	\$1.17961	\$1.17546	\$0.96630	\$0.96450
BL Usage limit th/day =	1.691	0.473	1.082		1.691	1.691	1.691	1.691	0.473	0.473	0.473	0.473	0.473	0.473	1.691	1.691
# days in month =	31	31	30.42	365.00	31	28	31	30	31	30	31	31	30	31	30	31
BL usage limit th/mo =	52	15	32.75	393.00	52	47	52	51	15	14	15	15	14	15	51	52
Total th used th/mo =	83	33	38.00	456.00	53.0	53.0	53.0	53.0	23.0	23.0	23.0	23.0	23.0	23.0	53.0	53.0
BL therms =	52.00	15.00	32.75	393.00	52.00	47.00	52.00	51.00	15.00	14.00	15.00	15.00	14.00	15.00	51.00	52.00
NBL therms =	31.39	17.75	5.25	63.00	0.97	5.97	0.97	1.97	8.03	9.03	8.03	8.03	9.03	8.03	1.97	0.97
Customer Charge \$/mo =	\$5.10	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$18.12	\$5.23	\$11.41	\$136.98	\$18.12	\$16.38	\$18.12	\$17.78	\$5.23	\$4.88	\$5.23	\$5.23	\$4.88	\$5.23	\$17.78	\$18.12
NBL charge \$/mo =	\$19.10	\$10.80	\$3.19	\$38.34	\$0.59	\$3.63	\$0.59	\$1.20	\$4.89	\$5.50	\$4.89	\$4.89	\$5.50	\$4.89	\$1.20	\$0.59
Commodity Charge \$/mo =	\$36.02	\$14.15	\$16.42	\$196.99	\$22.88	\$22.88	\$22.88	\$22.88	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$22.88	\$22.88
PPPS charge \$/mo =	\$6.86	\$2.70	\$3.13	\$37.53	\$4.36	\$4.36	\$4.36	\$4.36	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$1.90	\$4.36	\$4.36
G-PUC Regulatory Fee \$/mo =	\$0.06	\$0.02	\$0.03	\$0.31	\$0.04	\$0.04	\$0.04	\$0.04	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.04	\$0.04
Total Charge \$/mo =	\$85.27	\$38.00	\$39.18	\$470.15	\$51.09	\$51.90	\$51.09	\$51.18	\$27.07	\$27.17	\$27.07	\$27.07	\$27.17	\$27.07	\$51.18	\$51.09

Increase (decrease) from Current Rates \$/n **\$0.79** **\$0.31** **\$0.36** **\$4.33**

SoCalGas Residential Bill Impact
2013TCAP SCG RD Model - 2/22/2013 Update Filing

Notes:

- 1) G-CP rate from 10/2010 Reg. Acct. update
- 2) PPPS rate for non-care customer. Current rate in 2011.
- 3) G-SRF rate in 2009
- 4) Month Average = annual \$amount/12 and Monthly Avg Rate = \$amount/#therms.

	Monthly Average	Annual Charges	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SCG Core C&I - Current Rates:														
Customer Charge Tier 1 \$/day =	\$0.49315		\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315
Customer Charge Tier 2 \$/day =			\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315
Tier 1 Rate \$/th =	\$0.49316		\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316	\$0.49316
Tier 2 Rate \$/th =	\$0.24824		\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824	\$0.24824
Tier 3 Rate \$/th =	#DIV/0!		\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402	\$0.08402
G-CPC \$/th =	\$0.43200		\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200
PPPS \$/th =	\$0.06983		\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983
G-PUC Regulatory fee \$/th =	\$0.00068		\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068
Effective Average Rate \$/th	\$1.00485	\$1.00485	\$1.00581	\$1.00088	\$1.00581	\$1.00417	\$1.00581	\$1.00417	\$1.00581	\$1.00581	\$1.00417	\$1.00581	\$1.00417	\$1.00581
# days in month =	30	365	31	28	31	30	31	30	31	31	30	31	30	31
Tier Usage Limits (i.e. maximum # of therms charged at each tier):														
Tier 1 usage limit th/mo =	250	3,000	250	250	250	250	250	250	250	250	250	250	250	250
Tier 2 usage limit th/mo =	4,167	50,004	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167
Tier 3 no limit														
Total th used th/mo =	300	3,600	300	300	300	300	300	300	300	300	300	300	300	300
Tier 1 therms =	250	3,000	250	250	250	250	250	250	250	250	250	250	250	250
therms remaining to be classified	50	600	50	50	50	50	50	50	50	50	50	50	50	50
Tier 2 therms =	50	600	50	50	50	50	50	50	50	50	50	50	50	50
Tier 3 therms =	0	0	0	0	0	0	0	0	0	0	0	0	0	0
therms accounted for	300	3,600	300	300	300	300	300	300	300	300	300	300	300	300
Customer Charge \$/mo =	\$15	\$180	\$15.29	\$13.81	\$15.29	\$14.79	\$15.29	\$14.79	\$15.29	\$15.29	\$14.79	\$15.29	\$14.79	\$15.29
Tier 1 charges \$/mo =	\$123	\$1,479	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29	\$123.29
Tier 2 charges \$/mo =	\$12	\$149	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41	\$12.41
Tier 3 charges \$/mo =	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Commodity Charge \$/mo =	\$130	\$1,555	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60
PPPS charge \$/mo =	\$21	\$251	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95
G-PUC Regulatory Fee \$/mo =	\$0	\$2	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20
Total Charge \$/mo =	\$301	\$3,617	\$301.74	\$300.26	\$301.74	\$301.25	\$301.74	\$301.25	\$301.74	\$301.74	\$301.25	\$301.74	\$301.25	\$301.74

SCG Core C&I - Proposed Rates:

Customer Charge Tier 1 \$/day =	\$0.49315		\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315
Customer Charge Tier 2 \$/day =			\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315	\$0.49315
Tier 1 Rate \$/th =	\$0.39647		\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647	\$0.39647
Tier 2 Rate \$/th =	\$0.18791		\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791	\$0.18791
Tier 3 Rate \$/th =	#DIV/0!		\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808	\$0.04808
G-CPC \$/th =	\$0.43200		\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200	\$0.43200
PPPS \$/th =	\$0.06983		\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983	\$0.06983
G-PUC Regulatory fee \$/th =	\$0.00068		\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068	\$0.00068
Effective Average Rate \$/th	\$0.91422	\$0.91422	\$0.91518	\$0.91024	\$0.91518	\$0.91353	\$0.91518	\$0.91353	\$0.91518	\$0.91518	\$0.91353	\$0.91518	\$0.91353	\$0.91518
# days in month =	30	365	31	28	31	30	31	30	31	31	30	31	30	31
Tier Usage Limits (i.e. maximum # of therms charged at each tier):														
Tier 1 usage limit th/mo =	250	3,000	250	250	250	250	250	250	250	250	250	250	250	250
Tier 2 usage limit th/mo =	4,167	50,004	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167	4,167
Tier 3 no limit														
Total th used th/mo =	300	3,600	300	300	300	300	300	300	300	300	300	300	300	300
Tier 1 therms =	250	3,000	250	250	250	250	250	250	250	250	250	250	250	250
therms remaining to be classified	50	600	50	50	50	50	50	50	50	50	50	50	50	50
Tier 2 therms =	50	600	50	50	50	50	50	50	50	50	50	50	50	50
Tier 3 therms =	0	0	0	0	0	0	0	0	0	0	0	0	0	0
therms accounted for	300	3,600	300	300	300	300	300	300	300	300	300	300	300	300
Customer Charge \$/mo =	\$15	\$180	\$15.29	\$13.81	\$15.29	\$14.79	\$15.29	\$14.79	\$15.29	\$15.29	\$14.79	\$15.29	\$14.79	\$15.29
Tier 1 charges \$/mo =	\$99	\$1,189	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12	\$99.12
Tier 2 charges \$/mo =	\$9	\$113	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40	\$9.40
Tier 3 charges \$/mo =	\$0	\$0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Commodity Charge \$/mo =	\$130	\$1,555	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60	\$129.60
PPPS charge \$/mo =	\$21	\$251	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95	\$20.95
G-PUC Regulatory Fee \$/mo =	\$0	\$2	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20
Total Charge \$/mo =	\$274	\$3,291	\$274.55	\$273.07	\$274.55	\$274.06	\$274.55	\$274.06	\$274.55	\$274.55	\$274.06	\$274.55	\$274.06	\$274.55
Increase (decrease) from Current Rates \$/month	(\$27.19)	(\$326.28)												

Table 1: Class Average Rates (\$/therm)						
	2012	2013 TCAP		2013 TCAP		
	Current	Rates w/ Transition Adjustments	% Change	Rates w/ Regulatory Account Forecasts	\$/th Change	% Change
	A	B	C	D	E	F
SCG:						
Res \$/th	\$0.544	\$0.568	4%	\$0.560	\$0.016	3%
Avg Res Bill (38 th) \$/mo	\$38.82	\$39.47	2%	\$39.18	\$0.36	1%
CCI CA \$/th	\$0.299	\$0.243	-19%	\$0.235	(\$0.064)	-21%
Gas A/C \$/th	\$0.067	\$0.074	10%	\$0.068	\$0.001	2%
Gas Engine \$/th	\$0.088	\$0.097	10%	\$0.091	\$0.003	3%
NGV Uncompressed post-SW \$/th	\$0.057	\$0.059	4%	\$0.054	(\$0.002)	-4%
Core Class Average \$/th	\$0.460	\$0.457	-1%	\$0.449	(\$0.011)	-2%
NCCI-D CA \$/th	\$0.068	\$0.053	-22%	\$0.051	(\$0.017)	-25%
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.060	10%	\$0.069	\$0.014	26%
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.027	10%	\$0.026	\$0.002	9%
TLS CA Rate csitma/efba exempt	\$0.017	\$0.012	-29%	\$0.012	(\$0.005)	-27%
TLS CA Rate csitma/efba non-exempt	\$0.018	\$0.013	-28%	\$0.013	(\$0.005)	-26%
UBS \$1,000/yr	\$27,530	\$26,476	-4%	\$26,476	(\$1,055)	-4%
BTS w/BTBA \$/dth/d	\$0.110	\$0.126	15%	\$0.152	\$0.042	38%
SAR w/ BTS \$/th	\$0.206	\$0.199	-3%	\$0.199	(\$0.007)	-4%

Table 1: Class Average Rates (\$/therm)						
	2012	2013 TCAP		2013 TCAP		
	Current	Rates w/ Transition Adjustments	% Change	Rates w/ Regulatory Account Forecasts	\$/th Change	% Change
	A	B	C	D	E	F
SDGE:						
Res \$/th	\$0.592	\$0.649	10%	\$0.670	\$0.078	13%
Avg Res Bill (33 th) \$/mo	\$35.697	\$36.26	2%	\$36.99	\$1.29	4%
CCI CA \$/th	\$0.191	\$0.179	-7%	\$0.193	\$0.001	1%
NGV Uncompressed post-SW \$/th	\$0.058	\$0.060	4%	\$0.058	\$0.000	1%
Core Class Average \$/th	\$0.449	\$0.465	4%	\$0.483	\$0.034	8%
NCCI-D \$/th	\$0.122	\$0.091	-25%	\$0.173	\$0.052	42%
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.061	10%	\$0.070	\$0.015	26%
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.027	10%	\$0.026	\$0.002	9%
TLS CA Rate csitma/efba exempt	\$0.017	\$0.012	-29%	\$0.013	(\$0.005)	-27%
TLS CA Rate csitma/efba non-exempt	\$0.019	\$0.014	-27%	\$0.017	(\$0.002)	-11%
SAR \$/th	\$0.200	\$0.203	2%	\$0.213	\$0.013	7%

Table 15

	2012 Current	2013TCAP No Adjustments	\$/th Change	% Change
SCG:				
Res \$/th	\$0.544	\$0.568	\$0.024	4%
CCI CA \$/th	\$0.299	\$0.242	(\$0.057)	-19%
Gas A/C	\$0.067	\$0.079	\$0.012	18%
Gas Engine	\$0.088	\$0.122	\$0.033	37%
NGV Uncompressed post-SW \$/th	\$0.057	\$0.059	\$0.002	4%
Core Class Average \$/th	\$0.460	\$0.457	(\$0.003)	-1%
NCCI-D CA \$/th	\$0.068	\$0.053	(\$0.015)	-22%
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.099	\$0.045	81%
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.033	\$0.009	36%
TLS CA Rate csitma/efba exempt	\$0.017	\$0.011	(\$0.006)	-36%
TLS CA Rate csitma/efba non-exempt	\$0.018	\$0.012	(\$0.006)	-34%
UBS \$1,000/yr	\$27,530	\$26,476	(\$1,055)	-4%
BTS w/BTBA \$/dth/d	\$0.110	\$0.126	\$0.016	15%
SAR w/ BTS \$/th	\$0.206	\$0.199	(\$0.007)	-4%
SDGE:				
Res \$/th	\$0.592	\$0.675	\$0.082	14%
CCI CA \$/th	\$0.191	\$0.135	(\$0.056)	-29%
NGV Uncompressed post-SW \$/th	\$0.058	\$0.060	\$0.002	4%
Core Class Average \$/th	\$0.449	\$0.465	\$0.016	4%
NCCI-D \$/th	\$0.122	\$0.091	(\$0.030)	-25%
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.100	\$0.045	81%
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.033	\$0.009	36%
TLS CA Rate csitma/efba exempt	\$0.017	\$0.011	(\$0.006)	-36%
TLS CA Rate csitma/efba non-exempt	\$0.019	\$0.013	(\$0.006)	-33%
SAR \$/th	\$0.200	\$0.203	\$0.004	2%

Table 16

	2012 Current	2013TCAP No Adj	Transition Adjustment \$000	2013TCAP w/ Adjustment	\$/th Change	% Change
SCG:						
Res \$/th	\$0.544	\$0.568	4%	\$0	\$0.568	\$0.024 4%
CCI CA \$/th	\$0.299	\$0.242	-19%	\$1,263	\$0.243	(\$0.056) -19%
Gas A/C	\$0.067	\$0.079	18%	(\$3)	\$0.074	\$0.007 10%
Gas Engine	\$0.088	\$0.122	37%	(\$1,260)	\$0.097	\$0.009 10%
NGV Uncompressed post-SW \$/th	\$0.057	\$0.059	4%	\$0	\$0.059	\$0.002 4%
Core Class Average \$/th	\$0.460	\$0.457	-1%	\$0	\$0.457	(\$0.003) -1%
NCCI-D CA \$/th	\$0.068	\$0.053	-22%	\$0	\$0.053	(\$0.015) -22%
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.099	81%	(\$1,725)	\$0.060	\$0.006 10%
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.033	36%	(\$900)	\$0.027	\$0.002 10%
TLS CA Rate csitma/efba exempt	\$0.017	\$0.011	-36%	\$2,625	\$0.012	(\$0.005) -29%
TLS CA Rate csitma/efba non-exempt	\$0.018	\$0.012	-34%		\$0.013	(\$0.005) -28%
UBS \$1,000/yr	\$27,530	\$26,476	-4%		\$26,476	(\$1,054.645) -4%
BTS w/BTBA \$/dth/d	\$0.110	\$0.126	15%		\$0.126	\$0.016 15%
SAR w/ BTS \$/th	\$0.206	\$0.199	-4%	\$0	\$0.199	(\$0.007) -3%
SDGE:						
Res \$/th	\$0.592	\$0.675	14%	(\$8,000)	\$0.649	\$0.057 10%
CCI CA \$/th	\$0.191	\$0.135	-29%	\$8,000	\$0.179	(\$0.013) -7%
NGV Uncompressed post-SW \$/th	\$0.058	\$0.060	4%	\$0	\$0.060	\$0.002 4%
Core Class Average \$/th	\$0.449	\$0.465	4%	\$0	\$0.465	\$0.016 4%
NCCI-D \$/th	\$0.122	\$0.091	-25%	\$0	\$0.091	(\$0.030) -25%
EG-D Tier 1 post-SW \$/th	\$0.055	\$0.100	81%	(\$300)	\$0.061	\$0.006 10%
EG-D Tier 2 post-SW \$/th	\$0.024	\$0.033	36%	(\$800)	\$0.027	\$0.002 10%
TLS CA Rate csitma/efba exempt	\$0.017	\$0.011	-36%	\$1,100	\$0.012	(\$0.005) -29%
TLS CA Rate csitma/efba non-exempt	\$0.019	\$0.013	-33%		\$0.014	(\$0.005) -27%
SAR \$/th	\$0.200	\$0.203	2%	\$0	\$0.203	\$0.003 2%

Appendix

	2012	2013TCAP		Proposed			2014	% Change	2015	% Change	2016	% Change	2017	% Change	2018	% Change	2019	% Change
	Current	Rates No Adj \$/th	% Change from 2011	Adj \$000	2013TCAP rates w/ Adj \$/th	% Change from 2011	Rate \$/th	from prior year	Rate \$/th	from prior year	rate \$/th	from prior year	Rate \$/th	from prior year	Rate \$/th	from prior year	rate \$/th	from prior year
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
SCG:																		
1 Res \$/th	\$0.544	\$0.568	4%	\$0	\$0.568	4%	\$0.568	0%	\$0.568	0%	\$0.568	0%	\$0.568	0%	\$0.568	0%	\$0.568	0%
2 CCI CA \$/th	\$0.299	\$0.242	-19%	\$1,263	\$0.243	-19%	\$0.243	0%	\$0.243	0%	\$0.242	0%	\$0.242	0%	\$0.242	0%	\$0.242	0%
3 Gas A/C	\$0.067	\$0.079	18%	(\$3)	\$0.074	10%	\$0.079	8%	\$0.079	0%	\$0.079	0%	\$0.079	0%	\$0.079	0%	\$0.079	0%
4 Gas Engine	\$0.088	\$0.122	37%	(\$1,260)	\$0.097	10%	\$0.107	10%	\$0.117	10%	\$0.122	4%	\$0.122	0%	\$0.122	0%	\$0.122	0%
5 NGV Uncompressed post-SW \$/th	\$0.057	\$0.059	4%	\$0	\$0.059	4%	\$0.059	0%	\$0.059	0%	\$0.059	0%	\$0.059	0%	\$0.059	0%	\$0.059	0%
6 Core Class Average \$/th	\$0.460	\$0.457	-1%	\$0	\$0.457	-1%	\$0.457	0%	\$0.457	0%	\$0.457	0%	\$0.457	0%	\$0.457	0%	\$0.457	0%
7																		
8 NCCI-D CA \$/th	\$0.068	\$0.053	-22%	\$0	\$0.053	-22%	\$0.053	0%	\$0.053	0%	\$0.053	0%	\$0.053	0%	\$0.053	0%	\$0.053	0%
9 EG-D Tier 1 post-SW \$/th	\$0.055	\$0.099	81%	(\$1,725)	\$0.060	10%	\$0.066	10%	\$0.073	10%	\$0.080	10%	\$0.088	10%	\$0.097	10%	\$0.099	2%
10 EG-D Tier 2 post-SW \$/th	\$0.024	\$0.033	36%	(\$900)	\$0.027	10%	\$0.029	8%	\$0.031	7%	\$0.033	7%	\$0.033	0%	\$0.033	0%	\$0.033	0%
11 TLS CA Rate csitma/efba exempt	\$0.017	\$0.011	-36%	\$2,625	\$0.012	-29%	\$0.012	-2%	\$0.012	-2%	\$0.011	-2%	\$0.011	-1%	\$0.011	-1%	\$0.011	0%
12 TLS CA Rate csitma/efba non-exempt	\$0.018	\$0.012	-34%	\$0	\$0.013	-28%	\$0.013	-2%	\$0.012	-2%	\$0.012	-2%	\$0.012	-1%	\$0.012	-1%	\$0.012	0%
13 UBS \$1,000/yr	\$27,530	\$26,476	-4%	\$0	\$26,476	-4%	\$26,476	0%	\$26,476	0%	\$26,476	0%	\$26,476	0%	\$26,476	0%	\$26,476	0%
14 BTS w/BTBA \$/dth/d	\$0.110	\$0.126	15%	\$0	\$0.126	15%	\$0.126	0%	\$0.126	0%	\$0.126	0%	\$0.126	0%	\$0.126	0%	\$0.126	0%
15 SAR w/ BTS \$/th	\$0.206	\$0.199	-4%	\$0	\$0.199	-3%	\$0.199	0%	\$0.199	0%	\$0.199	0%	\$0.199	0%	\$0.199	0%	\$0.199	0%
16																		
SDGE:																		
18 Res \$/th	\$0.592	\$0.675	14%	(\$8,000)	\$0.649	10%	\$0.675	4%	\$0.675	0%	\$0.675	0%	\$0.675	0%	\$0.675	0%	\$0.675	0%
19 CCI CA \$/th	\$0.191	\$0.135	-29%	\$8,000	\$0.179	-7%	\$0.135	-24%	\$0.135	0%	\$0.135	0%	\$0.135	0%	\$0.135	0%	\$0.135	0%
20 NGV Uncompressed post-SW \$/th	\$0.058	\$0.060	4%	\$0	\$0.060	4%	\$0.060	0%	\$0.060	0%	\$0.060	0%	\$0.060	0%	\$0.060	0%	\$0.060	0%
21 Core Class Average \$/th	\$0.449	\$0.465	4%	\$0	\$0.465	4%	\$0.465	0%	\$0.465	0%	\$0.465	0%	\$0.465	0%	\$0.465	0%	\$0.465	0%
22																		
23 NCCI-D \$/th	\$0.122	\$0.091	-25%	\$0	\$0.091	-25%	\$0.091	0%	\$0.091	0%	\$0.091	0%	\$0.091	0%	\$0.091	0%	\$0.091	0%
24 EG-D Tier 1 post-SW \$/th	\$0.055	\$0.100	81%	(\$300)	\$0.061	10%	\$0.067	10%	\$0.073	10%	\$0.080	10%	\$0.089	10%	\$0.098	10%	\$0.100	2%
25 EG-D Tier 2 post-SW \$/th	\$0.024	\$0.033	36%	(\$800)	\$0.027	10%	\$0.029	8%	\$0.031	7%	\$0.033	7%	\$0.033	0%	\$0.033	0%	\$0.033	0%
26 TLS CA Rate csitma/efba exempt	\$0.017	\$0.011	-36%	\$1,100	\$0.012	-29%	\$0.012	-2%	\$0.012	-2%	\$0.011	-2%	\$0.011	-1%	\$0.011	-1%	\$0.011	0%
27 TLS CA Rate csitma/efba non-exempt	\$0.019	\$0.013	-33%	\$0	\$0.014	-27%	\$0.013	-2%	\$0.013	-2%	\$0.013	-2%	\$0.013	-1%	\$0.013	-1%	\$0.013	0%
28 SAR \$/th	\$0.200	\$0.203	2%	\$0	\$0.203	2%	\$0.203	0%	\$0.203	0%	\$0.203	0%	\$0.203	0%	\$0.203	0%	\$0.203	0%

Notes:

- Large Column C Increases Due Primarily to:
 - Gas A/C: Demand Forecast and Reg Acct Balances
 - Gas Engine: Undo S/A
 - SW NGV: Update Marginal Costs, Demand Forecast, Reg Acct Balances
 - SW EG-D Tier 1 and Tier 2: Undo S/A, Demand Forecast, Reg Acct Balances
 - Res (SDG&E): Undo S/A, Update Marginal Costs, Demand Forecast, Finish Core Deaveraging
 - NCCI-D (SDG&E): Reg Acct Balances
- SDG&E NGV rate increase higher than SCG due to 0.5 cent CSITMA adder
- SDG&E 2013 res increase matched to SoCalGas
- Assuming no NFCA Change
 - NCCI-D - 11.7 cents or -19%
 - EG-D Tier 1 - 10.8 cents or 91%
 - EG-D Tier 2 - 3.3 cents or 36%

SoCalGas - Transfer Data required to RUN Rate Design model
 2013TCAP SCG RD Model - 2/22/2013 Update Filing

Copy Values	Copy To (paste values)			Data From	Data To
	Copy From				
EOR-T Revenue	\$0	\$866	\$866	SCG RD Model / Trans Rate	SCG RD Model/ EOR
Post SW Average EG-D SCG Rate w/FFU \$/th	\$0.00000	\$0.03223	\$0.03223	EG-D Rates	SCG RD Model/ EOR
Base Line Rate \$/th= blr based on DIFFERENCE CAP	\$0.00000	\$0.34855	\$0.34855	Res Rate	Res Rate
Base Line Rate \$/th= blr based on RATIO	\$0.00000	\$0.32543	\$0.32543	Res Rate	Res Rate

Data to SDGE RD Model	Model / Source
Allocated Local T under SI w/FFU \$000 Res	\$2,361 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 NGV	\$48 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 Core C&I	\$947 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 Total Core	\$3,356 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 NCCI	\$191 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 EG Tier 1	\$105 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 EG Tier 2	\$2,720 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 Total EG	\$2,825 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 Total NonCore	\$3,016 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000 System Total	\$6,372 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 Res	\$4,910 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 NGV	\$167 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 Core C&I	\$2,749 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 Total Core	\$7,826 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 NCCI	\$701 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 EG Tier 1	\$578 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 EG Tier 2	\$9,020 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 Total EG	\$9,599 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 Total NonCore	\$10,300 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000 System Total	\$18,126 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
TLS Revenue NCCI-T EFBA Exempt \$000	\$188 SCG RD Model/Local T Rate copy to Rate Tables
TLS Revenue EG-Tier T EFBA Exempt \$000	\$266 SCG RD Model/Local T Rate copy to Rate Tables
TLS Revenue EG-Tier 2-T EFBA Exempt \$000	\$6,838 SCG RD Model/Local T Rate copy to Rate Tables
TLS Class Average Rate NCCI T	\$0.01250 SCG RD Model/Local T Rate copy to Rate Tables
TLS Class Average Rate EG T	\$0.01250 SCG RD Model/Local T Rate copy to Rate Tables
Pre-SW TLS NCCI	\$574 SCG RD Model/Local T Rate copy to Rate Tables
Post SW TLS NCCI	\$188 SCG RD Model/Local T Rate copy to Rate Tables
Pre-SW TLS EG	\$18,498 SCG RD Model/Local T Rate copy to Rate Tables
Post SW TLS EG	\$7,105 SCG RD Model/Local T Rate copy to Rate Tables
EFBA adder	\$0.00000 SCG RD Model/Local T Rate copy to Rate Tables
TLS Revenue NCCI-T \$000	\$188 SCG RD Model/Local T Rate copy to Rate Tables
TLS Revenue EG-Tier 1-T \$000	\$266 SCG RD Model/Local T Rate copy to Rate Tables
TLS Revenue EG-Tier 2-T \$000	\$6,838 SCG RD Model/Local T Rate copy to Rate Tables
TLS Volumes NCCI-T Mth/yr	15,070 SCG RD Model/Local T Rate copy to Rate Tables
TLS Volumes EG-Tier1-T Mth/yr	21,305 SCG RD Model/Local T Rate copy to Rate Tables
TLS Volumes EG-Tier2-T Mth/yr	547,042 SCG RD Model/Local T Rate copy to Rate Tables
TLS SFV Mcapacity Reserved Mth/day	n/a SCG RD Model/Local T Rate copy to Rate Tables
TLS SFV Volumes Mth/year	n/a SCG RD Model/Local T Rate copy to Rate Tables
TLS ST VOL Volumes Mth/year	n/a SCG RD Model/Local T Rate copy to Rate Tables
TLS LT VOL Volumes Mth/year	n/a SCG RD Model/Local T Rate copy to Rate Tables
Est FAR Revenue from SDGE Res	\$5,509 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Est FAR Revenue from SDGE NGV	\$188 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Est FAR Revenue from SDGE CCI	\$3,085 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Est FAR Revenue from SDGE NCCI	\$787 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Est FAR Revenue from SDGE EG Tier 1	\$649 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Est FAR Revenue from SDGE EG Tier 2	\$10,122 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
Est FAR Revenue from SDGE Customers	\$20,340 SCG RD Model/Local & BBT Costs copy to COST ALLOC tab
SCG Transport Only Costs Allocated to SDGE Core & Dist \$000	\$2,796 SCG RD Model/SDGE Detail Alloc & WS Rate Copy to Cost Alloc
SCG Core Seasonal Storage	\$5,814 SCG RD Model/SDGE Detail Alloc & WS Rate copy to COST ALLOC tab
SCG Load Balancing Allocated to ALL SDGE \$000	\$1,357 SCG RD Model/Cost Alloc copy to COST ALLOC tab
SCG Core Seasonal Storage HRSMA	\$0 SCG RD Model/Storage Rates copy to COST ALLOC tab
SCG Load Balancing Allocated to ALL SDGE \$000 HRSMA	\$0 SCG RD Model/Storage Rates copy to COST ALLOC tab
SFV Base Margin Items = Reservation Charge \$/dth/day	\$0.00550 SCG RD Model / Trans Rate Copy to Rates Tables
ST Volumetric Base Margin Items \$/th	\$0.00773 SCG RD Model / Trans Rate Copy to Rates Tables
TLS LT VOL Rate \$/th	\$0.00773 SCG RD Model/TLS Rate copy to Rate Tables
TLS CA Usage Fee (non base margin items) \$/th	\$0.00482 SCG RD Model / Trans Rate Copy to Rates Tables
TLS RS Usage Fee \$/th	\$0.00533 SCG RD Model / Trans Rate Copy to Rates Tables
120% Class Average Volumetric Rate \$/th	\$0.01506
200% Class Average Volumetric Rate \$/th	\$0.01694
EG Tier 1-D SW Volumetric Rate w/FFU \$/th Post-SW	\$0.06954 SCG RD model/EG-D Rates
EG Tier 2-D SW Volumetric w/FFU Rate \$/th Post-SW	\$0.02648 SCG RD model/EG-D Rates
EG Tier 1 (NoTLS) SW Volumetric Rate w/FFU \$/th Post-SW	n/a SCG RD model/EG Rates NoTLS
EG Tier 2 (NoTLS) SW Volumetric w/FFU Rate \$/th Post-SW	n/a SCG RD model/EG Rates NoTLS
SW Volumetric Rate w/FFU \$/th UnCompressed	\$0.05402 SCG RD model/NGV Rates
SW Volumetric Rate w/FFU \$/th Compressed	\$0.95858 SCG RD model/NGV Rates
SDGE ITBA Balance Post SI	\$0 SCG RD model/Misc Inputs
Unbundled BBT amount w/FFU	\$18,126 SCG RD model/Misc Inputs
BBT %	SCG RD model/Misc Inputs
Local %	SCG RD model/Misc Inputs
BTS Rate SFV \$/dth/day	\$0.15230 SCG Rate Tables
Current BTS Rate SFV \$/dth/day	\$0.11042

Data From SDGE RD Model		Model / Source
SDGE AYTP mth/yr Res	307,841	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Core C&I	182,595	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr NR A/C	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Gas Eng	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr NGV	11,606	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total Core	502,042	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Non Core C&I	48,633	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr EG Tier 1	40,128	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr EG Tier 2	625,692	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr EOR	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total Retail Non Core	714,453	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Long Beach	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr SDG&E	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Sout West Gas	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Vernon	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total Whole sale	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr DGN	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr TBS	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total Non Core	714,453	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total System \$000	1,216,495	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Res	340,566	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Core C&I	190,700	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr NR A/C	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Gas Eng	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr NGV	11,606	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total Core	542,872	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Non Core C&I	48,633	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr EG Tier 1	40,128	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr EG Tier 2	625,692	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr EOR	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total Retail Non Core	714,453	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Long Beach	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr SDG&E	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Sout West Gas	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Vernon	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total Whole sale	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr DGN	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr TBS	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total Non Core	714,453	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total System \$000	1,257,325	SDGE RD Model/ Alloc Factors
SDGE's Core AYTP Mth/yr	502,042	SDGE RD Model/ Alloc Factors
NCCI-Distribution AYTP mth/yr	33,562	SDGE RD Model/ Alloc Factors
EG-Tier 1 Distribution AYTP mth/yr	18,823	SDGE RD Model/ Alloc Factors
EG-Tier 2 Distribution AYTP mth/yr	78,650	SDGE RD Model/ Alloc Factors
SDGE's Core # customers	880,799	SDGE RD Model/ Alloc Factors
NCCI-Distribution # customers	54	SDGE RD Model/ Alloc Factors
EG-Tier 1 Distribution # customers	40	SDGE RD Model/ Alloc Factors
EG-Tier 2 Distribution # customers	6	SDGE RD Model/ Alloc Factors
NCCI-Transmission AYTP mth/yr	15,070	SDGE RD Model/ Alloc Factors
EG-Tier 1 Transmission AYTP mth/yr	21,305	SDGE RD Model/ Alloc Factors
EG-Tier 2 Transmission AYTP mth/yr	547,042	SDGE RD Model/ Alloc Factors
NCCI-Transmission # customers	9	SDGE RD Model/ Alloc Factors
EG-Tier 1 Transmission # customers	12	SDGE RD Model/ Alloc Factors
EG-Tier 2 Transmission # customers	8	SDGE RD Model/ Alloc Factors
Transmission Costs w/FFU \$000	\$31,473	SDGE RD Model/Cost Alloc
Compressor Volumes mth/yr	163	SDGE RD Model / NGV Rates
SDGE - NCCI-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use	\$124	SDGE RD Model / Detail Alloc
SDGE - NCCI-T Local Transmission Costs	\$59	SDGE RD Model / Detail Alloc
SDGE - NCCI-T HPD Costs	\$0	SDGE RD Model / Detail Alloc
SDGE - NCCI-T MPD Costs	\$0	SDGE RD Model / Detail Alloc
SDGE - NCCI-T Other Operating Costs and Revenues	\$110	SDGE RD Model / Detail Alloc
SDGE - NCCI-T Regulatory Accounts	\$405	SDGE RD Model / Detail Alloc
SDGE - NCCI-T ITBA Base Margin	(\$8)	SDGE RD Model / Detail Alloc
SDGE - EG-T ITBA Base Margin	(\$302)	SDGE RD Model / Detail Alloc
SDGE - NCCI-T Transport Rev Req w/o BBT, w/ FFU & EOR Cr \$000/yr	\$638	SDGE RD Model / Detail Alloc
SDGE - EG-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use	\$3,673	SDGE RD Model / Detail Alloc
SDGE - EG-T Local Transmission Costs	\$2,442	SDGE RD Model / Detail Alloc
SDGE - EG-T HPD Costs	\$0	SDGE RD Model / Detail Alloc
SDGE - EG-T MPD Costs	\$0	SDGE RD Model / Detail Alloc
SDGE - EG-T Other Operating Costs and Revenues	\$4,138	SDGE RD Model / Detail Alloc
SDGE - EG-T Regulatory Accounts	\$10,687	SDGE RD Model / Detail Alloc
SDGE CYPM mth/mo Res	50,967	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Core C&I	20,446	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo NR A/C	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Gas Eng	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo NGV	1,027	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Total Core	72,440	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Non Core C&I	4,123	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo EG Tier 1	2,267	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo EG Tier 2	58,719	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo EOR	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Total Retail Non Core	65,110	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Long Beach	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo SDG&E	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Sout West Gas	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Vernon	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Total Whole sale	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo DGN	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo TBS	0	SDGE RD Model / Alloc Factors

SDGE CYPM mth/mo Total Non Core	65,110	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Total System \$000	137,550	SDGE RD Model / Alloc Factors
SDGE NonCore Embedded Customer Related Costs \$000	\$883	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Medium Pressure Distribution Costs \$000	\$1,556	SDGE RD Model/Cost Alloc
SDGE Non Core Embedded High Pressure Distribution Costs \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Transmission Costs \$000	\$17,884	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Storage - Seasonal \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Storage - Load Balancing \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Storage - TBS \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Non-DSM Marketing Related Costs \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Credit (EOR Revenues - EOR UAF) * 95% \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Less Allocated Transmission Cost \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Plus Allocated Local T under SI \$000	#REF!	SDGE RD Model/Cost Alloc
Total Margin Allocation w/o SI, FAR, Fuel Use, FF&U	\$261,726	SDGE RD Model/Cost Alloc
Other Op	\$6,530	SDGE RD Model/Cost Alloc
SCG Storage Charges	\$7,337	SDGE RD Model/Cost Alloc
Reg Accounts	\$17,107	SDGE RD Model/Cost Alloc
Less EC Transmission	(\$31,473)	SDGE RD Model/Cost Alloc
Plus Local-T	#REF!	SDGE RD Model/Cost Alloc
plus FAR revenue	\$20,340	SDGE RD Model/Cost Alloc
less local-T noncore trans cust costs	(\$19,136)	SDGE RD Model/Revenue Check
plus Reg Gap Revenue	\$7,357	SDGE RD Model/Revenue Check
plus new SCG Transport (i.e.RegGap SDGE C&D)	\$2,860	SDGE RD Model/Cost Alloc
SW Adjustments	\$282	SDGE RD Model/Revenue Check
EG Tier 1-D Pre-SW Total revenue \$000/yr	\$1,495	SDGE RD Model/EG-D Rates
EG Tier 1-D AYTP Mth/yr	18,823	SDGE RD Model/EG-D Rates
EG Tier 1-D Customer Charge Revenue \$000	\$24	SDGE RD Model/EG-D Rates
EG Tier 2-D Pre-SW Total revenue \$000/yr	\$1,576	SDGE RD Model/EG-D Rates
EG Tier 2-D AYTP Mth/yr	78,650	SDGE RD Model/EG-D Rates
EG Tier 2-D Customer Charge Revenue \$000	\$0	SDGE RD Model/EG-D Rates
EG Tier 1 Pre-SW Total revenue NoTLS \$000/yr	n/a	SDGE RD Model/EG Rates NoTLS
EG Tier 1 Customer Charge Revenue \$000	n/a	SDGE RD Model/EG Rates NoTLS
EG Tier 2 Pre-SW Total revenue NoTLS \$000/yr	n/a	SDGE RD Model/EG Rates NoTLS
EG Tier 1 NoTLS AYTP Mth/yr	40,128	SDGE RD Model/Alloc Factors
EG Tier 2 NoTLS AYTP Mth/yr	625,692	SDGE RD Model/Alloc Factors
Final Rev Req \$000	\$258,961	SDGE RD Model/Rate Tables
Pre-SW NGV Transportation Volumetric Revenue	\$665	SDGE RD Model / NGV Rates
Pre-SW NGV Customer Charge Revenue	\$11	SDGE RD Model / NGV Rates
NGV Transportation volumes mth/yr	11,606	SDGE RD Model / NGV Rates
NGV Post SW Customer Charge Revenue:	\$11	SDGE RD Model / NGV Rates
Pre SW NGV Compressor Revenue \$000	\$181	SDGE RD Model / NGV Rates
NGV Compressor Volumes Mth/yr	163	SDGE RD Model / NGV Rates
SDGE NCCI-T Direct Peak Day Demand Mth/day	41	SDGE RD Model / Alloc Factors
SDGE EG-T Direct Peak Day Demand Mth/day	1,726	SDGE RD Model / Alloc Factors
SDGE Core Cumulative Transmission Peak Day Mth/day	3,718	SDGE RD/Alloc Factors
SDGE Noncore Cumulative HP Distribution Peak Day Mth/day	359	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast AYTP Mth/yr	633,077	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast CYTP Mth/yr	673,907	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast # Customers	880,899	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast CYPM Mth/mo	83,557	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast AYTP Mth/yr	15,070	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast CYTP Mth/yr	15,070	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast # Customers	9	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast CYPM Mth/mo	1,278	SDGE RD/Alloc Factors
SDGE EG-T Forecast AYTP Mth/yr	568,347	SDGE RD/Alloc Factors
SDGE EG-T Forecast CYTP Mth/yr	568,347	SDGE RD/Alloc Factors
SDGE EG-T Forecast # Customers	20	SDGE RD/Alloc Factors
SDGE EG-T Forecast CYPM Mth/mo	52,716	SDGE RD/Alloc Factors
SDGE Local-T Costs Res	\$0	SDGE RD Model/Cost Alloc
SDGE Local-T Costs CCI	\$0	SDGE RD Model/Cost Alloc
SDGE Local-T Costs NGV	\$0	SDGE RD Model/Cost Alloc
SDGE Local-T Costs NCCI	\$0	SDGE RD Model/Cost Alloc
SDGE Local-T Costs EG Tier 1	\$0	SDGE RD Model/Cost Alloc
SDGE Local-T Costs EG Tier2	\$0	SDGE RD Model/Cost Alloc
SDGE BBT Costs Res	\$8,525	SDGE RD Model/Cost Alloc
SDGE BBT Costs CCI	\$4,774	SDGE RD Model/Cost Alloc
SDGE BBT Costs NGV	\$291	SDGE RD Model/Cost Alloc
SDGE BBT Costs NCCI	\$1,217	SDGE RD Model/Cost Alloc
SDGE BBT Costs EG Tier 1	\$1,004	SDGE RD Model/Cost Alloc
SDGE BBT Costs EG Tier2	\$15,662	SDGE RD Model/Cost Alloc
SDGE CoUse Transmission Costs	\$0	SDGE RD Model/Misc Inputs
SDGE Forecast AYTP Mth/yr Core	502,042	SDGE RD/Alloc Factors
SDGE Forecast AYTP Mth/yr NCCI-D	33,562	SDGE RD/Alloc Factors
SDGE Forecast AYTP Mth/yr EG-D	97,473	SDGE RD/Alloc Factors
SDGE Forecast CYTP Mth/yr Core	542,872	SDGE RD/Alloc Factors
SDGE Forecast CYTP Mth/yr NCCI-D	33,562	SDGE RD/Alloc Factors
SDGE Forecast CYTP Mth/yr EG-D	97,473	SDGE RD/Alloc Factors
SDGE Forecast # Customers Core	880,799	SDGE RD/Alloc Factors
SDGE Forecast # Customers NCCI-D	54	SDGE RD/Alloc Factors
SDGE Forecast # Customers EG-D	46	SDGE RD/Alloc Factors
SDGE Forecast CYPM Mth/yr Core	72,440	SDGE RD/Alloc Factors
SDGE Forecast CYPM Mth/yr NCCI-D	2,845	SDGE RD/Alloc Factors
SDGE Forecast CYPM Mth/yr EG-D	8,271	SDGE RD/Alloc Factors
SDGE FFU Rate	102.31%	SDGE RD/Cost Alloc
FFU Rate Gross-to-Net Ratio	97.74%	SDGE RD/Misc Inputs
SDGE Mbtu/mcf	1,020	SDGE RD/Misc Inputs
Authorized Base Margin in 2008GRC (excl misc revenue) \$000	\$235,125	SDGE RD/Revenue Check
Current Authorized Base Margin	\$261,726	SDGE RD/Revenue Check
Net System Integration	(\$25,101)	SDGE RD/Revenue Check
Other Operate Costs	\$16,727	SDGE RD/Revenue Check
Regulatory Accounts	\$17,107	SDGE RD/Revenue Check
SW NGV Adjustment	(\$63)	SDGE RD/Revenue Check
SW EG Adjustment	\$345	SDGE RD/Revenue Check
SW NGV & EG Adjustment	\$282	SDGE RD/Revenue Check
NET TLS Adjustment	(\$11,779)	SDGE RD/Revenue Check
Revenue Requirement w/oFAR	\$258,961	SDGE RD/Revenue Check
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/FFU	\$236,625	SDGE RD/Revenue Check
CSITMA allocated to SDGE's NCCI-T customers \$000	\$63	SDGE RD/Revenue Check
CSITMA allocated to SDGE's EG-T customers \$000	\$0	SDGE RD/Revenue Check
EFBA EG-D Tier 1	\$0	SDGE RD/Revenue Check
EFBA EG-D Tier 2	\$0	SDGE RD/Revenue Check
EFBA EG-T	\$0	SDGE RD/Revenue Check
EFBA NCCI-T	\$0	SDGE RD/Revenue Check
EFBA EG-T nonexempt volumes	97,263	SDGE RD/Revenue Check
EFBA NCCI-T nonexempt volumes	15,070	SDGE RD/Revenue Check

SOUTHERN CALIFORNIA GAS COMPANY
2013 TCAP

2/22/2013 Update Filing

Section 2

NGV Compression Rate Adder Model

**Workpapers to the Prepared Written Testimony of
Jason Bonnett**

SCG 2013TCAP
 NGV Compression Adder Revenue Requirement
 v2-22-2013 Update Filing

NGV Station Costs \$000's	Total Public & Private Access		Public Access Station		Data Source
	\$000's/yr	\$/th	\$000's/yr	\$/th	
NGV Station Rate Base	\$2,047	\$1.21	\$545	\$0.44	Return tab
Rate of Return %	8.68%		8.68%		Return tab
Return on Ratebase	\$178	\$0.11	\$47	\$0.04	
Income Taxes	\$46	\$0.03	\$12	\$0.01	Return Tab
Ad Valorem Taxes	\$30	\$0.02	\$8	\$0.01	Return Tab
Depreciation Expense	\$409	\$0.24	\$118	\$0.10	Plant Accounting
Capital Related Revenue Requirement	\$662	\$0.39	\$185	\$0.15	
NGV Station Throughput in CCF	1,651,479		1,204,547		
O&M Expense \$/ccf =	\$0.667	\$1,102	\$804	\$0.65	NGV Dept
Electricity Expense \$/ccf =	\$0.134	\$222	\$162	\$0.13	NGV Dept
Customer Related O&M	\$1,323	\$0.78	\$965	\$0.78	
NGV Station Revenue Requirement	\$1,985	\$1.17	\$1,150	\$0.93	
Total NGV Station Throughput in CCF	1,651,479		1,204,547		NGV Dept
Compression Throughput Mth/year	1,0235		1,0235		Demand Forecast testimony Mr.Wetzel
Compression Rate \$/therm	\$1.17	1,690	\$0.93	1,233	
Sempra Wide Compressor Adder \$/therm			\$0.95311		SCG RD model/Rate tables

Notes:

- 1) Total Public & Private Access is the total of all NGV compressor stations, public & private.
- 2) Public Access Station Costs is based only on the incremental capital needed to make an other wise private station available to the public.

SCG 2013TCAP

Calculation of Capital Related costs

v2-22-2013 Update Filing

Calculation of NGV Station Capital related Costs \$000's	Total Public & Private Access \$000's/yr	Public Access Station \$000's/yr	Data Source
NBV of NGV Stations \$000	\$3,929	\$1,046	12/31/2010 per Plant Accounting Dept & NGV Group
Total NBV of Utility Gas Plant in Service \$000	<u>\$5,489,329</u>	<u>\$5,489,329</u>	12/31/2010 per Plant Accounting Dept
NBV Ratio	0.07%	0.02%	
Total Utility Rate Base \$000	<u>\$ 2,860,046</u>	<u>\$ 2,860,046</u>	12/31/2010 per Plant Accounting Dept.
NBV Ratio	0.07%	0.02%	
NGV Station Ratebase \$000	<u>\$2,047</u>	<u>\$545</u>	
Total Utility Income & CNG Fuel taxes \$000	<u>\$63,745</u>	<u>\$63,745</u>	FERC Form 2 p.263a
NBV Ratio	0.07%	0.02%	
NGV Station Income & CNG Fuel taxes \$000	<u>\$46</u>	<u>\$12</u>	
Total Utility AdValorem taxes \$000	<u>\$41,477</u>	<u>\$41,477</u>	FERC Form 2 p.263a
NBV Ratio	0.07%	0.02%	
NGV Station Income & CNG Fuel taxes \$000	<u>\$30</u>	<u>\$8</u>	

Calculation of Authorized ROR% and Total Return on Ratebase:

	Capital Ratio	Rate	ROR%	Data Source
Long-Term Debt	45.61%	6.96%	3.17%	2008 GRC
Preferred Stock	6.39%	4.83%	0.31%	2008 GRC
Common Equity	48.00%	10.82%	5.19%	2008 GRC
Total ROR%	100%		8.68%	



SOUTHERN CALIFORNIA GAS COMPANY
2010 Utility Gas Plant in Service
By FERC Account for FERC Form 2
(Thousands of Dollars)



ACCOUNT	ACCT NO.	INVESTMENT	ACCUM DEP	NET BOOK VALUE
Intangible				
	301	\$76	\$0	\$76
	302	\$551	\$0	\$551
Total Intangible		\$627	\$0	\$627
Gas Production				
	325	\$15	\$0	\$15
	330	\$5,461	\$0	\$5,461
	331	\$455	\$0	\$455
	332	\$1,731	\$0	\$1,731
	334	\$520	\$0	\$520
	336	\$477	\$0	\$477
Total Gas Prod		\$8,660	\$0	\$8,660
Underground Storage				
	117.1	\$55,520	\$0	\$55,520
	350	\$4,565	\$0	\$4,565
	351	\$36,234	(\$18,933)	\$17,301
	352	\$231,014	(\$146,037)	\$84,976
	353	\$86,322	(\$92,376)	(\$6,054)
	354	\$114,403	(\$65,882)	\$48,521
	355	\$5,808	(\$1,459)	\$4,349
	356	\$107,896	(\$60,021)	\$47,876
	357	\$22,960	(\$4,440)	\$18,520
	358	\$36,753	\$33,164	\$69,917
Montebello *				\$0
Total Underground Storage		\$701,475	(\$355,985)	\$345,491
Transmission				
	365	\$23,400	(\$13,752)	\$9,648
	366	\$33,381	(\$20,538)	\$12,844
	367	\$1,084,727	(\$515,817)	\$568,910
	368	\$176,818	(\$99,588)	\$77,229
	369	\$47,406	(\$25,018)	\$22,388
	371	\$4,049	(\$2,303)	\$1,746
	372	\$15,313	\$88,867	\$104,180
Total Transmission		\$1,385,093	(\$588,149)	\$796,944
Distribution				
	374	\$30,901	(\$12)	\$30,889
	375	\$217,642	(\$56,625)	\$161,017
	376	\$2,987,550	(\$1,739,311)	\$1,248,239
	378	\$67,293	(\$48,255)	\$19,038
	380	\$2,041,428	(\$1,657,674)	\$383,753
	381	\$422,895	(\$117,789)	\$305,105
	382	\$267,750	(\$149,566)	\$118,184
	383	\$116,818	(\$48,605)	\$68,213
	387 ***	\$25,249	(\$19,643)	\$5,606
	388	\$295,720	\$1,363,753	\$1,659,473
Total Distribution		\$6,473,245	(\$2,473,728)	\$3,999,518
General Plant				
	389	\$1,417	\$0	\$1,417
	390	\$125,206	(\$117,193)	\$8,013
	391	\$504,889	(\$259,471)	\$245,418
	392	\$719	(\$30)	\$688
	393	\$94	(\$15)	\$78
	394	\$51,229	(\$23,631)	\$27,598
	395	\$6,259	(\$3,816)	\$2,444
	396	\$36	(\$3)	\$33
	397	\$69,526	(\$21,157)	\$48,369
	398	\$3,717	\$858	\$4,575
	399.1	\$478	(\$1,023)	(\$545)
Total General Plant		\$763,570	(\$425,482)	\$338,089
Other Storage Plant		\$0	\$0	\$0
Total Utility Gas Plant In Service		\$9,332,671	(\$3,843,343)	\$5,489,329

SOUTHERN CALIFORNIA GAS COMPANY

2013 TCAP

2/22/2013 Update Filing

Section 3

Submeter Credit Model

**Workpapers to the Prepared Written Testimony of
Jason Bonnett**

Step 1: Submetering Avoided Cost Credit

>> For multi-family dwelling units & mobile home parks supplied through one meter and submetered to all individual units (Schedule GS).
 >> Due to use of Subunit, Traditional Meter Capital and O&M Expenses Are Avoided. However, Savings Offset By Incurred Master Meter Capital and O&M Expenses.
 >> Master Meter Capital and O&M Expenses are Quantified on a Per Subunit Basis.
 >> Net Submetering Avoided Cost Credit = (Traditional Meter Capital and O&M) - (Master Meter Capital and O&M ÷ Average No. of Subunits Per Master Meter)
 >> Adopted Proposal = Western Mobilehome Parkowners Association. From Exhibit No. 52-A, As Filed w/Scaling.

SUBMETER AVOIDED COST CREDIT
 2013 TCAP Application
 2/22/2013 Update Filing

		Avoided Cost Per Subunit (Single Family) (\$/cst/yr.)	Incurred Cost Per Master Meter (Small) (\$/cst/yr.)		
	Capital Cost - Annual Revenue Requirement				
1	Meter	\$46.19	\$260.22	1	SCG LPMC Customer Cost - Tab cust mc
2	Service Line	\$69.52	\$184.03	2	SCG LPMC Customer Cost - Tab cust mc
3	Mains (Exclusive use)	\$0.00	\$0.00	3	SCG LPMC Customer Cost - Tab cust mc
4	Subtotal Capital	\$115.71	\$444.25	4	
	O&M Cost				
5	Meter O&M	\$1.59	\$8.88	5	SCG LPMC Customer Cost - Tab cust mc
6	Service Line O&M	\$0.01	\$0.01	6	SCG LPMC Customer Cost - Tab cust mc
7	Customer Services O&M	\$19.80	\$19.80	7	SCG LPMC Customer Cost - Tab cust mc
8	Customer Accounts O&M	\$34.41	\$34.41	8	SCG LPMC Customer Cost - Tab cust mc
	O&M Loaders				
9	A&G Loading	\$27.17	\$30.72	9	SCG LPMC Customer Cost - Tab cust mc
10	General Plant Loading	\$13.65	\$15.44	10	SCG LPMC Customer Cost - Tab cust mc
11	M&S Costs	\$0.19	\$0.22	11	SCG LPMC Customer Cost - Tab cust mc
12	Subtotal O&M	\$96.82	\$109.48	12	
13	Net Capital + O&M Cost	\$212.53	\$553.73	13	
14	x Scaling Factor	71.01%	71.01%	14	SCG DRAFT 2013TCAP Cost Allocation v12-21-2010.xls
15	= Avoided / Incurred Cost / Yr	\$150.93	\$393.23	15	
16	÷ Number Months / Year	12	12	16	
17	= Avoided / Incurred Cost / Mo	\$12.58	\$32.77	17	
18	÷ Avg No. of Subunits Per Master Meter Account	1	79	18	Based on A. Tung's information, 04/2011
19	= Incurred Cost Per Living Unit for Master Meter		\$0.41	19	
20	Net Avoided Cost / Month	\$12.17	<<< OUTPUT	20	<< Net of (Avoided Subunit Costs) - (Incurred Master Meter Costs) Per Subunit.

Step 2: Daily Submetering Credit

>> The Submeter Avoided Cost Credit Is Provided As A Daily Credit for Tariff Reporting Purposes.
 >> Note: CARE Customers Receive the Submeter Avoided Cost Credit LESS the CARE Discount.

DAILY SUBMETER CREDIT
 2013 TCAP Application

	Description	GS / GT - S (Dollars)	Care Rate GSL / GT - SL (Dollars)		
1	Net Avoided Cost / Month	\$12.17	\$12.17	1	
2	- SoCalGas Monthly Cust Charge	\$5.00	\$4.00	2	<<< Employs Current CARE Discount Rate of 20%
3	Submeter Credit / Month	\$7.17	\$8.17	3	<<< OUTPUT
4	x Number Months / Year	12	12	4	
5	Submeter Credit / Year	\$86.04	\$98.04	5	
6	÷ Number Days / Year	365	365	6	
7	= Submeter Credit / Day	\$0.23573	\$0.26860	7	<<< OUTPUT