

Application of San Diego Gas & Electric Company (U902M) for authority to update its gas and electric revenue requirement and base rates effective on January 1, 2012.

A.10-12-005

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

A.10-12-006

Exhibit No.: (SCG-40-WP-R)

REVISED WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF GARY LENART
ON BEHALF OF SOUTHERN CALIFORNIA GAS COMPANY

BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA

JULY 2011



TABLE SCG-1
Southern California Gas Company
SUMMARY OF ANNUAL TRANSPORTATION AND BUNDLED GAS REVENUES
GRC 2012 Rates

Class	Transportation Revenue			Adjustments		Bundled Revenue (gas cost Feb. 2010)			Volumes Mth/year	Present Rates (cents /therm)	Proposed Rates (cents/ therm)	% change
	2011	2012	% change	Gas Costs	PPPS	2011	2012	% change		2011	2012	
SCG:												
Res	\$1,331,703	\$1,499,678	12.6%	\$1,453,623	\$170,886	\$2,956,213	\$3,124,187	5.7%	2,483,989	119.011	125.773	5.7%
CC/I	\$306,021	\$345,810	13.0%	\$560,716	\$65,833	\$932,570	\$972,359	4.3%	970,519	96.090	100.190	4.3%
Other	\$12,409	\$13,878	11.8%	\$80,390	\$1,313	\$94,112	\$95,581	1.6%	136,521	68.936	70.012	1.6%
Total Core	\$1,650,133	\$1,859,366	12.7%	\$2,094,730	\$238,032	\$3,982,894	\$4,192,128	5.3%	3,591,030	110.912	116.739	5.3%
NCCI	\$84,297	\$95,736	13.6%		\$49,533	\$133,830	\$145,269	8.5%	1,440,163	9.293	10.087	8.5%
EG	\$75,961	\$86,289	13.6%			\$75,961	\$86,289	13.6%	2,826,964	2.687	3.052	13.6%
Whisle	\$18,750	\$21,303	13.6%			\$18,750	\$21,303	13.6%	1,599,240	1.172	1.332	13.6%
Total Noncore	\$179,008	\$203,328	13.6%		\$49,533	\$228,541	\$252,861	10.6%	5,866,366	3.896	4.310	10.6%
Other	\$66,244	\$69,753				\$66,244	\$69,753					
SCG System Total*	\$1,895,384	\$2,132,447	12.5%	\$2,094,730	\$287,565	\$4,277,679	\$4,514,742	5.5%	9,457,396	45.231	47.738	5.5%

Notes:

Bundled Revenue = Transportation + PPP Surcharge + Current Commodity Price (Feb. 2010 G-CP)

*Includes FAR

Calculation of Procurement Revenue	Sales Mth/yr	FAR Amt.	Feb. 2010 gas cost \$000
Gas Cost \$/th			\$0.59331
SCG:			
Res	2,470,671	\$12,250	\$1,453,623
CC/I	953,031	\$4,726	\$560,716
Other	136,521	\$610	\$80,390
Total SCG \$000	3,560,223	\$17,586	\$2,094,730

Procurement Revenue =(Gas Cost (\$/th) * Sales Volumes (Mth/yr)) - FAR Amt.

PPPS Revenue	SCG
Residential	\$170,886
C&I	\$65,833
Gas A/C	\$87
Gas Engine	\$1,226
NGV	\$0
NCCI	\$49,533
Total	\$287,565

TABLE 1
Natural Gas Transportation Rate Revenues
Southern California Gas Company
January 2011 Rates

SCG 2012GRC RD Model v6-17-11 Errata and Update

	Present Rates			Proposed Rates			Changes		
	1/1/2011	Average	1/1/2011	Jan-1-12	Average	40909	Revenue	Rate	% Rate
	Volumes	Rate	Revenues	Volumes	Rate	Revenues	Change	Change	change
	Mth	\$/therm	\$000's	Mth	\$/therm	\$000's	\$000's	\$/therm	%
	A	B	C	D	E	F	G	H	I
1 CORE									
2 Residential	2,483,989	\$0.53611	\$1,331,703	2,483,989	\$0.60374	\$1,499,678	\$167,975	\$0.06762	12.6%
3 Commercial & Industrial	970,519	\$0.31532	\$306,021	970,519	\$0.35631	\$345,810	\$39,789	\$0.04100	13.0%
4									
5 NGV - Pre SempraWide	117,231	\$0.09109	\$10,678	117,231	\$0.10230	\$11,993	\$1,315	\$0.01122	12.3%
6 SempraWide Adjustment	117,231	(\$0.00215)	(\$252)	117,231	(\$0.00291)	(\$342)	(\$90)	(\$0.00077)	35.7%
7 NGV - Post SempraWide	117,231	\$0.08894	\$10,426	117,231	\$0.09939	\$11,652	\$1,225	\$0.01045	11.8%
8									
9 Gas A/C	1,210	\$0.08353	\$101	1,210	\$0.09375	\$113	\$12	\$0.01022	12.2%
10 Gas Engine	18,080	\$0.10407	\$1,882	18,080	\$0.11689	\$2,113	\$232	\$0.01281	12.3%
11 Total Core	3,591,030	\$0.45952	\$1,650,133	3,591,030	\$0.51778	\$1,859,366	\$209,233	\$0.05827	12.7%
12									
13 NONCORE COMMERCIAL & INDUSTRIAL									
14 Distribution Level Service	982,465	\$0.07408	\$72,776	982,465	\$0.08407	\$82,593	\$9,816	\$0.00999	13.5%
15 Transmission Level Service (2)	457,697	\$0.02517	\$11,520	457,697	\$0.02872	\$13,143	\$1,623	\$0.00355	14.1%
16 Total Noncore C&I	1,440,163	\$0.05853	\$84,297	1,440,163	\$0.06648	\$95,736	\$11,439	\$0.00794	13.6%
17									
18 NONCORE ELECTRIC GENERATION									
19 Distribution Level Service									
20 Pre Sempra Wide	353,995	\$0.03674	\$13,006	353,995	\$0.04217	\$14,927	\$1,921	\$0.00543	14.8%
21 Sempra Wide Adjustment	353,995	\$0.00200	\$709	353,995	\$0.00099	\$350	(\$359)	(\$0.00101)	-50.7%
22 Distribution Level Post Sempra Wide	353,995	\$0.03874	\$13,715	353,995	\$0.04315	\$15,276	\$1,561	\$0.00441	11.4%
23 Transmission Level Service (2)	2,472,969	\$0.02517	\$62,246	2,472,969	\$0.02872	\$71,013	\$8,767	\$0.00355	14.1%
24 Total Electric Generation	2,826,964	\$0.02687	\$75,961	2,826,964	\$0.03052	\$86,289	\$10,329	\$0.00365	13.6%
25									
26 TOTAL RETAIL NONCORE	4,267,127	\$0.03756	\$160,257	4,267,127	\$0.04266	\$182,025	\$21,768	\$0.00510	13.6%
27									
28 WHOLESALE & INTERNATIONAL									
29 Wholesale Long Beach (2)	117,093	\$0.02517	\$2,947	117,093	\$0.02872	\$3,362	\$415	\$0.00355	14.1%
30 SDGE Wholesale	1,230,285	\$0.00769	\$9,464	1,230,285	\$0.00870	\$10,708	\$1,245	\$0.00101	13.2%
31 Wholesale SWG (2)	81,737	\$0.02517	\$2,057	81,737	\$0.02872	\$2,347	\$290	\$0.00355	14.1%
32 Wholesale Vernon (2)	116,135	\$0.02517	\$2,923	116,135	\$0.02872	\$3,335	\$412	\$0.00355	14.1%
33 International (2)	53,990	\$0.02517	\$1,359	53,990	\$0.02872	\$1,550	\$191	\$0.00355	14.1%
34 Total Wholesale & International & SDGE	1,599,240	\$0.01172	\$18,750	1,599,240	\$0.01332	\$21,303	\$2,553	\$0.00160	13.6%
35									
36 TOTAL NONCORE	5,866,366	\$0.03051	\$179,008	5,866,366	\$0.03466	\$203,328	\$24,320	\$0.00415	13.6%
37									
38 Unbundled Storage			\$26,470			\$29,984	\$3,514		
39									
40 Total (excluding FAR)	9,457,396	\$0.19621	\$1,855,611	9,457,396	\$0.22127	\$2,092,679	\$237,068	\$0.02507	12.8%
41									
42 Firm Access Rights FAR \$/dth/day (3)	2,866	\$0.03802	\$39,773	2,866	\$0.03801	\$39,769	(\$5)	(\$0.00000)	0.0%
43 SYSTEM TOTALw/SI,FAR,TLs,SW	9,457,396	\$0.20041	\$1,895,384	9,457,396	\$0.22548	\$2,132,447	\$237,063	\$0.02507	12.5%
44									
45 EOR Revenues	156,187	\$0.03220	\$5,029	156,187	\$0.03619	\$5,653	\$624	\$0.00399	12.4%
46 Total Throughput w/EOR Mth/yr	9,613,583			9,613,583					

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) FAR charge is as a separate rate. Core will pay through procurement rate, noncore as a separate charge. See Table 5 for actual FAR rates.

Whole Sale & International (excl SDGE)	368,955	\$0.02517	\$9,287	368,955	\$0.02872	\$10,595	\$1,308	\$0.00355	14.1%
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TABLE SCG-3**SoCalGas Core Cost Allocation****SCG 2012GRC RD Model v6-17-11 Errata and Update**

COST COMPONENTS \$000's	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Base Margin Costs:						
Customer Related Costs	\$688,638	\$87,749	\$51	\$1,013	\$3,138	\$780,588
Medium Pressure Distribution Costs	\$518,678	\$110,251	\$6	\$331	\$548	\$629,815
High Pressure Distribution Costs	\$109,097	\$29,716	\$19	\$213	\$1,775	\$140,820
Backbone Transmission Costs	\$27,289	\$10,198	\$12	\$181	\$1,175	\$38,854
Local Transmission Costs	\$38,764	\$10,650	\$7	\$79	\$918	\$50,418
Storage - Seasonal	\$45,020	\$7,735	\$0	\$11	\$19	\$52,786
Storage - Load Balancing	\$2,795	\$1,092	\$1	\$20	\$132	\$4,041
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$30,538	\$20,782	\$0	\$10	\$1,040	\$52,369
Uncollectibles	\$4,126	\$748	\$0	\$4	\$20	\$4,898
NGV compression adder	\$0	\$0	\$0	\$0	\$1,564	\$1,564
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	\$1,464,945	\$278,920	\$97	\$1,863	\$10,328	\$1,756,154
Less Backbone Transmission Costs	(\$27,289)	(\$10,198)	(\$12)	(\$181)	(\$1,175)	(\$38,854)
Less Local Transmission Costs	(\$38,764)	(\$10,650)	(\$7)	(\$79)	(\$918)	(\$50,418)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$19,848	\$7,417	\$9	\$132	\$854	\$28,260
Plus Local Transmission Costs w/SI, FFU	\$48,377	\$13,290	\$9	\$99	\$1,146	\$62,921
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$1,467,117	\$278,781	\$96	\$1,834	\$10,235	\$1,758,062
Other Operating Costs and Revenues						
n/a	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$2,634	\$1,029	\$1	\$19	\$124	\$3,809
Company Use Gas: Other	\$500	\$195	\$0	\$4	\$24	\$723
Company Use Gas: Storage Load Balancing	\$424	\$166	\$0	\$3	\$20	\$613
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$6	\$2	\$0	\$0	\$0	\$9
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$19,279	\$7,532	\$9	\$140	\$910	\$27,871
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$63	\$25	\$0	\$0	\$3	\$91
Subtotal Other Operating Costs and Revenues	\$22,906	\$8,950	\$11	\$167	\$1,081	\$33,115
Transition Costs						
n/a	\$0	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts						
Affiliate Transfer Fee Account (ATFA)	(\$126)	(\$24)	(\$0)	(\$0)	(\$1)	(\$151)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	(\$351)	(\$462)	\$0	\$0	\$0	(\$813)
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$781	\$305	\$0	\$6	\$37	\$1,130
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$11,281	\$4,408	\$5	\$82	\$532	\$16,309
On-Bill Financing Balancing Account (OBFBA)	\$772	\$147	\$0	\$1	\$5	\$925
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$1,772	\$337	\$0	\$2	\$12	\$2,124
Distribution Integrity Management Program Balancing Account	(\$1,687)	(\$321)	(\$0)	(\$2)	(\$12)	(\$2,021)
Hazardous Substance Cost-Recovery Account (HSCRA)	\$1,577	\$616	\$1	\$11	\$74	\$2,279
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	\$82	\$32	\$0	\$1	\$4	\$119
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0

TABLE SCG-3

SoCalGas Core Cost Allocation

SCG 2012GRC RD Model v6-17-11 Errata and Update

COST COMPONENTS \$000's	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Polychlorinated Biphenyls Expense Account (PCBEA)	\$329	\$129	\$0	\$2	\$16	\$476
Montebello True-Up Tracking Account (MTTA)	\$318	\$124	\$0	\$2	\$15	\$459
Noncore Fixed Cost Account (NFCA) Margin	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Fixed Cost Account (NFCA) Nonmargin	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$1,798	\$672	\$1	\$12	\$77	\$2,560
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$1,259)	(\$471)	(\$1)	(\$8)	(\$54)	(\$1,793)
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$34)	(\$13)	(\$0)	(\$0)	(\$2)	(\$49)
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$9,907)	(\$3,871)	(\$5)	(\$72)	(\$468)	(\$14,323)
Pension Balancing Account (PBA)	\$49,813	\$9,465	\$3	\$62	\$348	\$59,692
PBOP Balancing Account (PBOPBA)	(\$7,978)	(\$1,516)	(\$1)	(\$10)	(\$56)	(\$9,560)
Research Development and Demonstration Expense Account (RDDEA)	(\$76)	(\$14)	(\$0)	(\$0)	(\$1)	(\$91)
Research Royalty Memorandum Account (RRMA)	(\$1,076)	(\$205)	(\$0)	(\$1)	(\$8)	(\$1,290)
Self-Generation Program Memorandum Account (SGPMA)	\$2,138	\$835	\$1	\$16	\$101	\$3,091
Rewards & Penalties Balancing Account (RPBA)	\$7,534	\$1,432	\$0	\$9	\$53	\$9,028
Total Regulatory Accounts	\$55,701	\$11,606	\$7	\$113	\$675	\$68,101
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	(\$46,405)	\$46,405	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$1,499,320	\$345,742	\$113	\$2,113	\$11,991	\$1,859,278
EOR Revenue allocated to Other Classes \$000	(\$4,287)	(\$815)	(\$0)	(\$5)	(\$30)	(\$5,137)
EOR Costs allocated to Other Classes \$000	\$4,647	\$883	\$0	\$6	\$32	\$5,568
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,499,680	\$345,810	\$113	\$2,113	\$11,993	\$1,859,710
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	\$0.60374	\$0.35631	\$0.09375	\$0.11689	\$0.10230	\$0.51788
FFU Rate	101.76%	101.76%	101.76%	101.76%	101.76%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030
Sempre Wide & TLS Adjustments::						
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,499,680	\$345,810	\$113	\$2,113	\$11,993	\$1,859,710
SW NGV Adjustment					(\$342)	(\$342)
SW EG Adjustment						\$0
TLS Adjustment						
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	\$1,499,680	\$345,810	\$113	\$2,113	\$11,652	\$1,859,368
Rate Tables difference	\$1,499,678	\$345,810	\$113	\$2,113	\$11,652	\$1,859,366
	\$2	\$0	\$0	\$0	\$0	\$2
AYTP Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030
Average Rate w/oFAR \$/th	\$0.60374	\$0.35631	\$0.09375	\$0.11689	\$0.09939	\$0.51778
Rate Tables difference	\$0.60374	\$0.35631	\$0.09375	\$0.11689	\$0.09939	\$0.51778
	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
FAR w/FFU Charge \$000	\$10,941	\$4,089	\$5	\$73	\$471	\$15,578
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$1,510,620	\$349,899	\$118	\$2,186	\$12,123	\$1,874,946
Average Rate w/ FAR \$/th	\$0.60814	\$0.36053	\$0.09776	\$0.12090	\$0.10341	\$0.52212
Rate Tables difference						
Effective Allocation %'s:						
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	73.3%	14.0%	0.0%	0.1%	0.5%	87.9%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	74.5%	14.1%	0.0%	0.1%	0.5%	89.2%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	71.8%	16.6%	0.0%	0.1%	0.6%	89.1%
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	71.7%	16.5%	0.0%	0.1%	0.6%	88.9%

TABLE SCG-4**SoCalGas Noncore Retail Cost Allocation
SCG 2012GRC RD Model v6-17-11 Errata and Update**

COST COMPONENTS \$000's	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core
Base Margin Costs:					
Customer Related Costs	\$9,871	\$6,044	(\$22)	\$845	\$16,738
Medium Pressure Distribution Costs	\$23,888	\$1,395	\$1,032	\$41	\$26,354
High Pressure Distribution Costs	\$23,151	\$1,185	\$12,073	\$1,809	\$38,218
Backbone Transmission Costs	\$14,476	\$764	\$27,562	\$1,565	\$44,367
Local Transmission Costs	\$12,018	\$554	\$18,972	\$1,159	\$32,704
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$1,892	\$100	\$3,614	\$205	\$5,811
Storage - TBS	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$1,309	\$1,278	\$128	\$179	\$2,893
Uncollectibles	\$246	\$26	\$182	\$0	\$454
NGV compression adder	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	\$86,850	\$11,345	\$63,540	\$5,803	\$167,538
Less Backbone Transmission Costs	(\$14,476)	(\$764)	(\$27,562)	(\$1,565)	(\$44,367)
Less Local Transmission Costs	(\$12,018)	(\$554)	(\$18,972)	(\$1,159)	(\$32,704)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$10,529	\$555	\$20,047	\$1,119	\$32,250
Plus Local Transmission Costs w/SI, FFU	\$14,998	\$692	\$23,676	\$1,422	\$40,789
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$85,883	\$11,274	\$60,729	\$5,619	\$163,506
Other Operating Costs and Revenues					
n/a	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$1,527	\$81	\$2,917	\$163	\$4,688
Company Use Gas: Other	\$290	\$15	\$554	\$31	\$890
Company Use Gas: Storage Load Balancing	\$246	\$13	\$469	\$27	\$755
n/a	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$3	\$0	\$6	\$0	\$10
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$2,722	\$144	\$5,199	\$290	\$8,356
n/a	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$37	\$2	\$70	\$0	\$108
Subtotal Other Operating Costs and Revenues	\$4,825	\$255	\$9,216	\$510	\$14,807
Transition Costs					
n/a	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts					
Affiliate Transfer Fee Account (ATFA)	(\$7)	(\$1)	(\$5)	\$0	(\$14)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$453	\$24	\$865	\$0	\$1,342
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	\$45	\$6	\$32	\$0	\$83
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$213	\$0	\$0	\$0	\$213
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$105	\$14	\$74	\$0	\$193
Distribution Integrity Management Program Balancing Account	(\$99)	(\$13)	(\$70)	\$0	(\$182)
Hazardous Substance Cost-Recovery Account (HSCRA)	\$914	\$48	\$1,746	\$0	\$2,709
Interim Call Center Memorandum Account (ICMA)	\$0	\$0	\$0	\$0	\$0

TABLE SCG-4

**SoCalGas Noncore Retail Cost Allocation
SCG 2012GRC RD Model v6-17-11 Errata and Update**

COST COMPONENTS \$000's	Non Core				Total Retail
	C&I	EG Tier 1	EG Tier 2	EOR	Non Core
Intervenor Award Memorandum Account (IAMA)	\$48	\$3	\$91	\$0	\$142
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0
Polychlorinated Biphenyls Expense Account (PCBEA)	\$191	\$10	\$365	\$0	\$566
Montebello True-Up Tracking Account (MTTA)	\$48	\$3	\$92	\$0	\$143
Noncore Fixed Cost Account (NFCA) Margin	\$2,670	\$350	\$1,888	\$0	\$4,908
Noncore Fixed Cost Account (NFCA) Nonmargin	\$501	\$26	\$957	\$0	\$1,484
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$954	\$50	\$1,816	\$0	\$2,820
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$668)	(\$35)	(\$1,272)	\$0	(\$1,975)
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$20)	(\$1)	(\$38)	(\$2)	(\$61)
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$5,744)	(\$304)	(\$10,971)	\$0	(\$17,019)
Pension Balancing Account (PBA)	\$2,916	\$383	\$2,062	\$0	\$5,361
PBOP Balancing Account (PBOPBA)	(\$467)	(\$61)	(\$330)	\$0	(\$859)
Research Development and Demonstration Expense Account (RDDEA)	(\$4)	(\$1)	(\$3)	\$0	(\$8)
Research Royalty Memorandum Account (RRMA)	(\$63)	(\$8)	(\$45)	\$0	(\$116)
Self-Generation Program Memorandum Account (SGPMA)	\$1,240	\$66	\$2,368	\$0	\$3,673
Rewards & Penalties Balancing Account (RPBA)	\$441	\$58	\$312	\$0	\$811
Total Regulatory Accounts	\$3,667	\$617	(\$66)	(\$2)	\$4,215
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$94,375	\$12,146	\$69,879	\$6,127	\$182,528
EOR Revenue allocated to Other Classes \$000	(\$251)	(\$33)	(\$177)		(\$461)
EOR Costs allocated to Other Classes \$000	\$272	\$36	\$192	(\$6,127)	(\$5,627)
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	\$94,396	\$12,149	\$69,894	\$0	\$176,439
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,440,163	76,202	2,750,762		4,267,127
Average Rate w/oFAR \$/th	\$0.06555	\$0.15943	\$0.02541	\$0.00000	\$0.04135
FFU Rate	101.76%	101.76%	101.76%	100.00%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	1,440,163	76,202	2,750,762	156,187	4,423,313
Sempre Wide & TLS Adjustments::					
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$94,396		\$82,043		\$176,439
SW NGV Adjustment					\$0
SW EG Adjustment			\$350		\$350
TLS Adjustment					
Amount allocated to TLS Class \$000	(\$11,804)		(\$67,117)		(\$78,920)
TLS revenue paid by class @ average TLS rate \$000	\$13,143		\$71,013		\$84,156
	\$1,340		\$3,896		\$5,236
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$95,736		\$86,289		\$182,025
Rate Tables difference	\$95,736		\$86,289		\$182,025
	\$0		\$0		\$0
AYTP Mth/yr	1,440,163		2,826,964		4,267,127
Average Rate w/oFAR \$/th	\$0.06648		\$0.03052		\$0.04266
Rate Tables difference	\$0.06648		\$0.03052		\$0.04266
	\$0.00000		\$0.00000		\$0.00000
FAR w/FFU Charge \$000	\$5,804	\$306	\$11,050	\$627	\$17,788
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$101,539	\$306	\$97,340	\$627	\$199,813
Average Rate w/ FAR \$/th	\$0.07051	\$0.00402	\$0.03539		\$0.04683
Rate Tables difference					
Effective Allocation %'s:					
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	4.3%	0.6%	3.2%	0.3%	8.4%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	4.4%	0.6%	3.1%	0.3%	8.3%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	4.5%	0.6%	3.3%	0.0%	8.5%
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	4.6%	0.0%	4.1%	0.0%	8.7%

TABLE SCG-5**SoCalGas Wholesale Cost Allocation****SCG 2012GRC RD Model v6-17-11 Errata and Update**

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale
Base Margin Costs:					
Customer Related Costs	\$147	\$140	\$283	\$130	\$701
Medium Pressure Distribution Costs	\$0	\$0	\$0	\$0	\$0
High Pressure Distribution Costs	\$0	\$0	\$0	\$0	\$0
Backbone Transmission Costs	\$1,239	\$12,863	\$840	\$1,164	\$16,105
Local Transmission Costs	\$1,273	\$13,225	\$911	\$907	\$16,315
Storage - Seasonal	\$0	\$7,202	\$0	\$0	\$7,202
Storage - Load Balancing	\$154	\$1,616	\$107	\$153	\$2,030
Storage - TBS	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$357	\$357	\$357	\$357	\$1,429
Uncollectibles	\$0	\$0	\$0	\$0	\$0
NGV compression adder	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	\$3,170	\$35,403	\$2,498	\$2,710	\$43,782
Less Backbone Transmission Costs	(\$1,239)	(\$12,863)	(\$840)	(\$1,164)	(\$16,105)
Less Local Transmission Costs	(\$1,273)	(\$13,225)	(\$911)	(\$907)	(\$16,315)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$899	\$0	\$609	\$844	\$2,352
Plus Local Transmission Costs w/SI, FFU	\$1,584	\$0	\$1,133	\$1,129	\$3,846
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$3,141	\$9,315	\$2,490	\$2,613	\$17,559
Other Operating Costs and Revenues					
n/a	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$124	\$0	\$86	\$123	\$333
Company Use Gas: Other	\$23	\$247	\$16	\$23	\$310
Company Use Gas: Storage Load Balancing	\$20	\$210	\$14	\$20	\$264
n/a	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$0	\$3	\$0	\$0	\$4
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$221	\$2,319	\$154	\$219	\$2,913
n/a	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$3	\$31	\$2	\$3	\$39
Subtotal Other Operating Costs and Revenues	\$391	\$2,810	\$273	\$388	\$3,862
Transition Costs					
n/a	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts					
Affiliate Transfer Fee Account (ATFA)	(\$0)	(\$1)	(\$0)	(\$0)	(\$2)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$37	\$386	\$26	\$36	\$485
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	\$2	\$5	\$1	\$1	\$9
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$0	\$0
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$4	\$11	\$3	\$3	\$21
Distribution Integrity Management Program Balancing Account	(\$4)	(\$11)	(\$3)	(\$3)	(\$20)
Hazardous Substance Cost-Recovery Account (HSCRA)	\$74	\$779	\$52	\$74	\$978
Interim Call Center Memorandum Account (ICMA)	\$0	\$0	\$0	\$0	\$0

TABLE SCG-5

**SoCalGas Wholesale Cost Allocation
SCG 2012GRC RD Model v6-17-11 Errata and Update**

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale
Intervenor Award Memorandum Account (IAMA)	\$4	\$41	\$3	\$4	\$51
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0
Polychlorinated Biphenyls Expense Account (PCBEA)	\$15	\$163	\$11	\$15	\$204
Montebello True-Up Tracking Account (MTTA)	\$4	\$41	\$3	\$4	\$52
Noncore Fixed Cost Account (NFCA) Margin	\$97	\$289	\$77	\$81	\$544
Noncore Fixed Cost Account (NFCA) Nonmargin	\$41	\$427	\$28	\$40	\$536
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$81	\$0	\$55	\$76	\$213
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$57)	\$0	(\$39)	(\$54)	(\$149)
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$2)	(\$17)	(\$1)	(\$2)	(\$21)
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$466)	(\$4,893)	(\$325)	(\$462)	(\$6,146)
Pension Balancing Account (PBA)	\$106	\$315	\$84	\$88	\$595
PBOP Balancing Account (PBOPBA)	(\$17)	(\$51)	(\$14)	(\$14)	(\$95)
Research Development and Demonstration Expense Account (RDDEA)	(\$0)	(\$0)	(\$0)	(\$0)	(\$1)
Research Royalty Memorandum Account (RRMA)	(\$2)	(\$7)	(\$2)	(\$2)	(\$13)
Self-Generation Program Memorandum Account (SGPMA)	\$101	\$1,056	\$70	\$100	\$1,326
Rewards & Penalties Balancing Account (RPBA)	\$16	\$48	\$13	\$13	\$90
Total Regulatory Accounts	\$34	(\$1,419)	\$43	\$0	(\$1,342)
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$3,566	\$10,706	\$2,806	\$3,001	\$20,079
EOR Revenue allocated to Other Classes \$000	(\$9)	(\$27)	(\$7)	(\$8)	(\$51)
EOR Costs allocated to Other Classes \$000	\$10	\$30	\$8	\$8	\$56
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	\$3,567	\$10,708	\$2,806	\$3,002	\$20,084
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Average Rate w/oFAR \$/th	\$0.03046	\$0.00870	\$0.03434	\$0.02585	\$0.01300
FFU Rate	101.48%	101.48%	101.48%	101.48%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Sempra Wide & TLS Adjustments::					
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$3,567	\$10,708	\$2,806	\$3,002	\$20,084
SW NGV Adjustment					\$0
SW EG Adjustment					\$0
TLS Adjustment					
Amount allocated to TLS Class \$000	(\$3,567)		(\$2,806)	(\$3,002)	(\$9,375)
TLS revenue paid by class @ average TLS rate \$000	\$3,362		\$2,347	\$3,335	\$9,044
	(\$205)	\$0	(\$459)	\$333	(\$331)
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$3,362	\$10,708	\$2,347	\$3,335	\$19,753
Rate Tables difference	\$3,362	\$10,708	\$2,347	\$3,335	\$19,753
	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Average Rate w/oFAR \$/th	\$0.02872	\$0.00870	\$0.02872	\$0.02872	\$0.01278
Rate Tables difference	\$0.02872	\$0.00870	\$0.02872	\$0.02872	
	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
FAR w/FFU Charge \$000	\$497	\$4,886	\$337	\$467	\$6,186
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$3,859	\$15,595	\$2,684	\$3,801	\$25,939
Average Rate w/ FAR \$/th	\$0.03296	\$0.01268	\$0.03283	\$0.03273	\$0.01679
Rate Tables difference					
Effective Allocation %'s:					
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	0.2%	1.8%	0.1%	0.1%	2.2%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	0.2%	0.5%	0.1%	0.1%	0.9%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	0.2%	0.5%	0.1%	0.1%	1.0%
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	0.2%	0.5%	0.1%	0.2%	0.9%

TABLE SCG-6**SoCalGas Intrn'l & Summary Allocation
SCG 2012GRC RD Model v6-17-11 Errata and Update**

COST COMPONENTS \$000's	DGN	TBS	Total Non Core	Total System \$000
Base Margin Costs:				
Customer Related Costs	\$35	\$0	\$17,474	\$798,062
Medium Pressure Distribution Costs	\$0	\$0	\$26,354	\$656,169
High Pressure Distribution Costs	\$0	\$0	\$38,218	\$179,038
Backbone Transmission Costs	\$541	\$0	\$61,013	\$99,867
Local Transmission Costs	\$430	\$0	\$49,449	\$99,867
Storage - Seasonal	\$0	\$0	\$7,202	\$59,988
Storage - Load Balancing	\$71	\$0	\$7,911	\$11,952
Storage - TBS	\$0	\$29,984	\$29,984	\$29,984
Non-DSM Marketing Related Costs	\$179	\$0	\$4,500	\$56,869
Uncollectibles	\$0	\$0	\$454	\$5,352
NGV compression adder	\$0	\$0	\$0	\$1,564
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	\$1,256	\$29,984	\$242,559	\$1,998,713
Less Backbone Transmission Costs	(\$541)	\$0	(\$61,013)	(\$99,867)
Less Local Transmission Costs	(\$430)	\$0	(\$49,449)	(\$99,867)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$392	\$0	\$34,994	\$63,254
Plus Local Transmission Costs w/SI, FFU	\$536	\$0	\$45,170	\$108,091
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$1,212	\$29,984	\$212,261	\$1,970,324
Other Operating Costs and Revenues				
n/a	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$57	\$0	\$5,079	\$8,887
Company Use Gas: Other	\$11	\$0	\$1,211	\$1,933
Company Use Gas: Storage Load Balancing	\$9	\$0	\$1,028	\$1,640
n/a	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$0	\$0	\$14	\$23
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$102	\$0	\$11,370	\$39,241
n/a	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$1	\$0	\$149	\$240
Subtotal Other Operating Costs and Revenues	\$180	\$0	\$18,850	\$51,965
Transition Costs				
n/a	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0
Regulatory Accounts				
Affiliate Transfer Fee Account (ATFA)	(\$0)	\$0	(\$15)	(\$166)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	(\$813)
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$17	\$0	\$1,844	\$2,974
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$16,309
On-Bill Financing Balancing Account (OBFBA)	\$1	\$0	\$93	\$1,018
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$213	\$213
California Solar Initiative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$1	\$0	\$216	\$2,340
Distribution Integrity Management Program Balancing Account	(\$1)	\$0	(\$203)	(\$2,225)
Hazardous Substance Cost-Recovery Account (HSCRA)	\$34	\$0	\$3,721	\$6,000
Interim Call Center Memorandum Account (ICMA)	\$0	\$0	\$0	\$0

TABLE SCG-6

**SoCalGas Intrn'l & Summary Allocation
SCG 2012GRC RD Model v6-17-11 Errata and Update**

COST COMPONENTS \$000's	DGN	TBS	Total Non Core	Total System \$000
Intervenor Award Memorandum Account (IAMA)	\$2	\$0	\$194	\$314
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0
Polychlorinated Biphenyls Expense Account (PCBEA)	\$7	\$0	\$777	\$1,253
Montebello True-Up Tracking Account (MTTA)	\$2	\$0	\$197	\$656
Noncore Fixed Cost Account (NFCA) Margin	\$38	\$0	\$5,490	\$5,490
Noncore Fixed Cost Account (NFCA) Nonmargin	\$19	\$0	\$2,038	\$2,038
Noncore Storage Memorandum Account (NSMA)	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$36	\$0	\$3,068	\$5,628
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$25)	\$0	(\$2,149)	(\$3,942)
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$1)	\$0	(\$82)	(\$132)
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$215)	\$0	(\$23,380)	(\$37,702)
Pension Balancing Account (PBA)	\$41	\$0	\$5,996	\$65,688
PBOP Balancing Account (PBOPBA)	(\$7)	\$0	(\$960)	(\$10,520)
Research Development and Demonstration Expense Account (RDDEA)	(\$0)	\$0	(\$9)	(\$100)
Research Royalty Memorandum Account (RRMA)	(\$1)	\$0	(\$130)	(\$1,419)
Self-Generation Program Memorandum Account (SGPMA)	\$46	\$0	\$5,046	\$8,137
Rewards & Penalties Balancing Account (RPBA)	\$6	\$0	\$907	\$9,935
Total Regulatory Accounts	\$0	\$0	\$2,873	\$70,974
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$1,393	\$29,984	\$233,984	\$2,093,263
EOR Revenue allocated to Other Classes \$000	(\$4)	\$0	(\$516)	(\$5,653)
EOR Costs allocated to Other Classes \$000	\$4	\$0	(\$5,568)	\$0
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0
Transport Rev Req w/Sl, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,393	\$29,984	\$227,900	\$2,087,610
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	53,990	0	5,866,366	9,457,396
Average Rate w/oFAR \$/th	\$0.02580	\$0.00000	\$0.03885	\$0.22074
FFU Rate	101.48%			
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	53,990	0	6,022,553	9,613,583
Sempra Wide & TLS Adjustments::				
Transport Rev Req w/Sl, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,393	\$29,984	\$227,900	\$2,087,610
SW NGV Adjustment			\$0	(\$342)
SW EG Adjustment			\$350	\$350
TLS Adjustment				
Amount allocated to TLS Class \$000	(\$1,393)		(\$89,688)	(\$89,688)
TLS revenue paid by class @ average TLS rate \$000	\$1,550		\$94,751	\$94,751
	\$157	\$0	\$5,063	\$5,063
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$1,550	\$29,984	\$233,312	\$2,092,680
Rate Tables difference	\$1,550	\$29,984	\$233,312	\$2,092,679
	\$0	\$0	\$0	\$2
AYTP Mth/yr	53,990		5,866,366	9,457,396
Average Rate w/oFAR \$/th	\$0.02872		\$0.03977	\$0.22127
Rate Tables difference	\$0.02872			\$0.22127
	\$0.00000			\$0.00000
FAR w/FFU Charge \$000	\$217	\$0	\$24,191	\$39,769
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$1,767	\$29,984	\$257,503	\$2,132,449
Average Rate w/ FAR \$/th	\$0.03273		\$0.04389	\$0.22548
Rate Tables difference				\$2,132,447
				\$2
Effective Allocation %'s:				
Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU	0.1%	1.5%	12.1%	100.0%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	0.1%	1.5%	10.8%	100.0%
Transport Rev Req w/Sl, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	0.1%	1.4%	10.9%	100.0%
Transport Rev Req w/Sl, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	0.1%	1.4%	11.1%	100.0%

TABLE SCG-7

**SCG 2012GRC RD Model v6-17-11 Errata and Update
MISCELLANEOUS INPUTS**

#1 Applicable Franchise Fee & Uncollectible Factors	Source	
Uncollectible Rate:		
System Avg Uncollectible rate	0.27800%	2012 GRC
Uncollectible 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
	<u>\$1,417,958</u>	
Uncollectible rate adjustment	<u>99.83%</u>	
Uncollectible Rate for non-exempt customers	0.27848%	
Franchise Fee Rate:		
Franchise Rate	1.45930%	2012 GRC
FF&U rates with Gross-up:		
Wholesale Franchise Factor	101.4809%	
Retail Franchise Fee & Uncollectible Factor FFU	101.7643%	

Example FFU Calculation:	W/S	Non W/S	System
Gross Revenue Billed	\$100.000	\$100.000	\$100.000
Uncollectible 0.27800%			\$0.274
Uncollectible non-exempt 0.27848%		\$0.274	
Franchise Rate 1.4593%	\$1.459	\$1.459	\$1.459
Net Revenue	\$98.541	\$98.266	\$98.267
if I want this net revenue	\$98.541	\$98.266	\$98.267
Net to Gross = Gross Revenue/Net revenue =	101.4809%	101.7643%	101.7638%
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 =	98.5407%	98.2663%	98.2668%
then I will get this net revenue	\$98.541	\$98.266	\$98.267
if I bill this amount	\$100.00	\$100.00	\$100.00
1-(Net Revenue/Gross Revenue) =	1.4593%	1.7337%	1.7332%
then I will get this net revenue	\$98.541	\$98.266	\$98.267

TABLE SCG-8**Base Margin and Revenue Requirement****SCG 2012GRC RD Model v6-17-11 Errata and Update**

Base Margin in Transportation rates	\$000's	
Authorized Base Margin (net of Misc revenue)	\$2,004,396	2012 General Rate Case
Less Items Not in Transportation Rate:		
Brokerage Fee	(\$5,683)	Misc Inputs
Base Margin in Transportation Rates w/oSI; w/FFU \$000	<u>\$1,998,713</u>	
System Integration:		
Less Backbone Transmission Costs	(\$99,867)	Cost Alloc
Less Local Transmission Costs	(\$99,867)	Cost Alloc
Plus Backbone Transmission Costs w/SI	\$63,254	Cost Alloc
Plus Local Transmission Costs w/SI	\$108,091	Cost Alloc
Plus Unbundled FAR amount w/FFU	<u>\$45,880</u>	SI & FAR
System Integration	\$17,491	
less Unbundled FAR amount w/FFU	<u>(\$45,880)</u>	
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	<u>\$1,970,323</u>	
Other Operating Costs and Revenues	\$51,965	Cost Alloc
Transition Costs	\$0	Cost Alloc
Regulatory Accounts	\$70,974	Cost Alloc
Core Interstate Pipeline Demand Charges (IPDC)	\$0	Cost Alloc
Core Averaging	\$0	Cost Alloc
EOR Revenue allocated to Other Classes \$000	(\$5,653)	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 FAR Rev, SW adj, TLS \$000/yr	<u><u>\$2,087,610</u></u>	
plus SW Adjustments	\$8	
plus change due to TLS (NCCI/EG/WS/DGN)	\$5,063	
Final Revenue Requirement in Rate Tables w/oFAR Revenue	<u><u>\$2,092,680</u></u>	
Est FAR Revenue- \$000	<u>\$39,769</u>	Cost Alloc
Final Revenue Requirement in Rate Tables w/FAR Revenue	<u><u>\$2,132,449</u></u>	

TABLE SCG-9

SoCalGas Residential Bill Impact

SCG 2012GRC RD Model v6-17-11 Errata and Update

Notes:

- 1) Transport rate as of 1/2011. Proposed GRC rate
- 2) G-CP rate is the Feb. 2010 G-CP
- 3) PPPS rate for non-care customer. Current rate in 2011.
- 4) BL usage limits reflect Zone 1
- 5) G-SRF rate in 2011
- 6) Seasonal bill based on average rate for season * #therms.

	Monthly Average
<hr/> SCG Residential - Current Rates: <hr/>	
Customer Charge \$/day =	\$0.16438
BL Rate \$/th =	\$0.33482
NBL Rate \$/th =	\$0.58482
G-CP \$/th =	\$0.59331
PPPS \$/th =	\$0.07687
G-SRF \$/th =	<u>\$0.00068</u>
Effective Average Rate \$/th	\$1.17180
BL Usage limit th/day =	1.082
# days in month =	<u>30.42</u>
BL usage limit th/mo =	<u>32.75</u>
Total th used th/mo =	38.00
BL therms =	32.75
NBL therms =	5.25
Customer Charge \$/mo =	\$5.00
BL charges \$/mo =	\$10.97
NBL charge \$/mo =	\$3.07
Commodity Charge \$/mo =	\$22.55
PPPS charge \$/mo =	\$2.92
G-PUC Regulatory Fee \$/mo =	\$0.03
Total Charge \$/mo =	<u>\$44.53</u>

TABLE SCG-9

SoCalGas Residential Bill Impact

SCG 2012GRC RD Model v6-17-11 Errata and Update

Notes:

- 1) Transport rate as of 1/2011. Proposed GRC rate
- 2) G-CP rate is the Feb. 2010 G-CP
- 3) PPPS rate for non-care customer. Current rate in 2011.
- 4) BL usage limits reflect Zone 1
- 5) G-SRF rate in 2011
- 6) Seasonal bill based on average rate for season * #therms.

	Monthly Average
<u>SCG Residential - Proposed Rates:</u>	
Customer Charge \$/day =	\$0.16438
BL Rate \$/th =	\$0.40261
NBL Rate \$/th =	\$0.65261
G-CPC \$/th =	\$0.59331
PPPS \$/th =	\$0.07687
G-PUC Regulatory fee \$/th =	<u>\$0.00068</u>
Effective Average Rate \$/th	\$1.23958
BL Usage limit th/day =	1.082
# days in month =	<u>30.42</u>
BL usage limit th/mo =	32.75
Total th used th/mo =	38.00
BL therms =	32.75
NBL therms =	5.25
Customer Charge \$/mo =	\$5.00
BL charges \$/mo =	\$13.19
NBL charge \$/mo =	\$3.43
Commodity Charge \$/mo =	\$22.55
PPPS charge \$/mo =	\$2.92
G-PUC Regulatory Fee \$/mo =	\$0.03
Total Charge \$/mo =	<u>\$47.10</u>
Increase (decrease) from Current Rates \$/month	<u>\$2.58</u>
% Increase (decrease) from Current	<u>5.8%</u>