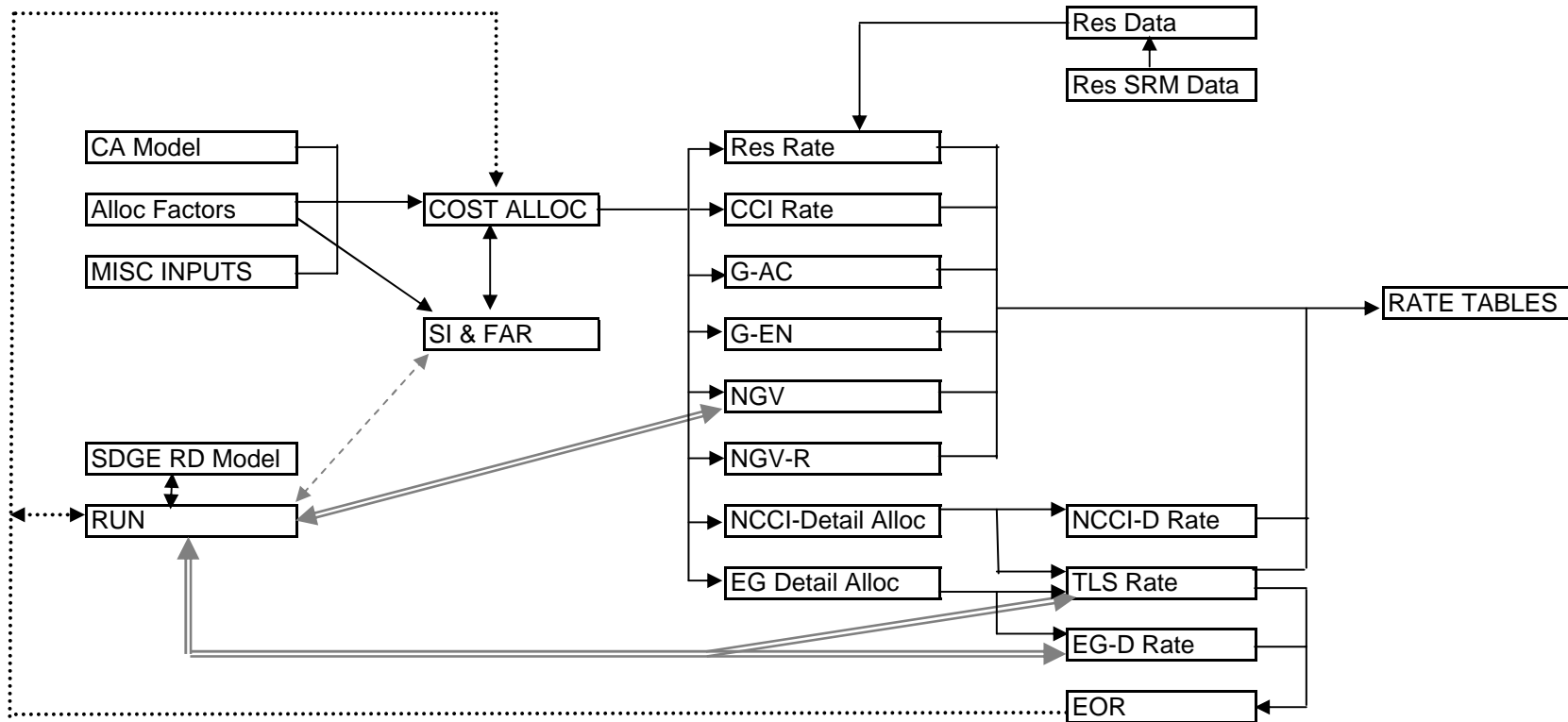


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v10-3-2008 Embedded Cost

	Worksheet Tab	Purpose
1	Table of Contents	Table of Contents
2	FlowChart	Rate Design Model FlowChart
3	Rate Tables	Proposed rates & revenue compared to 2008 Rates & Revenue (appendix A in testimony)
4	Rate Tables B	Proposed rates & revenue compared to 2008 Rates * BCAP Volumes (appendix B in Testimony)
5	Testimony Tables	Tables 1 & 2 in Testimony
6	Reconcile	Reconciles revenue requirement and rates between Proposal and 2008
7	Revenue Check	Verifies that revenue requirements are properly recovered in rates
8	Cost Alloc	Allocates costs to customer classes
9	Alloc Factors	Factors used to allocate costs to classes, primarily demand forecast
10	CA Model	Results of base margin cost allocation model
11	EOR	rate calculation for enhanced oil recovery market
12	Misc Input	miscellaneous inputs, such as cost of gas
13	SI & FAR	Calculation of System Integration and revenue from Firm Access Rights
14	Res rate	Calculation of Residential Rates
15	Res Data	Data used in calculation of residential rates
16	Res SRM Data	Data used in calculation of residential rates
17	CCI Rates	Calculation of Core C&I rates
18	G-AC	Calculation of Air Conditioning rate
19	G-EN	Caclulation of gas engine rate
20	NGV	Calculation of NGV rate
21	NGV-R Rate	Calculation of NGV Residential rate
22	NCCI-D Rates	Calculation of Noncore C&I rate for Distribution level service
23	EG-D Rates	Calculation of Electric Generation rate for Distriibution level service
24	NCCI detail Alloc	Allocation of NCCI costs into Distribution and Tranmission level service
25	EG Detail Alloc	Allocation of EG costs into Distribution and Tranmission level service
26	2008 Cost Alloc	Results of 2008 Cost Allocation
27	TLS Rate	Calculation of Transmission Level Service rate
28	RUN	Data that transfers between SCG and SDGE Rate Design Models



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 is based on average EG rate and is an iterative process that offsets other class' costs.

Each box is a worksheet tab in rate design model

Tabs not shown in flowchart

- Rate Tables B
- Testimony Tables
- Reconcile
- Revenue Check
- Table of Contents
- Flowchart
- 2008 Cost Alloc

TABLE 1
Transportation Rate Revenues
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates			Proposed Rates			Changes			Proposal w/FAR (3)	
	Jan-1-08 Volumes Mth A	Jan-1-08 Revenues \$000's B	Average Rate \$/therm C	BCAP Volumes mtherms E	Proposed Revenues \$000's F	Proposed Rate \$/therm G	Revenue Change \$000's H	Rate Change \$/therm I	% Rate change % J	Proposed Rate w/FAR K	\$0.00500 rate change L
	1 <u>CORE</u>										
2 Residential	2,546,852	\$1,161,988	\$0.45624	2,483,989	\$1,221,892	\$0.49191	\$59,904	\$0.03566	7.8%	\$0.49691	\$0.04066
3 Commercial & Industrial	834,635	\$241,371	\$0.28919	970,519	\$246,122	\$0.25360	\$4,751	(\$0.03560)	-12.3%	\$0.25860	(\$0.03060)
4 NGV - Pre SempraWide (1)				117,231	\$6,456	\$0.05507				\$0.06007	
5 SempraWide Adjustment					\$980						
6 NGV - Post SempraWide				117,231	\$7,436	\$0.06343				\$0.06843	
7 Gas A/C	1,200	\$157	\$0.13097	1,210	\$62	\$0.05159	(\$95)	(\$0.07938)	-60.6%	\$0.05659	(\$0.07438)
8 Gas Engine	16,040	\$1,959	\$0.12212	18,080	\$2,267	\$0.12539	\$308	\$0.00327	2.7%	\$0.13039	\$0.00827
9 Total Core	3,398,727	\$1,405,475	\$0.41353	3,591,030	\$1,477,779	\$0.41152	\$72,304	(\$0.00201)	-0.5%	\$0.41652	
10 <u>NONCORE COMMERCIAL & INDUSTRIAL</u>											
11 Distribution Level Service	1,156,023	\$83,124	\$0.07191	982,465	\$47,706	\$0.04856	(\$35,419)	(\$0.02335)	-32.5%	\$0.05356	(\$0.01835)
13 Transmission Level Service (2)	300,734	\$8,616	\$0.02865	457,697	\$12,341	\$0.02696	\$3,726	(\$0.00168)	-5.9%	\$0.03196	\$0.00332
14 Total Noncore C&I	1,456,757	\$91,740	\$0.06298	1,440,163	\$60,047	\$0.04169	(\$31,693)	(\$0.02128)	-33.8%	\$0.04669	(\$0.01628)
15 <u>NONCORE ELECTRIC GENERATION</u>											
16 Distribution Level Service (2008 is all EG, no separate transmission rate in 2008)											
17 Pre Sempra Wide	2,944,257	\$101,873	\$0.03460	612,215	\$21,031	\$0.03435				\$0.03935	
18 Sempra Wide Adjustment		\$1,452			\$1,896						
19 Post Sempra Wide	2,944,257	\$103,325	\$0.03509	612,215	\$22,928	\$0.03745				\$0.04245	
20 Transmission Level Service (2)				2,214,749	\$65,841	\$0.02973				\$0.03473	
21 Total Electric Generation	2,944,257	\$103,325	\$0.03509	2,826,964	\$88,768	\$0.03140	(\$14,557)	(\$0.00369)	-10.5%	\$0.03640	\$0.00131
22											
23 <u>WHOLESALE & INTERNATIONAL</u>											
24 Wholesale Long Beach (2)	77,821	\$2,589	\$0.03327	117,093	\$3,322	\$0.02837	\$733	(\$0.00490)	-14.7%	\$0.03337	\$0.00010
25 SDGE Wholesale	1,445,680	\$14,618	\$0.01011	1,230,285	\$19,078	\$0.01551	\$4,460	\$0.00540	53.4%	\$0.02051	\$0.01040
26 Wholesale SWG (2)	91,672	\$2,847	\$0.03106	81,737	\$2,623	\$0.03209	(\$224)	\$0.00103	3.3%	\$0.03709	\$0.00603
27 Wholesale Vernon (2)	51,620	\$1,442	\$0.02794	116,135	\$2,946	\$0.02536	\$1,503	(\$0.00258)	-9.2%	\$0.03036	\$0.00242
28 International (2)	36,419	\$1,090	\$0.02993	53,990	\$1,368	\$0.02533	\$278	(\$0.00460)	-15.4%	\$0.03033	\$0.00040
29 Total Wholesale & International	1,703,212	\$22,586	\$0.01326	1,599,240	\$29,336	\$0.01834	\$6,750	\$0.00508	38.3%	\$0.02334	\$0.01008
30											
31 TOTAL NONCORE	6,104,226	\$217,651	\$0.03566	5,866,366	\$178,151	\$0.03037	(\$39,500)	(\$0.00529)	-14.8%	\$0.03537	(\$0.00029)
32 Unalloc. Costs to NSBA		\$15,683					(\$15,683)				
33 Unbundled Storage		\$21,000			\$29,017		\$8,017				
34											
35 Total (excluding FAR)	9,502,953	\$1,659,808	\$0.17466	9,457,396	\$1,684,947	\$0.17816	\$25,139	\$0.00350	2.0%	\$0.18316	\$0.00850
36											
37 FAR Revenues					\$53,038						
38											
39 SYSTEM TOTAL w/SL,FAR,ILS,SW	9,502,953	\$1,659,808	\$0.17466	9,457,396	\$1,737,985	\$0.18377	\$78,177	\$0.00911	5.2%		
40											
41 EOR Revenues	482,707	\$22,780	\$0.04719	156,187	\$4,162	\$0.02665					
42											
43 Total w/EOR Throughput	9,985,661			9,613,583							

- Under present rates, NGV is not directly allocated costs and is not calculated on Sempra-Wide basis. It is not shown in Table 1. See Table 3 for Present NGV Rates.
- These proposed costs and rates for Transmission Level Service customers represents the average transmission rate and revenue of each class. See Table 5 for actual transmission level service rate.
- FAR charge is proposed as a separate rate. Core will pay through procurement rate, noncore as a separate charge. To make comparison to present rates, this column reflects FAR charge added to each rate. Average rate paid will vary based on capacity reserved and volumes used. 100% load factors is implied in column. See Table 5 for actual FAR charge.

TABLE 2
Core Transportation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates			Proposed Rates			Proposal w/FAR (3)	
	Jan-1-08 Volumes Mth	Jan-1-08 Rate \$/th	Jan-1-08 Revenue \$000's	BCAP Volumes Mth	Rate \$/th	Revenue \$000's	Proposed Rate w/FAR	rate change
	A	B	C	D	E	F	G	H
1 <u>RESIDENTIAL SERVICE</u>								
2 <u>Customer Charge</u>								
3 Single Family	3,091,427	\$5.00	\$185,486	3,676,464	\$5.00	\$220,588		
4 Multi-Family	1,485,811	\$5.00	\$89,149	1,685,965	\$5.00	\$101,158		
5 Small Master Meter	118,240	\$5.00	\$7,094	92,860	\$5.00	\$5,572		
6 Submeter Credit-\$/unit/day	146,025	(\$0.30805)	(\$16,419)	149,095	(\$0.30805)	(\$16,764)		
7 Volumetric Transportation Rate								
8 Baseline Rate	1,664,421	\$0.29191	\$485,853	1,703,882	\$0.30331	\$516,810	\$0.30831	\$0.01640
9 Non-Baseline Rate	844,693	\$0.47528	\$401,466	768,363	\$0.50985	\$391,753	\$0.51485	\$0.03957
10	2,509,114	\$0.45938	\$1,152,628	2,472,246	\$0.49312	\$1,219,116	\$0.49812	\$0.03874
11 composite rate ratio=		1.05			1.05			
12 <u>Large Master Meter</u>								
13 Customer Charge	183	\$308.92	\$678	61	\$339.80	\$249		
14 Baseline Rate	27,925	\$0.20888	\$5,833	9,017	\$0.18493	\$1,668	\$0.18993	(\$0.01895)
15 Non-Baseline Rate	9,811	\$0.29163	\$2,861	2,726	\$0.31086	\$848	\$0.31586	\$0.02423
16	37,736	\$0.24837	\$9,373	11,743	\$0.23537	\$2,764	\$0.24037	(\$0.00800)
17 Core Aggregation Transport (CAT):								
18 CAT Adder to Volumetric Rate	25,468	(\$0.00051)	(\$13)	13,319	\$0.00086	\$11		
19 Residential:								
20 BaseLine Rate		\$0.29140			\$0.30417		\$0.30917	\$0.01777
21 NonBaseLine Rate		\$0.47476			\$0.51071		\$0.51571	\$0.04095
22 Large Master Meter:								
23 BaseLine Rate		\$0.20837			\$0.18579		\$0.19079	(\$0.01758)
24 NonBaseLine Rate		\$0.29112			\$0.31172		\$0.31672	\$0.02560
25								
26 TOTAL RESIDENTIAL	2,546,850	\$0.45625	\$1,161,988	2,483,989	\$0.49191	\$1,221,892	\$0.49691	\$0.04066
27								
28 <u>CORE COMMERCIAL & INDUSTRIAL</u>								
29 Customer Charge 1	82,094	\$10.00	\$9,851	127,666	\$15.00	\$22,980		
30 Customer Charge 2	118,386	\$15.00	\$21,310	87,620	\$15.00	\$15,772		
31 Volumetric Transportation Rate								
32 Tier 1 = 250th/mo	161,001	\$0.46906	\$75,519	215,926	\$0.39131	\$84,495	\$0.39631	(\$0.07275)
33 Tier 2 = next 4167 th/mo	510,030	\$0.24611	\$125,523	488,341	\$0.21557	\$105,271	\$0.22057	(\$0.02554)
34 Tier 3 = over 4167 th/mo	163,604	\$0.05645	\$9,235	266,252	\$0.06606	\$17,590	\$0.07106	\$0.01461
35	834,635	\$0.28927	\$241,439	970,519	\$0.25358	\$246,107	\$0.25858	(\$0.03069)
36 Core Aggregation Transport (CAT):								
37 CAT Adder to Volumetric Rate	134,522	(\$0.00051)	(\$69)	17,488	\$0.00086	\$15		
38 Tier 1 = 250th/mo		\$0.46855			\$0.39217		\$0.39717	(\$0.07138)
39 Tier 2 = next 4167 th/mo		\$0.24560			\$0.21643		\$0.22143	(\$0.02417)
40 Tier 3 = over 4167 th/mo		\$0.05593			\$0.06693		\$0.07193	\$0.01600
41								
42 TOTAL CORE C&I	834,635	\$0.28919	\$241,370	970,519	\$0.25360	\$246,122	\$0.25860	(\$0.03059)

See footnotes Table 1

TABLE 3
Other Core Transportation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates			Proposed Rates			Proposal w/FAR (3)	
	Jan-1-08 Volumes Mth A	Jan-1-08 Rate \$/th B	Jan-1-08 Revenue \$000's C	BCAP Volumes Mth D	Rate \$/th E	Revenue \$000's F	Proposed Rate w/FAR G	rate change H
	NATURAL GAS VEHICLES (Proposed Rate is a Sempra-Wide rate)							
Customer Charge, P-1		\$13.00		229	\$13	\$36		
Customer Charge, P-2A		\$65.00		44	\$65	\$34		
Uncompressed Rate	24,350	\$0.08816	\$2,147	117,231	\$0.05198	\$6,093	\$0.05698	(\$0.03118)
Total Uncompressed NGV	24,350	\$0.08816	\$2,147	117,231	\$0.05257	\$6,163	\$0.05757	(\$0.03059)
Compressed Rate Adder		\$0.74624		1,484	\$0.85719	\$1,272		
TOTAL NGV SERVICE	24,350	\$0.08816	\$2,147	117,231	\$0.06343	\$7,436	\$0.06843	(\$0.01973)
RESIDENTIAL NATURAL GAS VEHICLES (optional rate)								
Customer Charge				5,455	\$10.00	\$655		
Uncompressed Rate				3,416	\$0.13189	\$450	\$0.13689	\$0.13689
				3,416	\$0.32355	\$1,105	\$0.32855	\$0.32855
NON-RESIDENTIAL GAS A/C								
Customer Charge	18	\$150.00	\$32	22	\$150	\$40		
Volumetric Rate	1,200	\$0.10403	\$125	1,210	\$0.01888	\$23	\$0.02388	(\$0.08015)
	1,200	\$0.13103	\$157	1,210	\$0.05159	\$62	\$0.05659	(\$0.07444)
Core Aggregation Transport (CAT):								
CAT Adder to Volumetric Rate	140	(\$0.00051)	(\$0)					
Gas A/C Rate		\$0.10352			\$0.01888		\$0.02388	(\$0.07964)
TOTAL A/C SERVICE	1,200	\$0.13097	\$157	1,210	\$0.05159	\$62	\$0.05659	(\$0.07438)
GAS ENGINES								
Customer Charge	698	\$50.00	\$419	1,094	\$50	\$656		
Volumetric	16,040	\$0.09603	\$1,540	18,080	\$0.08909	\$1,611	\$0.09409	(\$0.00194)
	16,040	\$0.12214	\$1,959	18,080	\$0.12539	\$2,267	\$0.13039	\$0.00825
Core Aggregation Transport (CAT):								
CAT Adder to Volumetric Rate	800	(\$0.00051)	(\$0)					
Gas Engine Rate		\$0.09552			\$0.08909		\$0.09409	(\$0.00143)
TOTAL GAS ENGINES	16,040	\$0.12211	\$1,959	18,080	\$0.12539	\$2,267	\$0.13039	\$0.00828

See footnotes Table 1

TABLE 4
Noncore Commercial & Industrial and Electric Generation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates			Proposed Rates			Proposal w/FAR (3)	
	Jan-1-08	Jan-1-08	Jan-1-08	BCAP Volumes	Rate	Revenue	Proposed Rate w/FAR	rate change
	Volumes	Rate	Revenue					
	Mth	\$/th	\$000's	Mth	\$/th	\$000's		
A	B	C	D	E	F	G	H	
1 <u>NonCore Commercial & Industrial Distribution Level</u>								
2 Customer Charge	1,140	\$350.00	\$4,788	670	\$350.00	\$2,816		
3								
4 <u>Volumetric Rates</u>								
5 Tier 1 = 250kth/yr	236,030	\$0.14022	\$33,097	116,175	\$0.10170	\$11,814	\$0.10670	(\$0.03353)
6 Tier 2 = 250k to 1000k	312,418	\$0.08509	\$26,583	200,990	\$0.06641	\$13,347	\$0.07141	(\$0.01368)
7 Tier 3 = 1 to 2 million th/yr	149,105	\$0.04982	\$7,428	80,455	\$0.04383	\$3,527	\$0.04883	(\$0.00098)
8 Tier 4 = over 2 million th/yr	458,470	\$0.02461	\$11,284	584,845	\$0.02770	\$16,201	\$0.03270	\$0.00809
9 Volumetric totals (excl itcs)	1,156,023	\$0.06781	\$78,391	982,465	\$0.04569	\$44,890	\$0.05069	(\$0.01712)
10 ITCS	1,156,023	(\$0.00005)	(\$55)					
11 NCCI - DISTRIBUTION LEVEL	1,156,023	\$0.07191	\$83,124	982,465	\$0.04856	\$47,706	\$0.05356	(\$0.01835)
12								
13 <u>NonCore Commercial & Industrial Transmission Level (2)</u>								
14 Customer Charge	22	\$700.00	\$189					
15 <u>Volumetric Rates</u>								
16 Tier 1 0-2,000,000 th/yr	24,319	\$0.10867	\$2,643					
17 Tier 2 over 2,000,000 th/yr	276,414	\$0.02098	\$5,799					
18 Volumetric totals (excl itcs)	300,733	\$0.02807	\$8,441					
19 ITCS	300,733	(\$0.00005)	(\$14)					
20 NCCI-TRANSMISSION LEVEL (2)	300,733	\$0.02865	\$8,616	457,697	\$0.02696	\$12,341	\$0.03196	\$0.00331
21								
22 TOTAL NONCORE C&I	1,456,756	\$0.06298	\$91,740	1,440,163	\$0.04169	\$60,047	\$0.04669	(\$0.01628)
23								
24 <u>ELECTRIC GENERATION</u>								
25								
26 <u>Small EG (proposed rates are for Distribution Level only)</u>								
27 Customer Charge	172	\$50.00	\$103	134	\$50.00	\$80		
28 Volumetric Rate (excl ITCS)	48,406	\$0.05852	\$2,833	60,420	\$0.06548	\$3,956	\$0.07048	\$0.01195
29	48,406	(\$0.00005)	(\$2)					
30 Total Volumetric Rate Tier 1	48,406	\$0.05848	\$2,831	60,420	\$0.06548	\$3,956	\$0.07048	\$0.01200
31 EG Distribution Level Tier 1	48,406	\$0.06061	\$2,934	60,420	\$0.06681	\$4,036	\$0.07181	\$0.01120
32								
33 <u>Large EG (proposed rates are for Distribution Level only)</u>								
34 Customer Charge	66	\$0.00	\$0	34	\$0.00	\$0		
35 Volumetric Rate (excl ITCS)	2,895,851	\$0.03471	\$100,528	551,795	\$0.03424	\$18,891	\$0.03924	\$0.00452
36	2,895,851	(\$0.00005)	(\$137)					
37 Total Volumetric Rate Tier 2	2,895,851	\$0.03467	\$100,391	551,795	\$0.03424	\$18,891	\$0.03924	\$0.00457
38 EG Distribution Level Tier 2	2,895,851	\$0.03467	\$100,391	551,795	\$0.03424	\$18,891	\$0.03924	\$0.00457
39 EG Distribution Level	2,944,257	\$0.03509	\$103,325	612,215	\$0.03745	\$22,928	\$0.04245	\$0.00736
40								
41 EG Transmission Level (2)				2,214,749	\$0.02973	\$65,841	\$0.03473	\$0.03473
42								
43 TOTAL ELECTRIC GENERATION	2,944,257	\$0.03509	\$103,325	2,826,964	\$0.03140	\$88,768	\$0.03640	\$0.00131
44								
45 <u>NonCore Distribution Level EOR</u>								
46 Customer Charge				14	\$500.00	\$84		
47 Volumetric Rate				80,880	\$0.03641	\$2,945	\$0.04141	
48				80,880	\$0.03745	\$3,029	\$0.04245	

See footnotes Table 1

TABLE 5
Transmission Level Service Transportation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates			Proposed Rates			Proposal w/FAR (3)		
	BCAP	Rate	Revenue @	BCAP	Rate	Revenue	Proposed Rate w/FAR	rate change	
	Volumes	\$/th	BCAP Vols	Volumes	\$/th	\$000's			
	Mth		\$000's	Mth, Mdth					
A	B	C	D	E	F	G	H		
Rate applicable to NonCore C&I, EOR & EG customer Classes:									
1	<u>Transmission Level Service</u>								
2	Straight Fixed Variable Rates								
3	Base Margin Items = Reservation Charge \$/dth/day			770	\$0.11008	\$30,941			
4	NonBase Margin Items = Usage Charge \$/th			2,382,985	\$0.01318	\$31,409			
5	Total Straight Fixed Variable			2,382,985	\$0.02616	\$62,350	\$0.03116		
6									
7	Volumetric Rates								
8	Base Margin Items = Volumetric Rate \$/th			289,462	\$0.04152	\$12,017			
9	NonBase Margin Items = Usage Charge \$/th			289,462	\$0.01318	\$3,815			
10	Total Volumetric Rate			289,462	\$0.05470	\$15,832	\$0.05970		
11									
12	Total Transmission Level Service (NCCI, EOR, EG)			2,672,447	\$0.02925	\$78,182	\$0.03425		
13									
14	Rate applicable to Wholesale & International customer Classes:								
15	<u>Transmission Level Service</u>								
16	Straight Fixed Variable Rates								
17	Base Margin Items = Reservation Charge \$/dth/day			107	\$0.10954	\$4,298			
18	NonBase Margin Items = Usage Charge \$/th			341,814	\$0.01312	\$4,483			
19	Total Straight Fixed Variable			341,814	\$0.02569	\$8,781	\$0.03069		
20									
21	Volumetric Rates								
22	Base Margin Items = Volumetric Rate \$/th			27,141	\$0.04131	\$1,121			
23	NonBase Margin Items = Usage Charge \$/th			27,141	\$0.01312	\$356			
24	Total Volumetric Rate			27,141	\$0.05443	\$1,477	\$0.05943		
25									
26	Total Transmission Level Service (WS & Int'l)			368,955	\$0.02780	\$10,258	\$0.03280		
27									
28	Average Rate applicable to all TLS customers:								
29	<u>Transmission Level Service</u>								
30	Straight Fixed Variable Rates								
31	Base Margin Items = Reservation Charge \$/dth/day			878	\$0.11001	\$35,238			
32	NonBase Margin Items = Usage Charge \$/th			2,724,799	\$0.01317	\$35,892			
33	Total Straight Fixed Variable			2,724,799	\$0.02610	\$71,130	\$0.03110		
34									
35	Volumetric Rates								
36	Base Margin Items = Volumetric Rate \$/th			316,603	\$0.04150	\$13,138			
37	NonBase Margin Items = Usage Charge \$/th			316,603	\$0.01317	\$4,171			
38	Total Volumetric Rate			316,603	\$0.05467	\$17,310	\$0.05967		
39									
40	Total Transmission Level Service			3,041,402	\$0.02908	\$88,440	\$0.03408		
41									
42									
43	Firm Access Rights								
44	FAR Reservation Charge \$/dth/day			2,906	\$0.05000	\$53,038			
45									

See footnotes Table 1

TABLE 1
Transportation Rate Revenues
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates (4)			Proposed Rates			Changes			Proposal w/FAR (3)	
	BCAP Revenue @	Present		BCAP	Proposed	Proposed	Revenue	Rate	% Rate	Proposed	\$0.00500
	Volumes	BCAP Vols	Rate	Volumes	Revenues	Rate	Change	Change	change	Rate	rate
	mtherms	\$000's	\$/therm	mtherms	\$000's	\$/therm	\$000's	\$/therm	%	w/FAR	change
	A	B	D	E	F	G	H	I	J	K	L
1 CORE											
2 Residential (5)	2,483,989	\$1,176,019	\$0.47344	2,483,989	\$1,221,892	\$0.49191	\$45,873	\$0.01847	3.9%	\$0.49691	\$0.02347
3 Commercial & Industrial (5)	970,519	\$267,580	\$0.27571	970,519	\$246,122	\$0.25360	(\$21,458)	(\$0.02211)	-8.0%	\$0.25860	(\$0.01711)
4 NGV - Pre SempraWide (1)				117,231	\$6,456	\$0.05507				\$0.06007	
5 SempraWide Adjustment					\$980						
6 NGV - Post SempraWide				117,231	\$7,436	\$0.06343				\$0.06843	
7 Gas A/C (5)	1,210	\$166	\$0.13675	1,210	\$62	\$0.05159	(\$103)	(\$0.08515)	-62.3%	\$0.05659	(\$0.08015)
8 Gas Engine (5)	18,080	\$2,393	\$0.13234	18,080	\$2,267	\$0.12539	(\$126)	(\$0.00694)	-5.2%	\$0.13039	(\$0.00194)
9 Total Core (5)	3,473,799	\$1,446,158	\$0.41630	3,591,030	\$1,477,779	\$0.41152	\$31,621	(\$0.00478)	-1.1%	\$0.41652	\$0.00022
10											
11 NONCORE COMMERCIAL & INDUSTRIAL											
12 Distribution Level Service (5)	982,465	\$51,794	\$0.05272	982,465	\$47,706	\$0.04856	(\$4,088)	(\$0.00416)	-7.9%	\$0.05356	\$0.00084
13 Transmission Level Service (2,5)	457,697	\$13,113	\$0.02865	457,697	\$12,341	\$0.02696	(\$772)	(\$0.00169)	-5.9%	\$0.03196	\$0.00331
14 Total Noncore C&I (5)	1,440,163	\$64,907	\$0.04507	1,440,163	\$60,047	\$0.04169	(\$4,860)	(\$0.00337)	-7.5%	\$0.04669	\$0.00163
15											
16 NONCORE ELECTRIC GENERATION											
17 Distribution Level Service (2008 is all EG, no separate transmission rate in 2008)											
18 Pre Sempra Wide				612,215	\$21,031	\$0.03435				\$0.03935	
19 Sempra Wide Adjustment					\$1,896						
20 Post Sempra Wide				612,215	\$22,928	\$0.03745				\$0.04245	
21 Transmission Level Service (2)				2,214,749	\$65,841	\$0.02973				\$0.03473	
22 Total Electric Generation (5)	2,826,964	\$99,209	\$0.03509	2,826,964	\$88,768	\$0.03140	(\$10,441)	(\$0.00369)	-10.5%	\$0.03640	\$0.00131
23											
24 WHOLESALE & INTERNATIONAL											
25 Wholesale Long Beach (2)	117,093	\$3,896	\$0.03327	117,093	\$3,322	\$0.02837	(\$574)	(\$0.00490)	-14.7%	\$0.03337	\$0.00010
26 SDGE Wholesale	1,230,285	\$12,440	\$0.01011	1,230,285	\$19,078	\$0.01551	\$6,638	\$0.00540	53.4%	\$0.02051	\$0.01040
27 Wholesale SWG (2)	81,737	\$2,538	\$0.03106	81,737	\$2,623	\$0.03209	\$85	\$0.00103	3.3%	\$0.03709	\$0.00603
28 Wholesale Vernon (2)	116,135	\$3,245	\$0.02794	116,135	\$2,946	\$0.02536	(\$299)	(\$0.00258)	-9.2%	\$0.03036	\$0.00242
29 International (2)	53,990	\$1,616	\$0.02993	53,990	\$1,368	\$0.02533	(\$248)	(\$0.00460)	-15.4%	\$0.03033	\$0.00040
30 Total Wholesale & International (5)	1,599,240	\$23,735	\$0.01484	1,599,240	\$29,336	\$0.01834	\$5,601	\$0.00350	23.6%	\$0.02334	\$0.00850
31											
32 TOTAL NONCORE (5)	5,866,366	\$187,851	\$0.03202	5,866,366	\$178,151	\$0.03037	(\$9,700)	(\$0.00165)	-5.2%	\$0.03537	\$0.00335
33 Unalloc.Costs to NSBA		\$15,683					(\$15,683)				
34 Unbundled Storage		\$21,000			\$29,017		\$8,017				
35											
36 Total (excluding FAR) (5)	9,340,165	\$1,670,691	\$0.17887	9,457,396	\$1,684,947	\$0.17816	\$14,256	(\$0.00071)	-0.4%	\$0.18316	\$0.00429
37											
38 FAR Revenues					\$53,038						
39											
40 SYSTEM TOTALw/SL,FAR,TLS,SW (5)	9,340,165	\$1,670,691	\$0.17887	9,457,396	\$1,737,985	\$0.18377	\$67,294	\$0.00490	2.7%		
41 EOR Revenues				156,187	\$4,162	\$0.02665					
42											
43 Total w/EOR Throughput				9,613,583							

- Under present rates, NGV is not directly allocated costs and is not calculated on Sempra-Wide basis. It is not shown in Table 1. See Table 3 for Present NGV Rates.
- These proposed costs and rates for Transmission Level Service customers represents the average transmission rate and revenue of each class. See Table 5 for actual transmission level service rate.
- FAR charge is proposed as a separate rate. Core will pay through procurement rate, noncore as a separate charge. To make comparison to present rates, this column reflects FAR charge added to each rate. Average rate paid will vary based on capacity reserved and volumes used. 100% load factors is implied in column. See Table 5 for actual FAR charge.
- Present revenue is shown as Present Rate * Proposed Volumes. This is done for each rate by tier.
- Subtotals and system total rates indicated in present rate column are not the actual present rates. They are the average rate based on revenues which were calculated for each tier using actual present rate.

TABLE 2
Core Transportation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates (4)			Proposed Rates			Proposal w/FAR (3)	
	BCAP Volumes	Rate	Revenue @	BCAP Volumes	Rate	Revenue	Proposed Rate	rate change
	Mth	\$/th	BCAP Vols \$000's	Mth	\$/th	\$000's	w/FAR	
	A	B	C	D	E	F	G	H
1 <u>RESIDENTIAL SERVICE</u>								
2 <u>Customer Charge</u>								
3 Single Family	3,676,464	\$5.00	\$220,588	3,676,464	\$5.00	\$220,588		
4 Multi-Family	1,685,965	\$5.00	\$101,158	1,685,965	\$5.00	\$101,158		
5 Small Master Meter	92,860	\$5.00	\$5,572	92,860	\$5.00	\$5,572		
6 Submeter Credit-\$/unit/day	149,095	(\$0.3081)	(\$16,764)	149,095	(\$0.30805)	(\$16,764)		
7 <u>Volumetric Transportation Rate</u>								
8 Baseline Rate	1,703,882	\$0.29191	\$497,380	1,703,882	\$0.30331	\$516,810	\$0.30831	\$0.01640
9 Non-Baseline Rate	768,363	\$0.47528	\$365,188	768,363	\$0.50985	\$391,753	\$0.51485	\$0.03957
10 total (5)	2,472,246	\$0.47452	\$1,173,121	2,472,246	\$0.49312	\$1,219,116	\$0.49812	\$0.02360
11 composite rate ratio=					1.05			
12 <u>Large Master Meter</u>								
13 Customer Charge	61	\$308.92	\$226	61	\$339.80	\$249		
14 Baseline Rate	9,017	\$0.20888	\$1,883	9,017	\$0.18493	\$1,668	\$0.18993	(\$0.01895)
15 Non-Baseline Rate	2,726	\$0.29163	\$795	2,726	\$0.31086	\$848	\$0.31586	\$0.02423
16 total (5)	11,743	\$0.24737	\$2,905	11,743	\$0.23537	\$2,764	\$0.24037	(\$0.00700)
17 <u>Core Aggregation Transport (CAT):</u>								
18 CAT Adder to Volumetric Rate	13,319	(\$0.00051)	(\$7)	13,319	\$0.00086	\$11		
19 Residential:								
20 BaseLine Rate		\$0.29140			\$0.30417		\$0.30917	\$0.01777
21 NonBaseLine Rate		\$0.47477			\$0.51071		\$0.51571	\$0.04094
22 Large Master Meter:								
23 BaseLine Rate		\$0.20837			\$0.18579		\$0.19079	(\$0.01758)
24 NonBaseLine Rate		\$0.29112			\$0.31172		\$0.31672	\$0.02560
25								
26 TOTAL RESIDENTIAL (5)	2,483,989	\$0.47344	\$1,176,019	2,483,989	\$0.49191	\$1,221,892	\$0.49691	\$0.02347
27								
28 <u>CORE COMMERCIAL & INDUSTRIAL</u>								
29 Customer Charge 1	127,666	\$10.00	\$15,320	127,666	\$15.00	\$22,980		
30 Customer Charge 2	87,620	\$15.00	\$15,772	87,620	\$15.00	\$15,772		
31 <u>Volumetric Transportation Rate</u>								
32 Tier 1 = 250th/mo	215,926	\$0.46906	\$101,282	215,926	\$0.39131	\$84,495	\$0.39631	(\$0.07275)
33 Tier 2 = next 4167 th/mo	488,341	\$0.24611	\$120,186	488,341	\$0.21557	\$105,271	\$0.22057	(\$0.02554)
34 Tier 3 = over 4167 th/mo	266,252	\$0.05645	\$15,030	266,252	\$0.06606	\$17,590	\$0.07106	\$0.01461
35 total (5)	970,519	\$0.27572	\$267,589	970,519	\$0.25358	\$246,107	\$0.25858	(\$0.01714)
36 <u>Core Aggregation Transport (CAT):</u>								
37 CAT Adder to Volumetric Rate	17,488	(\$0.00051)	(\$9)	17,488	\$0.00086	\$15		
38 Tier 1 = 250th/mo		\$0.46855			\$0.39217		\$0.39717	(\$0.07138)
39 Tier 2 = next 4167 th/mo		\$0.24560			\$0.21643		\$0.22143	(\$0.02417)
40 Tier 3 = over 4167 th/mo		\$0.05594			\$0.06693		\$0.07193	\$0.01599
41								
42 TOTAL CORE C&I (5)	970,519	\$0.27571	\$267,580	970,519	\$0.25360	\$246,122	\$0.25860	(\$0.01711)

See footnotes Table 1

TABLE 3
Other Core Transportation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates (4)			Proposed Rates			Proposal w/FAR (3)		
	BCAP Volumes Mth	Rate \$/th	Revenue @ BCAP Vols \$000's	BCAP Volumes Mth	Rate \$/th	Revenue \$000's	Proposed Rate w/FAR	rate change	
	A	B	C	D	E	F	G	H	
1	<u>NATURAL GAS VEHICLES (Proposed Rate is a Sempra-Wide rate)</u>								
2	Customer Charge, P-1	229	\$13.00	\$36	229	\$13	\$36		
3	Customer Charge, P-2A	44	\$65.00	\$34	44	\$65	\$34		
4	Uncompressed Rate	117,231	\$0.08816	\$10,335	117,231	\$0.05198	\$6,093	\$0.05698	(\$0.03118)
5	Total Uncompressed NGV (5)	117,231	\$0.08876	\$10,405	117,231	\$0.05257	\$6,163	\$0.05757	(\$0.03118)
6	Compressed Rate Adder	1,484	\$0.74624	\$1,108	1,484	\$0.85719	\$1,272		
7	TOTAL NGV SERVICE (5)	117,231	\$0.09821	\$11,513	117,231	\$0.06343	\$7,436	\$0.06843	(\$0.02978)
8	<u>RESIDENTIAL NATURAL GAS VEHICLES (optional rate)</u>								
9	Customer Charge			\$40	5,455	\$10.00	\$655		
10	Uncompressed Rate			\$126	3,416	\$0.13189	\$450	\$0.13689	
11				\$166	3,416	\$0.32355	\$1,105	\$0.32855	\$0.32855
12	<u>NON-RESIDENTIAL GAS A/C</u>								
13	Customer Charge	22	\$150.00	\$40	22	\$150	\$40		
14	Volumetric Rate	1,210	\$0.10403	\$126	1,210	\$0.01888	\$23	\$0.02388	(\$0.08015)
15	total (5)	1,210	\$0.13675	\$166	1,210	\$0.05159	\$62	\$0.05659	(\$0.08015)
16	Core Aggregation Transport (CAT):			\$0					
17	CAT Adder to Volumetric Rate	0	(\$0.00051)	\$0					
18	Gas A/C Rate	0	\$0.10352	\$0		\$0.01888	\$0.02388	(\$0.07964)	
19	TOTAL A/C SERVICE (5)	1,210	\$0.13675	\$166	1,210	\$0.05159	\$62	\$0.05659	(\$0.08015)
20	<u>GAS ENGINES</u>								
21	Customer Charge	1,094	\$50.00	\$656	1,094	\$50	\$656		
22	Volumetric	18,080	\$0.09603	\$1,736	18,080	\$0.08909	\$1,611	\$0.09409	(\$0.00194)
23	total (5)	18,080	\$0.13234	\$2,393	18,080	\$0.12539	\$2,267	\$0.13039	(\$0.00194)
24	Core Aggregation Transport (CAT):			\$0					
25	CAT Adder to Volumetric Rate	0	(\$0.00051)	\$0					
26	Gas Engine Rate	0	\$0.09552	\$0		\$0.08909	\$0.09409	(\$0.00143)	
27	TOTAL GAS ENGINES (5)	18,080	\$0.13234	\$2,393	18,080	\$0.12539	\$2,267	\$0.13039	(\$0.00194)

See footnotes Table 1

TABLE 4
Noncore Commercial & Industrial and Electric Generation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates (4)			Proposed Rates			Proposal w/FAR (3)	
	BCAP Volumes	Rate	Revenue @ BCAP Vols	BCAP Volumes	Rate	Revenue	Proposed Rate w/FAR	rate change
	Mth	\$/th	\$000's	Mth	\$/th	\$000's		
	A	B	C	D	E	F	G	H
<u>NonCore Commercial & Industrial Distribution Level</u>								
Customer Charge	670	\$350.00	\$2,816	670	\$350.00	\$2,816		
<u>Volumetric Rates</u>								
Tier 1 = 250kth/yr	116,175	\$0.14022	\$16,291	116,175	\$0.10170	\$11,814	\$0.10670	(\$0.03353)
Tier 2 = 250k to 1000k	200,990	\$0.08509	\$17,102	200,990	\$0.06641	\$13,347	\$0.07141	(\$0.01368)
Tier 3 = 1 to 2 million th/yr	80,455	\$0.04982	\$4,008	80,455	\$0.04383	\$3,527	\$0.04883	(\$0.00098)
Tier 4 = over 2 million th/yr	584,845	\$0.02461	\$14,394	584,845	\$0.02770	\$16,201	\$0.03270	\$0.00809
Volumetric totals (excl itcs) (5)	982,465	\$0.05272	\$51,794	982,465	\$0.04569	\$44,890	\$0.05069	(\$0.00203)
ITCS	0	(\$0.00005)	\$0					
NCCI - DISTRIBUTION LEVEL (5)	982,465	\$0.05272	\$51,794	982,465	\$0.04856	\$47,706	\$0.05356	\$0.00084
<u>NonCore Commercial & Industrial Transmission Level</u>								
Customer Charge								
<u>Volumetric Rates</u>								
Tier 1 0-2,000,000 th/yr								
Tier 2 over 2,000,000 th/yr								
Volumetric totals (excl itcs)								
ITCS								
NCCI-TRANSMISSION LEVEL (2)	457,697	\$0.02865	\$13,113	457,697	\$0.02696	\$12,341	\$0.03196	\$0.00331
TOTAL NONCORE C&I (5)	1,440,163	\$0.04507	\$64,907	1,440,163	\$0.04169	\$60,047	\$0.04669	\$0.00163
<u>ELECTRIC GENERATION</u>								
<u>Small EG (proposed rates are for Distribution Level only)</u>								
Customer Charge				134	\$50.00	\$80		
Volumetric Rate (excl ITCS)				60,420	\$0.06548	\$3,956	\$0.07048	
Total Volumetric Rate Tier 1				60,420	\$0.06548	\$3,956	\$0.07048	
EG Distribution Level Tier 1				60,420	\$0.06681	\$4,036	\$0.07181	
<u>Large EG (proposed rates are for Distribution Level only)</u>								
Customer Charge				34	\$0.00	\$0		
Volumetric Rate (excl ITCS)				551,795	\$0.03424	\$18,891	\$0.03924	
Total Volumetric Rate Tier 2				551,795	\$0.03424	\$18,891	\$0.03924	
EG Distribution Level Tier 2				551,795	\$0.03424	\$18,891	\$0.03924	
EG Distribution Level				612,215	\$0.03745	\$22,928	\$0.04245	
EG Transmission Level (2)				2,214,749	\$0.02973	\$65,841	\$0.03473	
TOTAL ELECTRIC GENERATION	2,826,964	\$0.03509	\$99,209	2,826,964	\$0.03140	\$88,768	\$0.03640	\$0.00131
<u>NonCore Distribution Level EOR</u>								
Customer Charge				14	\$500.00	\$84		
Volumetric Rate				80,880	\$0.03641	\$2,945	\$0.04141	
				80,880	\$0.03745	\$3,029	\$0.04245	

See footnotes Table 1

TABLE 5
Transmission Level Service Transportation Rates
Southern California Gas Company
2009 BIENNIAL COST ALLOCATION PROCEEDING

v10-3-2008 Embedded Cost

	Present Rates			Proposed Rates			Proposal w/FAR (3)		
	BCAP Volumes Mth	Rate \$/th	Revenue @ BCAP Vols \$000's	BCAP Volumes Mth	Rate \$/th	Revenue \$000's	Proposed Rate w/FAR	rate change	
	A	B	C	D	E	F	G	H	
Rate applicable to NonCore C&I, EOR & EG customer Classes:									
1	<u>Transmission Level Service</u>								
2	Straight Fixed Variable Rates								
3	Base Margin Items = Reservation Charge \$/dth/day			770	\$0.11008	\$30,941			
4	NonBase Margin Items = Usage Charge \$/th			2,382,985	\$0.01318	\$31,409			
5	Total Straight Fixed Variable			2,382,985	\$0.02616	\$62,350	\$0.03116		
6									
7	Volumetric Rates								
8	Base Margin Items = Volumetric Rate \$/th			289,462	\$0.04152	\$12,017			
9	NonBase Margin Items = Usage Charge \$/th			289,462	\$0.01318	\$3,815			
10	Total Volumetric Rate			289,462	\$0.05470	\$15,832	\$0.05970		
11									
12	Total Transmission Level Service (NCCI, EOR, EG)			2,672,447	\$0.02925	\$78,182	\$0.03425		
13									
14	Rate applicable to Wholesale & International customer Classes:								
15	<u>Transmission Level Service</u>								
16	Straight Fixed Variable Rates								
17	Base Margin Items = Reservation Charge \$/dth/day			107	\$0.10954	\$4,298			
18	NonBase Margin Items = Usage Charge \$/th			341,814	\$0.01312	\$4,483			
19	Total Straight Fixed Variable			341,814	\$0.02569	\$8,781	\$0.03069		
20									
21	Volumetric Rates								
22	Base Margin Items = Volumetric Rate \$/th			27,141	\$0.04131	\$1,121			
23	NonBase Margin Items = Usage Charge \$/th			27,141	\$0.01312	\$356			
24	Total Volumetric Rate			27,141	\$0.05443	\$1,477	\$0.05943		
25									
26	Total Transmission Level Service (WS & Int'l)			368,955	\$0.02780	\$10,258	\$0.03280		
27									
28	Average Rate applicable to all TLS customers:								
29	<u>Transmission Level Service</u>								
30	Straight Fixed Variable Rates								
31	Base Margin Items = Reservation Charge \$/dth/day			878	\$0.11001	\$35,238			
32	NonBase Margin Items = Usage Charge \$/th			2,724,799	\$0.01317	\$35,892			
33	Total Straight Fixed Variable			2,724,799	\$0.02610	\$71,130	\$0.03110		
34									
35	Volumetric Rates								
36	Base Margin Items = Volumetric Rate \$/th			316,603	\$0.00011	\$13,138			
37	NonBase Margin Items = Usage Charge \$/th			316,603	\$0.01317	\$4,171			
38	Total Volumetric Rate			316,603	\$0.05467	\$17,310	\$0.05967		
39									
40	Total Transmission Level Service			3,041,402	\$0.02908	\$88,440	\$0.03408		
41									
42									
43	<u>Firm Access Rights</u>								
44	FAR Reservation Charge \$/dth/day			2,906	\$0.05000	\$53,038			
45									

See footnotes Table 1

Summary Tables for SCG Rate Design Testimony
v10-3-2008 Embedded Cost

Table 1

	Present Rates	Proposed Rates	Increase (decrease)	% increase (decrease)
Residential	\$0.456	\$0.492	\$0.036	8%
Core C&I	\$0.289	\$0.254	(\$0.036)	-12%
Noncore C&I	\$0.063	\$0.042	(\$0.021)	-34%
Electric Generation	\$0.035	\$0.031	(\$0.004)	-11%
Wholesale & International	\$0.013	\$0.018	\$0.005	38%
Firm Access Rights	\$0.000	\$0.005	\$0.005	n/a
System Total	\$0.175	\$0.184	\$0.009	5%

Table 2 includes FAR

	Present Rates	Proposed Rates	Increase (decrease)	% increase (decrease)
Residential	\$0.456	\$0.497	\$0.041	9%
Core C&I	\$0.289	\$0.259	(\$0.031)	-11%
Noncore C&I	\$0.063	\$0.047	(\$0.016)	-26%
Electric Generation	\$0.035	\$0.036	\$0.001	4%
Wholesale & International	\$0.013	\$0.023	\$0.010	76%
System Total	\$0.175	\$0.184	\$0.009	5%

Reconcile with "as-filed 2/4/2008" version

	Present Rates	as filed 2/4/2008 Embedded	v10-3-2008 Embedded Cost	Increase (decrease) from filed	
Transport Rates (Incl FAR)					
Residential	\$0.456	\$0.493	\$0.497	\$0.004	
Core C&I	\$0.289	\$0.262	\$0.259	(\$0.003)	
Noncore C&I	\$0.063	\$0.048	\$0.047	(\$0.001)	
Electric Generation	\$0.035	\$0.036	\$0.036	\$0.000	
Wholesale & International	\$0.013	\$0.025	\$0.023	(\$0.002)	
System Total	\$0.175	\$0.183	\$0.184	\$0.001	
SCG \$millions	\$1,660	\$1,727	\$1,738	\$11	<i>SDGE FAR=+7 & Aliso</i>
SDGE \$millions	\$271	\$261	\$253	(\$8)	<i>SDGE FAR to SCG= (7)</i>
	\$1,931	\$1,987	\$1,991	\$3	
TLS Rate (excl FAR)					
reservation \$/dth/day	n/a	\$0.136	\$0.110	(\$0.026)	<i>larger capacity to set rate</i>
usage \$/th	n/a	\$0.013	\$0.013	\$0.000	
Volumetric & usage \$/th	n/a	\$0.036	\$0.055	\$0.019	<i>lower reservation \$'s</i>

Reconcile with July update

	July Update Embedded	v10-3-2008 Embedded Cost	Increase (decrease) from filed	
Transport Rates (Incl FAR)				
Residential	\$0.494	\$0.497	\$0.003	
Core C&I	\$0.260	\$0.259	(\$0.002)	
Noncore C&I	\$0.048	\$0.047	(\$0.001)	
Electric Generation	\$0.037	\$0.036	(\$0.000)	
Wholesale & International	\$0.023	\$0.023	\$0.000	
System Total	\$0.183	\$0.184	\$0.001	
SCG \$millions	\$1,733	\$1,738	\$5	<i>Also added to margin</i>
SDGE \$millions	\$253	\$253	(\$0)	
	\$1,986	\$1,991	\$5	
TLS Rate (excl FAR)				
reservation \$/dth/day	\$0.110	\$0.110	\$0.000	
usage \$/th	\$0.013	\$0.013	\$0.000	
Volumetric & usage \$/th	\$0.055	\$0.055	\$0.000	

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	System Total			Res		
	Jan-1-08	BCAP	Increase	Jan-1-08	BCAP	Increase
	Revenue	Revenue	(Decrease)	Revenue	Revenue	(Decrease)
Customer Costs	\$684,838	\$958,489	\$273,650	\$575,222	\$842,797	\$267,574
Distribution Costs	\$589,646	\$318,108	(\$271,538)	\$448,446	\$244,898	(\$203,548)
Storage	\$139,309	\$86,985	(\$52,324)	\$69,250	\$38,123	(\$31,126)
Marketing	\$24,137	\$41,413	\$17,276	\$14,202	\$22,600	\$8,398
Other	\$4,894	\$0	(\$4,894)	\$3,850	\$0	(\$3,850)
Integrated Transmission Cost	\$141,386	\$131,278	(\$10,108)	\$45,608	\$51,388	\$5,779
FAR Revenue		\$53,038	\$53,038		\$13,724	\$13,724
	\$1,584,211	\$1,589,311	\$5,100	\$1,156,579	\$1,213,530	\$56,951
Co Use Trans	\$10,040	\$15,173	\$5,133	\$2,994	\$4,498	\$1,504
UAF	\$32,831	\$66,996	\$34,164	\$23,110	\$32,920	\$9,810
Other Operate Costs	(\$300)	\$6,528	\$6,827	(\$1,905)	\$1,690	\$3,595
Transition Costs	(\$288)	\$0	\$288	\$0	\$0	(\$0)
Reg Accts	\$52,986	\$57,254	\$4,268	\$6,652	\$15,842	\$9,189
CCSI	\$1,655		(\$1,655)	\$1,289		(\$1,289)
EOR Revenue	(\$22,780)	(\$3,984)	\$18,796		\$384	\$384
Core Averaging			\$0	(\$26,732)	(\$33,248)	(\$6,517)
cogen parity			\$0			\$0
SW Adjustment -NGV		\$980	\$980			\$0
SW Adjustment -EG	\$1,452	\$1,896	\$444			\$0
TLS Rates:						
less allocated csost		(\$84,608)	(\$84,608)			\$0
plus TLS charges		\$88,440	\$88,440			
Net TLS Impact	\$0	\$3,832	\$3,832	\$0	\$0	\$0
Revenue Recovered in Rates	\$1,659,808	\$1,737,985	\$78,177	\$1,161,988	\$1,235,616	\$73,628
<i>Verificatuion with Rate Tables</i>						
<i>Revenue Recovered in Rates per RATE TABLES</i>	\$1,659,808	\$1,684,947	\$25,139	\$1,161,988	\$1,221,892	\$59,904
<i>plus FAR revenue</i>	\$0	\$53,038	\$53,038		\$13,724	\$13,724
<i>Total Rev Req per Rate Tables</i>	\$1,659,808	\$1,737,985	\$78,177	\$1,161,988	\$1,235,616	\$73,628
<i>verify reconciliation, should be zero</i>	(\$0)	(\$0)	(\$0)	\$0	(\$0)	(\$0)
AYTP Mth/yr	9,502,953	9,457,396	(45,557)	2,546,852	2,483,989	(62,863)
Average Rate \$/th	\$0.175	\$0.184	\$0.009	\$0.456	\$0.497	\$0.041
% Class Average Rate Change			5.2%			9.0%
Change in Rates due to Volumes			\$0.001			\$0.012
Change in rates due to Costs			\$0.008			\$0.030
<i>Rate Change</i>			<i>increase</i>			<i>increase</i>
<i>change in volumes cause rates to</i>			<i>increase</i>			<i>increase</i>
<i>change in costs cause rates to</i>			<i>increase</i>			<i>increase</i>

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	Core C&I					A/C		
	Jan-1-08	Jan-1-08	Jan-1-08	BCAP	Increase (Decrease)	Jan-1-08	BCAP	Increase (Decrease)
	G10	G20	Revenue	Revenue		Revenue	Revenue	
Customer Costs	\$88,092	\$198	\$88,290	\$100,683	\$12,393	\$67	\$17	(\$50)
Distribution Costs	\$87,935	\$2,891	\$90,826	\$53,374	(\$37,452)	\$59	\$4	(\$54)
Storage	\$12,512	\$609	\$13,121	\$7,209	(\$5,912)	\$4	\$1	(\$3)
Marketing	\$4,330	\$135	\$4,465	\$14,848	\$10,383	\$3	\$0	(\$3)
Other	\$671	\$13	\$684	\$0	(\$684)	\$0	\$0	(\$0)
Integrated Transmission Cost	\$13,207	\$758	\$13,965	\$15,830	\$1,864	\$19	\$14	(\$5)
FAR Revenue				\$5,362	\$5,362		\$7	\$7
	\$206,746	\$4,605	\$211,351	\$197,305	(\$14,046)	\$153	\$44	(\$109)
Co Use Trans	\$926	\$55	\$981	\$1,758	\$776	\$1	\$2	\$1
UAF	\$687	(\$122)	\$565	\$12,862	\$12,297	\$1	\$16	\$15
Other Operate Costs	(\$869)	(\$47)	(\$916)	\$660	\$1,576	(\$2)	\$1	\$2
Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Reg Accts	\$2,166	\$134	\$2,300	\$5,589	\$3,289	\$3	\$6	\$3
CCSI	\$343	\$15	\$358		(\$358)	\$1		(\$1)
EOR Revenue			\$0	\$61	\$61		\$0	\$0
Core Averaging	\$26,732	\$0	\$26,732	\$33,248	\$6,517	\$0		\$0
cogen parity			\$0		\$0			\$0
SW Adjustment -NGV					\$0			\$0
SW Adjustment -EG					\$0			\$0
TLS Rates:								
less allocated csost					\$0			\$0
plus TLS charges								
Net TLS Impact	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Recovered in Rates	\$236,730	\$4,641	\$241,371	\$251,484	\$10,113	\$157	\$69	(\$88)
<i>Verificatuion with Rate Tables</i>								
Revenue Recovered in Rates per RATE TABLES			\$241,371	\$246,122	\$4,751	\$157	\$62	(\$95)
plus FAR revenue				\$5,362	\$5,362		\$7	\$7
Total Rev Req per Rate Tables			\$241,371	\$251,484	\$10,113	\$157	\$69	(\$88)
verify reconciliation, should be zero		(\$0)	\$0	\$0	\$0	(\$0)	\$0	\$0
AYTP Mth/yr	787,780	46,855	834,635	970,519	135,884	1,200	1,210	10
Average Rate \$/th			\$0.289	\$0.259	(\$0.030)	\$0.131	\$0.057	(\$0.074)
% Class Average Rate Change					-10.4%			-56.4%
Change in Rates due to Volumes					(\$0.040)			(\$0.001)
Change in rates due to Costs					\$0.010			(\$0.073)
Rate Change					decrease			decrease
change in volumes cause rates to					decrease			decrease
change in costs cause rates to					increase			decrease

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	Gas Engine			NGV		
	Jan-1-08	BCAP	Increase	Jan-1-08	BCAP	Increase
	Revenue	Revenue	(Decrease)	Revenue	Revenue	(Decrease)
Customer Costs	\$1,425	\$1,480	\$55	\$192	\$952	\$760
Distribution Costs	\$152	\$183	\$30	\$1,305	\$594	(\$711)
Storage	\$23	\$29	\$6	\$134	\$141	\$7
Marketing	\$33	\$7	(\$26)		\$743	\$743
Other	\$6	\$0	(\$6)	\$5	\$0	(\$5)
Integrated Transmission Cost	\$253	\$184	(\$69)	\$384	\$1,552	\$1,168
FAR Revenue		\$100	\$100		\$648	\$648
	\$1,892	\$1,983	\$91	\$2,021	\$4,630	\$2,609
Co Use Trans	\$19	\$33	\$14		\$212	\$212
UAF	\$8	\$240	\$232		\$1,554	\$1,554
Other Operate Costs	(\$13)	\$12	\$26	\$58	\$80	\$22
Transition Costs	\$0	\$0	\$0		\$0	\$0
Reg Accts	\$46	\$99	\$53	\$55	\$626	\$571
CCSI	\$8		(\$8)	\$12		(\$12)
EOR Revenue		\$1	\$1		\$1	\$1
Core Averaging	\$0		\$0			\$0
cogen parity			\$0			\$0
SW Adjustment -NGV			\$0		\$980	\$980
SW Adjustment -EG			\$0			\$0
TLS Rates:						
less allocated csost			\$0			\$0
plus TLS charges						
Net TLS Impact	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Recovered in Rates	\$1,959	\$2,367	\$408	\$2,146	\$8,084	\$5,938
<i>Verificatuion with Rate Tables</i>						
Revenue Recovered in Rates per RATE TABLES	\$1,959	\$2,267	\$308	\$2,147	\$7,436	\$5,289
plus FAR revenue		\$100	\$100		\$648	\$648
Total Rev Req per Rate Tables	\$1,959	\$2,367	\$408	\$2,147	\$8,084	\$5,937
<i>verify reconciliation, should be zero</i>	(\$0)	\$0	(\$0)	(\$1)	\$0	\$1
AYTP Mth/yr	16,040	18,080	2,040	24,350	117,231	92,881
Average Rate \$/th	\$0.122	\$0.131	\$0.009	\$0.088	\$0.069	(\$0.019)
% Class Average Rate Change			7.2%			-21.8%
Change in Rates due to Volumes			(\$0.014)			(\$0.070)
Change in rates due to Costs			\$0.023			\$0.051
Rate Change			increase			decrease
change in volumes cause rates to			decrease			decrease
change in costs cause rates to			increase			increase

**Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost**

	CORE (2008 Excl NGV)		
	Jan-1-08	BCAP	Increase
	Revenue	Revenue	(Decrease)
Customer Costs	\$665,004	\$945,929	\$280,925
Distribution Costs	\$539,483	\$299,053	(\$240,430)
Storage	\$82,398	\$45,503	(\$36,894)
Marketing	\$18,703	\$38,198	\$19,495
Other	\$4,540	\$0	(\$4,540)
Integrated Transmission Cost	\$59,846	\$68,967	\$9,122
FAR Revenue	\$0	\$19,840	\$19,840
	\$1,369,974	\$1,417,491	\$47,517
Co Use Trans	\$3,996	\$6,503	\$2,507
UAF	\$23,683	\$47,592	\$23,908
Other Operate Costs	(\$2,835)	\$2,443	\$5,278
Transition Costs	\$0	\$0	\$0
Reg Accts	\$9,002	\$22,163	\$13,161
CCSI	\$1,655	\$0	(\$1,655)
EOR Revenue	\$0	\$448	\$448
Core Averaging	\$0	\$0	\$0
cogen parity	\$0	\$0	\$0
SW Adjustment -NGV	\$0	\$980	\$980
SW Adjustment -EG	\$0	\$0	\$0
TLS Rates:			
less allocated csost	\$0	\$0	\$0
plus TLS charges	\$0	\$0	\$0
Net TLS Impact	\$0	\$0	\$0
Revenue Recovered in Rates	\$1,405,475	\$1,497,619	\$92,145
<i>Verificatuion with Rate Tables</i>			
<i>Revenue Recovered in Rates per RATE TABLES</i>	<i>\$1,405,475</i>	<i>\$1,477,779</i>	<i>\$72,304</i>
<i>plus FAR revenue</i>	<i>\$0</i>	<i>\$19,840</i>	<i>\$19,840</i>
Total Rev Req per Rate Tables	\$1,405,475	\$1,497,620	\$92,145
<i>verify reconciliation, should be zero</i>	<i>(\$0)</i>	<i>(\$0)</i>	<i>(\$0)</i>
AYTP Mth/yr	3,398,727	3,591,030	192,303
Average Rate \$/th	\$0.414	\$0.417	\$0.004
% Class Average Rate Change			0.8%
Change in Rates due to Volumes			(\$0.022)
Change in rates due to Costs			\$0.026
<i>Rate Change</i>			<i>increase</i>
<i>change in volumes cause rates to</i>			<i>decrease</i>
<i>change in costs cause rates to</i>			<i>increase</i>

**Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost**

	NCCI		
	Jan-1-08	BCAP	
	Revenue	Revenue	Increase (Decrease)
Customer Costs	\$10,187	\$5,880	(\$4,307)
Distribution Costs	\$37,872	\$14,943	(\$22,929)
Storage	\$3,803	\$1,531	(\$2,272)
Marketing	\$3,008	\$935	(\$2,073)
Other	\$191	\$0	(\$191)
Integrated Transmission Cost	\$23,193	\$19,745	(\$3,449)
FAR Revenue		\$7,957	\$7,957
	<u>\$78,254</u>	<u>\$50,990</u>	<u>(\$27,263)</u>
Co Use Trans	\$1,713	\$2,608	\$895
UAF	\$775	\$4,648	\$3,873
Other Operate Costs	\$555	\$979	\$424
Transition Costs	(\$69)	\$0	\$69
Reg Accts	\$10,511	\$8,932	(\$1,579)
CCSI	\$0		\$0
EOR Revenue		\$14	\$14
Core Averaging	\$0		\$0
cogen parity			\$0
SW Adjustment -NGV			\$0
SW Adjustment -EG			\$0
TLS Rates:			
less allocated csost		(\$12,510)	(\$12,510)
plus TLS charges		\$12,341	\$12,341
Net TLS Impact	\$0	(\$169)	(\$169)
Revenue Recovered in Rates	<u>\$91,740</u>	<u>\$68,004</u>	<u>(\$23,736)</u>
<i>Verificatuion with Rate Tables</i>			
<i>Revenue Recovered in Rates per RATE TABLES</i>	\$91,740	\$60,047	(\$31,693)
<i>plus FAR revenue</i>		\$7,957	\$7,957
<i>Total Rev Req per Rate Tables</i>	<u>\$91,740</u>	<u>\$68,004</u>	<u>(\$23,736)</u>
<i>verify reconciliation, should be zero</i>	(\$0)	\$0	\$0
AYTP Mth/yr	1,456,757	1,440,163	(16,595)
Average Rate \$/th	\$0.063	\$0.047	(\$0.016)
% Class Average Rate Change			-25.0%
Change in Rates due to Volumes			\$0.001
Change in rates due to Costs			(\$0.016)
<i>Rate Change</i>			<i>decrease</i>
<i>change in volumes cause rates to</i>			<i>increase</i>
<i>change in costs cause rates to</i>			<i>decrease</i>

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	EG						Increase (Decrease)
	Jan-1-08	Jan-1-08	Jan-1-08	BCAP	BCAP	BCAP	
	Cogen	IPP	EG	EG Tier 1	EG Tier 1	EG	
Customer Costs	\$2,430	\$1,788	\$4,218	\$1,230	\$3,901	\$5,130	\$912
Distribution Costs	\$7,024	\$1,762	\$8,785	\$841	\$2,888	\$3,729	(\$5,057)
Storage	\$2,160	\$9,044	\$11,204	\$81	\$2,924	\$3,005	(\$8,199)
Marketing	\$664	\$937	\$1,601	\$27	\$977	\$1,004	(\$597)
Other	\$43	\$47	\$90	\$0	\$0	\$0	(\$90)
Integrated Transmission Cost	\$13,063	\$33,425	\$46,489	\$972	\$34,155	\$35,126	(\$11,362)
FAR Revenue						\$15,619	\$15,619
	\$25,384	\$47,003	\$72,387	\$3,150	\$44,844	\$63,613	(\$8,773)
Co Use Trans	\$973	\$2,489	\$3,462	\$138	\$4,981	\$5,119	\$1,658
UAF	\$1,568	\$2,752	\$4,320	\$246	\$8,879	\$9,125	\$4,804
Other Operate Costs	\$320	\$824	\$1,145	\$52	\$1,871	\$1,923	\$778
Transition Costs	(\$39)	(\$100)	(\$139)	\$0	\$0	\$0	\$139
Reg Accts	\$5,825	\$14,874	\$20,699	\$474	\$16,947	\$17,422	(\$3,277)
CCSI	\$0	\$0	\$0			\$0	\$0
EOR Revenue			\$0	\$1	\$14	\$15	\$15
Core Averaging	\$0	\$0	\$0			\$0	\$0
cogen parity	(\$5,444)	\$5,444	(\$0)			\$0	\$0
SW Adjustment -NGV							\$0
SW Adjustment -EG			\$1,452			\$1,896	\$444
TLS Rates:							
less allocated csost						(\$60,567)	(\$60,567)
plus TLS charges						\$65,841	\$65,841
Net TLS Impact	\$0	\$0	\$0	\$0	\$0	\$5,274	\$5,274
Revenue Recovered in Rates			\$103,325			\$104,387	\$1,062
<i>Verificatuion with Rate Tables</i>							
<i>Revenue Recovered in Rates per RATE TABLES</i>			\$103,325			\$88,768	(\$14,557)
<i>plus FAR revenue</i>						\$15,619	\$15,619
<i>Total Rev Req per Rate Tables</i>			\$103,325			\$104,387	\$1,062
<i>verify reconciliation, should be zero</i>	(\$0)	\$0	\$0	(\$0)	\$0	\$0	\$0
AYTP Mth/yr	827,347	2,116,910	2,944,257	76,202	2,750,762	2,826,964	(117,293)
Average Rate \$/th			\$0.035			\$0.037	\$0.002
% Class Average Rate Change							5.2%
Change in Rates due to Volumes							\$0.000
Change in rates due to Costs							\$0.002
<i>Rate Change</i>							<i>increase</i>
<i>change in volumes cause rates to</i>							<i>increase</i>
<i>change in costs cause rates to</i>							<i>increase</i>

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	LB			SDGE					
	Jan-1-08	BCAP	Increase	Jan-1-08	BCAP	Increase	BCAP	BCAP	Increase
	Revenue	Revenue	(Decrease)	Revenue	Revenue	(Decrease)	Core Storage	w/o core storage	(Decrease)
Customer Costs	\$136	\$264	\$127	\$190	\$206	\$16		\$206	\$16
Distribution Costs	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0
Storage	\$288	\$124	(\$164)	\$1,247	\$7,371	\$6,123	\$6,066	\$1,305	\$57
Marketing	\$60	\$255	\$195	\$60	\$255	\$195		\$255	\$195
Other	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0
Integrated Transmission Cost	\$1,316	\$1,895	\$579	\$0	\$0	\$0		\$0	\$0
FAR Revenue		\$647	\$647		\$0	\$0		\$0	\$0
	\$1,801	\$3,186	\$1,385	\$1,498	\$7,832	\$6,334	\$6,066	\$1,766	\$268
Co Use Trans	\$91	\$211	\$120	\$0	\$0	\$0		\$0	\$0
UAF	\$128	\$376	\$248	\$1,642	\$3,952	\$2,310		\$3,952	\$2,310
Other Operate Costs	\$30	\$79	\$49	\$563	\$834	\$272		\$834	\$272
Transition Costs	(\$4)	\$0	\$4	(\$68)	\$0	\$68		\$0	\$68
Reg Accts	\$542	\$731	\$189	\$10,983	\$6,457	(\$4,526)		\$6,457	(\$4,526)
CCSI	\$0		\$0	\$0		\$0		\$0	\$0
EOR Revenue		\$1	\$1		\$3	\$3		\$3	\$3
Core Averaging	\$0		\$0	\$0		\$0		\$0	\$0
cogen parity			\$0			\$0		\$0	\$0
SW Adjustment -NGV			\$0			\$0		\$0	\$0
SW Adjustment -EG			\$0			\$0		\$0	\$0
TLS Rates:									
less allocated csost		(\$3,937)	(\$3,937)			\$0		\$0	\$0
plus TLS charges		\$3,322	\$3,322			\$0		\$0	\$0
Net TLS Impact	\$0	(\$615)	(\$615)	\$0	\$0	\$0	\$0	\$0	\$0
Revenue Recovered in Rates	\$2,589	\$3,969	\$1,380	\$14,618	\$19,078	\$4,460	\$6,066	\$13,011	(\$1,606)
<i>Verificatuion with Rate Tables</i>									
<i>Revenue Recovered in Rates per RATE TABLES</i>	\$2,589	\$3,322	\$733	\$14,618	\$19,078	\$4,460	\$6,066	\$13,011	(\$1,606)
<i>plus FAR revenue</i>		\$647	\$647		\$0	\$0		\$0	\$0
<i>Total Rev Req per Rate Tables</i>	\$2,589	\$3,969	\$1,380	\$14,618	\$19,078	\$4,460	\$6,066	\$13,011	(\$1,606)
<i>verify reconciliation, should be zero</i>	(\$0)	\$0	\$0	\$0	\$0	(\$0)	\$0	\$0	(\$0)
AYTP Mth/yr	77,821	117,093	39,272	1,445,680	1,230,285	(215,395)		1,230,285	(215,395)
Average Rate \$/th	\$0.033	\$0.034	\$0.001	\$0.010	\$0.016	\$0.005		\$0.011	\$0.0005
% Class Average Rate Change			1.9%			53.4%			4.6%
Change in Rates due to Volumes			(\$0.011)			\$0.002			\$0.0018
Change in rates due to Costs			\$0.012			\$0.004			(\$0.0013)
<i>Rate Change</i>			<i>increase</i>			<i>increase</i>			<i>increase</i>
<i>change in volumes cause rates to</i>			<i>decrease</i>			<i>increase</i>			<i>increase</i>
<i>change in costs cause rates to</i>			<i>increase</i>			<i>increase</i>			<i>decrease</i>

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	SWG			VERNON		
	Jan-1-08	BCAP	Increase	Jan-1-08	BCAP	Increase
	Revenue	Revenue	(Decrease)	Revenue	Revenue	(Decrease)
Customer Costs	\$83	\$48	(\$35)	\$45	\$3	(\$43)
Distribution Costs	\$0	\$0	\$0	\$0	\$0	\$0
Storage	\$245	\$87	(\$158)	\$57	\$123	\$67
Marketing	\$60	\$255	\$195	\$60	\$255	\$195
Other	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Cost	\$1,524	\$1,327	(\$197)	\$817	\$1,528	\$711
FAR Revenue		\$452	\$452		\$642	\$642
	\$1,912	\$2,168	\$256	\$980	\$2,551	\$1,571
Co Use Trans	\$107	\$147	\$40	\$60	\$209	\$149
UAF	\$158	\$263	\$104	\$25	\$373	\$348
Other Operate Costs	\$36	\$55	\$20	\$20	\$79	\$59
Transition Costs	(\$4)	\$0	\$4	(\$2)	\$0	\$2
Reg Accts	\$638	\$506	(\$132)	\$359	\$712	\$353
CCSI	\$0	\$0	\$0	\$0	\$0	\$0
EOR Revenue		\$1	\$1		\$1	\$1
Core Averaging	\$0		\$0	\$0		\$0
cogen parity			\$0			\$0
SW Adjustment -NGV			\$0			\$0
SW Adjustment -EG			\$0			\$0
TLS Rates:						
less allocated csost		(\$2,688)	(\$2,688)		(\$3,283)	(\$3,283)
plus TLS charges		\$2,623	\$2,623		\$2,946	\$2,946
Net TLS Impact	\$0	(\$65)	(\$65)	\$0	(\$337)	(\$337)
Revenue Recovered in Rates	\$2,847	\$3,074	\$228	\$1,442	\$3,587	\$2,145
<i>Verificatuion with Rate Tables</i>						
<i>Revenue Recovered in Rates per RATE TABLES</i>	\$2,847	\$2,623	(\$224)	\$1,442	\$2,946	\$1,503
<i>plus FAR revenue</i>		\$452	\$452		\$642	\$642
<i>Total Rev Req per Rate Tables</i>	\$2,847	\$3,074	\$228	\$1,442	\$3,587	\$2,145
<i>verify reconciliation, should be zero</i>	(\$0)	\$0	(\$0)	\$0	\$0	\$0
AYTP Mth/yr	91,672	81,737	(9,935)	51,620	116,135	64,515
Average Rate \$/th	\$0.031	\$0.038	\$0.007	\$0.028	\$0.031	\$0.003
% Class Average Rate Change			21.1%			10.6%
Change in Rates due to Volumes			\$0.004			(\$0.016)
Change in rates due to Costs			\$0.003			\$0.018
<i>Rate Change</i>			<i>increase</i>			<i>increase</i>
<i>change in volumes cause rates to</i>			<i>increase</i>			<i>decrease</i>
<i>change in costs cause rates to</i>			<i>increase</i>			<i>increase</i>

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	DGN			W/S & DGN (SDGE w/ core storage)		
	Jan-1-08	BCAP	Increase	Jan-1-08	BCAP	Increase
	Revenue	Revenue	(Decrease)	Revenue	Revenue	(Decrease)
Customer Costs	\$42	\$82	\$40	\$497	\$602	\$105
Distribution Costs	\$0	\$0	\$0	\$0	\$0	\$0
Storage	\$81	\$57	(\$23)	\$1,918	\$7,763	\$5,845
Marketing	\$60	\$128	\$67	\$302	\$1,148	\$846
Other	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Cost	\$581	\$718	\$137	\$4,237	\$5,468	\$1,230
FAR Revenue		\$298	\$298	\$0	\$2,038	\$2,038
	\$764	\$1,283	\$519	\$6,954	\$17,020	\$10,065
Co Use Trans	\$43	\$97	\$55	\$302	\$665	\$363
UAF	\$18	\$173	\$155	\$1,972	\$5,137	\$3,165
Other Operate Costs	\$14	\$37	\$22	\$663	\$1,085	\$422
Transition Costs	(\$2)	\$0	\$2	(\$80)	\$0	\$80
Reg Accts	\$253	\$331	\$78	\$12,775	\$8,737	(\$4,038)
CCSI	\$0	\$0	\$0	\$0	\$0	\$0
EOR Revenue		\$0	\$0	\$0	\$5	\$5
Core Averaging	\$0		\$0	\$0	\$0	\$0
cogen parity			\$0	\$0	\$0	\$0
SW Adjustment -NGV			\$0	\$0	\$0	\$0
SW Adjustment -EG			\$0	\$0	\$0	\$0
TLS Rates:						
less allocated csost		(\$1,624)	(\$1,624)	\$0	(\$11,532)	(\$11,532)
plus TLS charges		\$1,368	\$1,368	\$0	\$10,258	\$10,258
Net TLS Impact	\$0	(\$256)	(\$256)	\$0	(\$1,274)	(\$1,274)
Revenue Recovered in Rates	\$1,090	\$1,666	\$576	\$22,586	\$31,374	\$8,788
<i>Verificatuion with Rate Tables</i>						
<i>Revenue Recovered in Rates per RATE TABLES</i>	\$1,090	\$1,368	\$278	\$22,586	\$29,336	\$6,750
<i>plus FAR revenue</i>		\$298	\$298	\$0	\$2,038	\$2,038
<i>Total Rev Req per Rate Tables</i>	\$1,090	\$1,666	\$576	\$22,586	\$31,374	\$8,788
<i>verify reconciliation, should be zero</i>	(\$0)	\$0	(\$0)	\$0	\$0	(\$0)
AYTP Mth/yr	36,419	53,990	17,570	1,703,212	1,599,240	(103,973)
Average Rate \$/th	\$0.030	\$0.031	\$0.001	\$0.013	\$0.020	\$0.006
% Class Average Rate Change			3.1%			47.9%
Change in Rates due to Volumes			(\$0.010)			\$0.001
Change in rates due to Costs			\$0.011			\$0.005
<i>Rate Change</i>			<i>increase</i>			<i>increase</i>
<i>change in volumes cause rates to</i>			<i>decrease</i>			<i>increase</i>
<i>change in costs cause rates to</i>			<i>increase</i>			<i>increase</i>

Reconcile Present Revenue with Proposed Revenue
v10-3-2008 Embedded Cost

	NonCore Total			FAR Paid by SDGE's customers		
	Jan-1-08	BCAP	Increase	Jan-1-08	BCAP	Increase
	Revenue	Revenue	(Decrease)	Revenue	Revenue	(Decrease)
Customer Costs	\$19,834	\$12,559	(\$7,274)			\$0
Distribution Costs	\$50,163	\$19,055	(\$31,108)			\$0
Storage	\$56,912	\$41,482	(\$15,430)			\$0
Marketing	\$5,434	\$3,215	(\$2,219)			\$0
Other	\$353	\$0	(\$353)			\$0
Integrated Transmission Cost	\$81,541	\$62,311	(\$19,230)			\$0
FAR Revenue	\$0	\$26,477	\$26,477		\$6,720	\$6,720
	\$214,237	\$165,099	(\$49,137)	\$0	\$6,720	\$6,720
Co Use Trans	\$6,044	\$8,670	\$2,626			\$0
UAF	\$9,148	\$19,404	\$10,256			\$0
Other Operate Costs	\$2,536	\$4,085	\$1,549			\$0
Transition Costs	(\$288)	\$0	\$288			\$0
Reg Accts	\$43,985	\$35,091	(\$8,894)			\$0
CCSI	\$0	\$0	\$0			\$0
EOR Revenue	(\$22,780)	(\$4,431)	\$18,348			\$0
Core Averaging	\$0	\$0	\$0			\$0
cogen parity	\$0	\$0	\$0			\$0
SW Adjustment -NGV	\$0	\$0	\$0			\$0
SW Adjustment -EG	\$1,452	\$1,896	\$444			\$0
TLS Rates:						
less allocated csost	0	(\$84,608)	(\$84,608)			\$0
plus TLS charges	0	\$88,440	\$88,440			\$0
Net TLS Impact	\$0	\$3,832	\$3,832	\$0	\$0	\$0
Revenue Recovered in Rates	\$254,334	\$233,645	(\$20,688)	\$0	\$6,720	\$6,720
<i>Verificatuion with Rate Tables</i>						
<i>Revenue Recovered in Rates per RATE TABLES</i>	\$254,334	\$207,168	(\$47,165)			\$0
<i>plus FAR revenue</i>	\$0	\$26,477	\$26,477		\$6,720	\$6,720
<i>Total Rev Req per Rate Tables</i>	\$254,334	\$233,645	(\$20,688)	\$0	\$6,720	\$6,720
<i>verify reconciliation, should be zero</i>	(\$0)	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr	6,104,226	5,866,366	(237,860)			
Average Rate \$/th	\$0.042	\$0.040	(\$0.002)			
% Class Average Rate Change			-4.4%			
Change in Rates due to Volumes			\$0.002			
Change in rates due to Costs			(\$0.004)			
<i>Rate Change</i>			<i>decrease</i>			
<i>change in volumes cause rates to</i>			<i>increase</i>			
<i>change in costs cause rates to</i>			<i>decrease</i>			

**Revenue Check of Base Margin, Revenue Requirement and Rates
v10-3-2008 Embedded Cost**

Base Margin in 2008 Rates under 2009BCAP rules w/FFU	\$000's			
O&M including escalation & reassignments	\$882,340	D.04-12-015 / A.02-12-027		
depreciation	\$260,394	D.04-12-015 / A.02-12-027		
income taxes	\$101,147	D.04-12-015 / A.02-12-027		
other taxes	\$57,868	D.04-12-015 / A.02-12-027		
return = \$2,307,420 rate base @ 8.68%	\$200,284	D.04-12-015 / A.02-12-027		
miscellaneous revenue	(\$45,025)	D.04-12-015 / A.02-12-027		
PBR COS Phase1 TY2004	\$1,457,008	D.04-12-015 / A.02-12-027		
2% Base Margin increase for 2005	\$27,950	2008 Rates Model		
Additional 1% Base Margin increase for 2005 (True-up)	\$13,975	2008 Rates Model		
2.66% Base Margin increase for 2006	\$38,341	2008 Rates Model		
Vacant	\$0	2008 Rates Model		
Aliso Canyon Well Rework '06 & '07 Rev Req	\$2,910	2008 Rates Model		
2007 PBR Index Margin for 2007	\$57,750	2008 Rates Model		
2006 Shareable Earnings	(\$22,501)	2008 Rates Model		
2006 Perf Safety Incentive Award	\$828	2008 Rates Model		
2008 Base Margin including transmissison costs, excludes uncollectibles	\$1,576,262			
Less Scaled LRMC Transmission Cost				
Unscaled Marginal Transmission Cost	\$68,160	2008 Rates Model		
2007 Scalar	1.92	2008 Rates Model		
	(\$130,528)			
2008 Base Margin excluding transmissison costs	\$1,445,734			
less uncollectibles	(\$4,894)	2008 Rates Model		
less Margin-Related Marketing	(\$24,137)	2008 Rates Model		
less Aliso Canyon Well Rework	(\$2,910)			
Scaled LRMC Revenues in 2008 rates	\$1,413,793		<i>2008 rates model =</i>	<i>\$1,413,794</i> (\$1)
plus uncollectibles	\$4,894			
plus Margin-Related Marketing	\$24,137			
Base Margin in 2008 Rates	\$1,442,824		<i>2008 rates model =</i>	<i>\$1,442,824</i> (\$1)
plus LRMC Cost of Transmission	\$130,528			
plus Aliso Canyon Well Rework	\$2,910			
less Brokerage Fee in 2009BCAP w/FFU	(\$5,435)	Misc Input		
Target Base Margin 2009BCAP w/o SI, BrokerFees; w/FFU	\$1,570,827		<i>CA Model =</i>	<i>\$1,570,827</i> (\$0)
Adjustment	\$0			
Current Target Base Margin 2009BCAP w/o SI; w/FFU	\$1,570,827		<i>Cost Alloc =</i>	<i>\$1,570,827</i> (\$0)

Summary of Cost Allocation:

Current Target Base Margin 2009BCAP w/o SI; w/FFU	\$1,570,827			
Less Backbone Transmission Costs	(\$94,404)	Cost Alloc		
Less Local Transmission Costs	(\$71,429)	Cost Alloc		
Plus Backbone Transmission Costs w/SI	\$55,116	Cost Alloc		
Plus Local Transmission Costs w/SI	\$76,162	Cost Alloc		
Less SEU FAR Revenue w/FFU	\$0	Cost Alloc		
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$1,536,273		<i>cost allocation Tab = \$1,536,273</i>	\$0
Other Operating Costs and Revenues	\$88,696	Cost Alloc		
Transition Costs	\$0	Cost Alloc		
Regulatory Accounts	\$57,254	Cost Alloc		
Core Interstate Pipeline Demand Charges (IPDC)	\$0	Cost Alloc		
Core Averaging (25% of Res / Retail Difference Phased over 3 years)	\$0	Cost Alloc		
EOR Revenue allocated to Other Classes \$000	(\$3,984)	Cost Alloc		
EOR Costs allocated to Other Classes \$000 adjustment \$000	\$0	Cost Alloc		
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr	\$1,678,239		<i>cost allocation Tab = \$1,678,239</i>	(\$0)
Est FAR Revenue from SCG Customers- \$000	\$46,318	SI & FAR		
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr	\$1,724,557		<i>cost allocation Tab = \$1,724,557</i>	(\$0)
plus change due to TLS (NCCI/EG/WS/DGN)	\$3,832			
plus SW Adjustments	\$2,876			
plus Est FAR Revenue from SDGE Customers- \$000	\$6,720	SI & FAR		
Final Revenue Requirement in Rate Tables	\$1,737,985		<i>Rate Table Total = \$1,737,985</i>	(\$1)

Summary of Transmission Costs	Local-T	BBT	Total T	
SCG Transmission w/o FFU \$000	\$70,101	\$40,658	\$110,759	SI & FAR
SDGE Transmission w/o FFU \$000	\$15,874	\$20,980	\$36,855	SI & FAR
FAR \$000		\$53,038	\$53,038	SI & FAR
Total SEU Transmission Costs w/o FFU \$000	\$85,975	\$114,677	\$200,652	
SI:				
SCG customers w/o FFU \$000	\$74,702	\$54,065	\$128,767	SI & FAR
SDGE customers w/o FFU \$000	\$11,273	\$7,573	\$18,847	SI & FAR
FAR \$000		\$53,038	\$53,038	SI & FAR
Total SEU Transmission Costs w/o FFU \$000	\$85,975	\$114,677	\$200,652	
Increase (Decrease) excluding SW impacts:				
SCG customers \$000	\$4,601	\$13,407	\$18,008	
SDGE customers \$000	(\$4,601)	(\$13,407)	(\$18,008)	
FAR \$000	\$0	\$0	\$0	
Total SEU Transmission Costs \$000	(\$0)	\$0	(\$0)	

Summary of System Throughput:	
SCG's Demand FC for System Throughput mth/yr	9,613,583
Total Table 1	9,457,396
plus EOR	156,187
	9,613,583

Summary of Rate Table 1

	A (w/o FAR, RG,SW)	B=SW Adj	C=A+B (w/o FAR, RG)	D=TLS	E=C+D (w/o FAR)	F=FAR	Total G=E+F
Core	\$1,476,799	\$980	\$1,477,779		\$1,477,779	\$19,840	\$1,497,619
NCCI-D	\$47,706		\$47,706		\$47,706		
NCCI-T	\$12,510		\$12,510	(\$169)	\$12,341		
	\$60,215		\$60,215	(\$169)	\$60,047	\$7,957	\$68,004
SDGE Wholesale	\$19,078		\$19,078		\$19,078	\$6,720	
	\$79,293	\$0	\$79,293	(\$169)	\$79,124	\$14,677	\$93,801
EG-D	\$21,031	\$1,896	\$22,928		\$22,928		
EG-T	\$60,567		\$60,567	\$5,274	\$65,841		
	\$81,598	\$1,896	\$83,494	\$5,274	\$88,768	\$15,619	\$104,387
Wholesale (exclude SDGE)	\$9,908		\$9,908	(\$1,018)	\$8,890	\$1,740	\$10,631
DGN	\$1,624		\$1,624	(\$256)	\$1,368	\$298	\$1,666
TBS	\$29,017		\$29,017		\$29,017		\$29,017
EOR						\$863	\$863
Transport Rev Req \$000/yr	\$1,678,239	\$2,876	\$1,681,116	\$3,832	\$1,684,947	\$53,038	\$1,737,985

Table 1 Total Revenue (Incl SI, FAR, TLS, SW Adj) =

\$1,684,947 \$1,737,985 Rate Tables
\$0 \$0

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	\$1,221,892	Rate Tables		
Core C&I Service \$000	\$246,122	Rate Tables		

Table 3 - other Core service:

SW NGV \$000	\$7,436	Rate Tables		
Gas AC \$000	\$62	Rate Tables		
Gas Engine \$000	\$2,267	Rate Tables		
CORE	\$1,477,779			

Table 4 - NonCore C&I and EG:

NCCI \$000	\$60,047	Rate Tables		
Sw-EG \$000	\$88,768	Rate Tables		
Total NCCI & EG	\$148,815			
Less NCCI Transmission Level Included in Table 5	(\$12,341)	Rate Tables		
Less EG Transmisison Level Included in Table 5	(\$65,841)	Rate Tables		
Total NCCI-D and EG-D only	\$70,633			

Table 5 - Transmission Level Service:

SFV \$000	\$71,130	Rate Tables		
Volumetric \$000	\$17,310	Rate Tables		
NonCore Transmission	\$88,440			

SDGE Wholesale Charge for Core & Dist on table 1

\$19,078 Rate Tables

UBS \$000

\$29,017 Rate Tables

System Total Rev Req w/SI, TLS, SW adj w/o FAR \$000

\$1,684,947

Rev Req w/o FAR = \$1,684,947 \$0

Est FAR Revenue to SCG - \$000

\$53,038 Rate Tables

System Total Rev Req w/SI, TLS, SW adj & FAR \$000

\$1,737,985

Rev Req w/FAR = \$1,737,985 \$0

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year = 2008
2008\$ to Nominal \$ year = 1.000 Misc Input

COST COMPONENTS \$000's	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Base Margin Costs:						
Customer Related Costs	\$842,797	\$100,683	\$17	\$1,480	\$952	\$945,929
Medium Pressure Distribution Costs	\$222,822	\$47,360	\$0	\$139	\$235	\$270,557
High Pressure Distribution Costs	\$22,076	\$6,013	\$4	\$43	\$359	\$28,496
Backbone Transmission Costs	\$25,796	\$9,640	\$11	\$171	\$1,110	\$36,729
Local Transmission Costs	\$27,726	\$7,617	\$5	\$57	\$657	\$36,061
Storage - Seasonal	\$35,483	\$6,177	\$0	\$10	\$16	\$41,687
Storage - Load Balancing	\$2,640	\$1,032	\$1	\$19	\$125	\$3,817
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$22,600	\$14,848	\$0	\$7	\$743	\$38,198
	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U	\$1,201,939	\$193,370	\$40	\$1,926	\$4,198	\$1,401,473
Less Backbone Transmission Costs	(\$25,796)	(\$9,640)	(\$11)	(\$171)	(\$1,110)	(\$36,729)
Less Local Transmission Costs	(\$27,726)	(\$7,617)	(\$5)	(\$57)	(\$657)	(\$36,061)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$17,297	\$6,464	\$8	\$115	\$745	\$24,628
Plus Local Transmission Costs w/SI, FFU	\$34,091	\$9,366	\$6	\$70	\$808	\$44,340
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$1,199,806	\$191,943	\$37	\$1,883	\$3,983	\$1,397,651

Other Operating Costs and Revenues	Add FFU Y or N?	Amount to Allocate (w/o F&U)	Inflated						
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000				\$4,498	\$1,758	\$2	\$33	\$212	\$6,503
Company Use Gas: Other	Y	\$3,239	\$3,239	\$854	\$334	\$0	\$6	\$40	\$1,234
Company Use Gas: Storage Load Balancing	N	\$2,795	\$2,795	\$722	\$282	\$0	\$5	\$34	\$1,044
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	N	\$23	\$23	\$6	\$2	\$0	\$0	\$0	\$9
Fuel Cell Equipment Revenues	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	Y	\$65,716	\$65,716	\$32,920	\$12,862	\$16	\$240	\$1,554	\$47,592
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	Y	\$402	\$402	\$108	\$42	\$0	\$1	\$5	\$156
Subtotal Other Operating Costs and Revenues		\$72,174	\$72,174	\$39,108	\$15,280	\$19	\$285	\$1,846	\$56,538

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year =
2008\$ to Nominal \$ year =

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	\$5,880	\$1,230	\$3,901	\$947	\$11,957	\$264	\$206	\$48	\$3
Medium Pressure Distribution Costs	\$10,258	\$601	\$444	\$17	\$11,321	\$0	\$0	\$0	\$0
High Pressure Distribution Costs	\$4,685	\$240	\$2,443	\$366	\$7,734	\$0	\$0	\$0	\$0
Backbone Transmission Costs	\$13,684	\$722	\$26,054	\$1,479	\$41,939	\$1,171	\$12,159	\$794	\$1,100
Local Transmission Costs	\$8,596	\$1,248	\$12,718	\$829	\$23,391	\$910	\$9,459	\$651	\$649
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$0	\$6,066	\$0	\$0
Storage - Load Balancing	\$1,531	\$81	\$2,924	\$166	\$4,701	\$124	\$1,305	\$87	\$123
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$935	\$27	\$977	\$128	\$2,067	\$255	\$255	\$255	\$255
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U	\$45,569	\$4,149	\$49,461	\$3,932	\$103,111	\$2,725	\$29,450	\$1,835	\$2,130
Less Backbone Transmission Costs	(\$13,684)	(\$722)	(\$26,054)	(\$1,479)	(\$41,939)	(\$1,171)	(\$12,159)	(\$794)	(\$1,100)
Less Local Transmission Costs	(\$8,596)	(\$1,248)	(\$12,718)	(\$829)	(\$23,391)	(\$910)	(\$9,459)	(\$651)	(\$649)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$9,176	\$484	\$17,470	\$972	\$28,102	\$781	\$0	\$530	\$734
Plus Local Transmission Costs w/SI, FFU	\$10,569	\$488	\$16,685	\$1,000	\$28,741	\$1,114	\$0	\$797	\$794
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$43,034	\$3,150	\$44,844	\$3,596	\$94,624	\$2,539	\$7,832	\$1,716	\$1,909

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	\$2,608	\$138	\$4,981	\$277	\$8,005	\$211	\$0	\$147	\$209
Company Use Gas: Other	\$495	\$26	\$945	\$53	\$1,519	\$40	\$421	\$28	\$40
Company Use Gas: Storage Load Balancing	\$419	\$22	\$800	\$45	\$1,286	\$34	\$358	\$24	\$34
n/a	\$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	\$4,648	\$246	\$8,879	\$494	\$14,267	\$376	\$3,952	\$263	\$373
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$62	\$3	\$119	\$0	\$185	\$5	\$53	\$4	\$5
Subtotal Other Operating Costs and Revenues	\$8,236	\$436	\$15,731	\$870	\$25,272	\$667	\$4,786	\$465	\$661

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year =
2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000	Source
Base Margin Costs:						
Customer Related Costs	\$520	\$82	\$0	\$12,559	\$958,489	CA Model
Medium Pressure Distribution Costs	\$0	\$0	\$0	\$11,321	\$281,879	CA Model
High Pressure Distribution Costs	\$0	\$0	\$0	\$7,734	\$36,230	CA Model
Backbone Transmission Costs	\$15,224	\$511	\$0	\$57,675	\$94,404	CA Model
Local Transmission Costs	\$11,669	\$308	\$0	\$35,368	\$71,429	CA Model
Storage - Seasonal	\$6,066	\$0	\$0	\$6,066	\$47,753	CA Model
Storage - Load Balancing	\$1,639	\$57	\$0	\$6,398	\$10,215	CA Model
Storage - TBS	\$0	\$0	\$29,017	\$29,017	\$29,017	CA Model
Non-DSM Marketing Related Costs	\$1,021	\$128	\$0	\$3,215	\$41,413	CA Model
	\$0	\$0	\$0	\$0	\$0	CA Model
	\$0	\$0	\$0	\$0	\$0	CA Model
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U	\$36,140	\$1,086	\$29,017	\$169,354	\$1,570,827	
Less Backbone Transmission Costs	(\$15,224)	(\$511)	\$0	(\$57,675)	(\$94,404)	
Less Local Transmission Costs	(\$11,669)	(\$308)	\$0	(\$35,368)	(\$71,429)	
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$2,045	\$341	\$0	\$30,488	\$55,116	SI & FAR
Plus Local Transmission Costs w/SI, FFU	\$2,705	\$377	\$0	\$31,822	\$76,162	SI & FAR
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$13,996	\$985	\$29,017	\$138,622	\$1,536,273	

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	\$568	\$97	\$0	\$8,670	\$15,173	\$289	\$14,884	SI & FAR
Company Use Gas: Other	\$528	\$18	\$0	\$2,066	\$3,300	\$61	\$3,239	Misc Input
Company Use Gas: Storage Load Balancing	\$449	\$16	\$0	\$1,751	\$2,795	\$0	\$2,795	Misc Input
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Exchange Revenues & Interutility Transactions	\$4	\$0	\$0	\$14	\$23	\$0	\$23	Deamnd FC 1/14/2008
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Mkt Dept 1/22/2008
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2008RD Model
Unaccounted For (UAF) Gas	\$4,963	\$173	\$0	\$19,404	\$66,996	\$1,280	\$65,716	Misc Input
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Well Incidents & Surface Leaks	\$67	\$2	\$0	\$254	\$410	\$8	\$402	Misc Input
Subtotal Other Operating Costs and Revenues	\$6,579	\$307	\$0	\$32,158	\$88,696	\$16,522	\$72,174	

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

COST COMPONENTS \$000's

Allocation

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

Total Margin Allocation w/o SI, FAR, TLS w/ FF&U

- 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 w/SI, FFU w/o FAR Rev, TLS

Other Operating Costs and Revenues

- n/a
- n/a
- Co Use Transmission w/ FFU \$000
- Company Use Gas: Other ECPT Incl EOR
- Company Use Gas: Storage Load Balancing ECPT Incl EOR
- n/a
- Exchange Revenues & Interutility Transactions CYTP ExEOR
- Fuel Cell Equipment Revenues EPMC ExEOR
- Marketing: DSM Program Awards Core ECPT
- Unaccounted For (UAF) Gas 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
v10-3-2008 Embedded Cost**

Allocation %

Nominal \$ year =
2008\$ to Nominal \$ year =

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	Retail Non Core
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												
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U												
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/> Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS <hr/>												
Other Operating Costs and Revenues												
n/a	0.0%											
n/a												
Co Use Transmission w/ FFU \$000	0.0%											
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%
n/a	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%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
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												

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core
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								
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U								
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/> Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS <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%
n/a								
Exchange Revenues & Interutility Transactions	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%	0.0%	60.5%
Fuel Cell Equipment Revenues	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	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%
<hr/> Subtotal Other Operating Costs and Revenues <hr/>								

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year = 2008
 2008\$ to Nominal \$ year = 1.000 Misc Input

COST COMPONENTS \$000's				Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
<u>Transition Costs</u>									
n/a	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
total Transition Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

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
<u>Transition Costs</u>									
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000		Source
<u>Transition Costs</u>							
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	2008RD Model
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	2008RD Model
total Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
2008\$ to Nominal \$ year =

COST COMPONENTS \$000's

Allocation

Transition Costs

n/a

MPO Transition Cost Adjustment

ECPT ExEOR

Pitco/Popco Transition Costs

ECPT ExEOR

total Transition Costs

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Allocation %

Nominal \$ year =
2008\$ to Nominal \$ year =

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	Retail Non Core
<u>Transition Costs</u>												
n/a	0.0%											
MPO Transition Cost Adjustment	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
Pitco/Popco Transition Costs	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
total Transition Costs												

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core
<u>Transition Costs</u>								
n/a								
MPO Transition Cost Adjustment	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Pitco/Popco Transition Costs	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
total Transition Costs								

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year = 2008
2008\$ to Nominal \$ year = 1.000 Misc Input

COST COMPONENTS \$000's

Regulatory Accounts

			Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	
Affiliate Transfer Fee Account (ATFA)	Y	(\$69)	(\$69)	(\$56)	(\$9)	(\$0)	(\$0)	(\$65)	
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	Y	\$4,932	\$4,932	\$1,397	\$522	\$1	\$9	\$60	\$1,988
FERC Settlement Proceeds Memorandum Account (FSPMA)	Y	\$26	\$26	\$11	\$15	\$0	\$0	\$0	\$27
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	Y	\$3,595	\$3,595	\$1,018	\$380	\$0	\$7	\$44	\$1,449
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	\$3,383	\$3,383	\$2,387	\$933	\$1	\$17	\$113	\$3,451
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Economic Practicality Shortfall Memorandum Account (EPSMA)	Y	\$178	\$178	\$48	\$19	\$0	\$0	\$2	\$69
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA) CORE	Y	\$2,820	\$2,820	\$2,470	\$395	\$0	\$4	\$8	\$2,877
Enhanced Oil Recovery Account (EORA) NONCORE	Y	\$288	\$288	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	Y	\$22,308	\$22,308	\$5,976	\$2,335	\$3	\$44	\$282	\$8,640
Interim Call Center Memorandum Account (ICCMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	Y	\$48	\$48	\$13	\$5	\$0	\$0	\$1	\$19
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	Y	(\$143)	(\$143)	(\$116)	(\$19)	(\$0)	(\$0)	(\$0)	(\$136)
Montebello True-Up Tracking Account (MTTA)	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	N	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Fixed Cost Account (NFCA)	Y	\$10,352	\$10,352	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Memorandum Account (NSMA)	Y	(\$5,085)	(\$5,085)	(\$1,362)	(\$532)	(\$1)	(\$10)	(\$64)	(\$1,969)
Integrated Transmission Balancing Account (ITBA)	Y	\$7,521	\$7,521	\$2,450	\$916	\$1	\$16	\$105	\$3,489
Otay Mesa System Reliability Memorandum Account (OMSRMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Company-Use Fuel for Load Balancing Account (CUFLBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
System Reliability Memorandum Account (SRMA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	Y	(\$1,971)	(\$1,971)	(\$528)	(\$206)	(\$0)	(\$4)	(\$25)	(\$763)
Pension Balancing Account (PBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PBOP Balancing Account (PBOPBA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Research Development and Demonstration Expense Account (RDDEA)	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Research Royalty Memorandum Account (RRMA)	Y	(\$10)	(\$10)	(\$8)	(\$1)	(\$0)	(\$0)	(\$0)	(\$9)
Self-Generation Program Memorandum Account (SGPMA)	Y	\$8,000	\$8,000	\$2,143	\$837	\$1	\$16	\$101	\$3,098
n/a	Y	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Regulatory Accounts		\$56,173	\$56,173	\$15,842	\$5,589	\$6	\$99	\$626	\$22,163

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year =
2008\$ to Nominal \$ year =

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
<u>Regulatory Accounts</u>									
Affiliate Transfer Fee Account (ATFA)	(\$2)	(\$0)	(\$2)	\$0	(\$4)	(\$0)	(\$0)	(\$0)	(\$0)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$741	\$39	\$1,411	\$0	\$2,190	\$63	\$655	\$43	\$59
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$540	\$28	\$1,028	\$0	\$1,597	\$46	\$477	\$31	\$43
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
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$28	\$1	\$53	\$0	\$82	\$2	\$24	\$2	\$2
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA) CORE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA) NONCORE	\$119	\$9	\$124	\$0	\$252	\$7	\$22	\$5	\$5
Hazardous Substance Cost-Recovery Account (HSCRA)	\$3,465	\$183	\$6,618	\$0	\$10,267	\$280	\$2,946	\$196	\$278
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Intervenor Award Memorandum Account (IAMA)	\$7	\$0	\$14	\$0	\$22	\$1	\$6	\$0	\$1
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	(\$4)	(\$0)	(\$4)	\$0	(\$9)	(\$0)	(\$1)	(\$0)	(\$0)
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Fixed Cost Account (NFCA)	\$2,592	\$137	\$4,951	\$0	\$7,681	\$210	\$2,204	\$146	\$208
Noncore Storage Memorandum Account (NSMA)	(\$790)	(\$42)	(\$1,509)	\$0	(\$2,340)	(\$64)	(\$671)	(\$45)	(\$63)
Integrated Transmission Balancing Account (ITBA)	\$1,300	\$69	\$2,475	\$0	\$3,843	\$111	\$0	\$75	\$104
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$306)	(\$16)	(\$585)	\$0	(\$907)	(\$25)	(\$260)	(\$17)	(\$25)
Pension Balancing Account (PBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PBOP Balancing Account (PBOPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Research Development and Demonstration Expense Account (RDDEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Research Royalty Memorandum Account (RRMA)	(\$0)	(\$0)	(\$0)	\$0	(\$1)	(\$0)	(\$0)	(\$0)	(\$0)
Self-Generation Program Memorandum Account (SGPMA)	\$1,243	\$66	\$2,373	\$0	\$3,682	\$101	\$1,056	\$70	\$100
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Regulatory Accounts	\$8,932	\$474	\$16,947	\$0	\$26,354	\$731	\$6,457	\$506	\$712

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year =
2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000			Source
Regulatory Accounts								
Affiliate Transfer Fee Account (ATFA)	(\$1)	(\$0)	\$0	(\$5)	(\$70)	(\$1)	(\$69)	2009FC @ 12/21/2007
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$820	\$28	\$0	\$3,038	\$5,027	\$95	\$4,932	2009FC @ 12/21/2007
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$27	\$1	\$26	2009FC @ 12/21/2007
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$598	\$20	\$0	\$2,215	\$3,664	\$69	\$3,595	2009FC @ 12/21/2007
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$3,451	\$68	\$3,383	2009FC @ 12/21/2007
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$30	\$1	\$0	\$112	\$181	\$3	\$178	2009FC @ 12/21/2007
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Enhanced Oil Recovery Account (EORA) CORE	\$0	\$0	\$0	\$0	\$2,877	\$56	\$2,820	2009FC @ 12/21/2007
Enhanced Oil Recovery Account (EORA) NONCORE	\$39	\$3	\$0	\$293	\$293	\$6	\$288	2009FC @ 12/21/2007
Hazardous Substance Cost-Recovery Account (HSCRA)	\$3,700	\$129	\$0	\$14,096	\$22,736	\$428	\$22,308	2009FC @ 12/21/2007
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
Intervenor Award Memorandum Account (IAMA)	\$8	\$0	\$0	\$30	\$49	\$1	\$48	2009FC @ 12/21/2007
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Gain / Loss on Sale Memorandum Account (GLOSMA)	(\$1)	(\$0)	\$0	(\$10)	(\$146)	(\$3)	(\$143)	2009FC @ 12/21/2007
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Noncore Fixed Cost Account (NFCA)	\$2,768	\$97	\$0	\$10,545	\$10,545	\$193	\$10,352	2009FC @ 12/21/2007
Noncore Storage Memorandum Account (NSMA)	(\$843)	(\$29)	\$0	(\$3,213)	(\$5,182)	(\$97)	(\$5,085)	2009FC @ 1/29/2007
Integrated Transmission Balancing Account (ITBA)	\$290	\$48	\$0	\$4,181	\$7,669	\$149	\$7,521	Misc Input
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
Noncore Storage Balancing Account (NSBA)	(\$327)	(\$11)	\$0	(\$1,245)	(\$2,009)	(\$38)	(\$1,971)	2009FC @ 1/29/2007
Pension Balancing Account (PBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
PBOP Balancing Account (PBOPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
Research Development and Demonstration Expense Account (RDDEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 12/21/2007
Research Royalty Memorandum Account (RRMA)	(\$0)	(\$0)	\$0	(\$1)	(\$10)	(\$0)	(\$10)	2009FC @ 12/21/2007
Self-Generation Program Memorandum Account (SGPMA)	\$1,327	\$46	\$0	\$5,055	\$8,153	\$153	\$8,000	2009FC @ 12/21/2007
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Regulatory Accounts	\$8,406	\$331	\$0	\$35,091	\$57,254	\$1,081	\$56,173	

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Allocation
Regulatory Accounts	
Affiliate Transfer Fee Account (ATFA)	EPMC ExEOR
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	CYTP Excl EOR
FERC Settlement Proceeds Memorandum Account (FSPMA)	ECPT CAT Only
n/a	
Firm Access & Storage Rights Memorandum Account (FARSMA)	CYTP Excl EOR
California Solar Initiative Balancing Account (CSIBA)	ECPT ExEOR
G-PAL Balancing Account (GPBA)	CYTP Excl EOR
Core Fixed Cost Account (CFCA)	Core ECPT
n/a	
Economic Practicality Shortfall Memorandum Account (EPSMA)	Direct Assign=ECPT ExEOR
n/a	
Enhanced Oil Recovery Account (EORA) CORE	Core EPMC
Enhanced Oil Recovery Account (EORA) NONCORE	NonCore EPMC ExEOR
Hazardous Substance Cost-Recovery Account (HSCRA)	ECPT ExEOR
Interim Call Center Memorandum Account (ICCMA)	EPMC ExEOR
Intervenor Award Memorandum Account (IAMA)	ECPT ExEOR
n/a	
Gain / Loss on Sale Memorandum Account (GLOSMA)	EPMC Excl EOR
Montebello True-Up Tracking Account (MTTA)	70%Core/Allocate Core ECPT
Montebello True-Up Tracking Account (MTTA)	30%NonCore/Allocate NonCore ECPT Ex EOR
n/a	
Noncore Fixed Cost Account (NFCA)	NonCore ECPT ExEOR
Noncore Storage Memorandum Account (NSMA)	ECPT ExEOR
Integrated Transmission Balancing Account (ITBA)	CYTP Excl. EOR & SDG&E
Otay Mesa System Reliability Memorandum Account (OMSRMA)	CYTP Excl EOR
Company-Use Fuel for Load Balancing Account (CUFLBA)	ECPT Incl EOR
System Reliability Memorandum Account (SRMA)	CYTP Excl EOR
Noncore Storage Balancing Account (NSBA)	ECPT ExEOR
Pension Balancing Account (PBA)	EPMC ExEOR
PBOP Balancing Account (PBOPBA)	EPMC ExEOR
Research Development and Demonstration Expense Account (RDDEA)	EPMC ExEOR
Research Royalty Memorandum Account (RRMA)	EPMC ExEOR
Self-Generation Program Memorandum Account (SGPMA)	ECPT ExEOR
n/a	
Total Regulatory Accounts	

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Allocation %

Nominal \$ year =
2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Total System	Resid	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG <3 mmmh /yr	EG >=3 mmmh /yr	EOR	Retail Non Core
<u>Regulatory Accounts</u>												
Affiliate Transfer Fee Account (ATFA)	100.0%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	100.0%	27.8%	10.4%	0.0%	0.2%	1.2%	39.5%	14.7%	0.8%	28.0%	0.0%	43.5%
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%
n/a	0.0%											
Firm Access & Storage Rights Memorandum Account (FARSMA)	100.0%	27.8%	10.4%	0.0%	0.2%	1.2%	39.5%	14.7%	0.8%	28.0%	0.0%	43.5%
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%
n/a	0.0%											
Economic Practicality Shortfall Memorandum Account (EPSMA)	100.0%	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	0.0%	45.1%
n/a	0.0%											
Enhanced Oil Recovery Account (EORA) CORE	100.0%	85.8%	13.7%	0.0%	0.1%	0.3%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Enhanced Oil Recovery Account (EORA) NONCORE	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	40.6%	3.0%	42.3%	0.0%	85.9%
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%
Interim Call Center Memorandum Account (ICCMA)	100.0%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
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%
n/a	0.0%											
Gain / Loss on Sale Memorandum Account (GLOSMA)	100.0%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
Montebello True-Up Tracking Account (MTTA)	100.0%	69.2%	27.0%	0.0%	0.5%	3.3%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montebello True-Up Tracking Account (MTTA)	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.5%	1.3%	46.9%	0.0%	72.7%
n/a	0.0%											
Noncore Fixed Cost Account (NFCA)	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)	100.0%	31.9%	11.9%	0.0%	0.2%	1.4%	45.5%	16.9%	0.9%	32.3%	0.0%	50.1%
Otay Mesa System Reliability Memorandum Account (OMSRMA)	100.0%	27.8%	10.4%	0.0%	0.2%	1.2%	39.5%	14.7%	0.8%	28.0%	0.0%	43.5%
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%	27.8%	10.4%	0.0%	0.2%	1.2%	39.5%	14.7%	0.8%	28.0%	0.0%	43.5%
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 (PBPA)	100.0%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
PBOP Balancing Account (PBOPBA)	100.0%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
Research Development and Demonstration Expense Account (RDDEA)	100.0%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
Research Royalty Memorandum Account (RRMA)	100.0%	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%	6.1%
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%
n/a	0.0%											
<u>Total Regulatory Accounts</u>												

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year =
2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core
Regulatory Accounts								
Affiliate Transfer Fee Account (ATFA)	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	7.1%
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%	0.0%	60.5%
FERC Settlement Proceeds Memorandum Account (FSPMA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
n/a								
Firm Access & Storage Rights Memorandum Account (FARSMA)	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%	0.0%	60.5%
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%
n/a								
Economic Practicality Shortfall Memorandum Account (EPSMA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
n/a								
Enhanced Oil Recovery Account (EORA) CORE	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Enhanced Oil Recovery Account (EORA) NONCORE	2.4%	7.4%	1.6%	1.8%	13.2%	0.9%	0.0%	100.0%
Hazardous Substance Cost-Recovery Account (HSCRA)	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%	0.0%	62.0%
Interim Call Center Memorandum Account (ICCMA)	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	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%
n/a								
Gain / Loss on Sale Memorandum Account (GLOSMA)	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	7.1%
Montebello True-Up Tracking Account (MTTA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montebello True-Up Tracking Account (MTTA)	2.0%	21.0%	1.4%	2.0%	26.3%	0.9%	0.0%	100.0%
n/a								
Noncore Fixed Cost Account (NFCA)	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)	1.5%	0.0%	1.0%	1.4%	3.8%	0.6%	0.0%	54.5%
Otay Mesa System Reliability Memorandum Account (OMSRMA)	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%	0.0%	60.5%
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)	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%	0.0%	60.5%
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)	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	7.1%
PBOP Balancing Account (PBOPBA)	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	7.1%
Research Development and Demonstration Expense Account (RDDEA)	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	7.1%
Research Royalty Memorandum Account (RRMA)	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	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%
n/a								
Total Regulatory Accounts								

**SoCalGas Cost Allocation
v10-3-2008 Embedded Cost**

Nominal \$ year = 2008
2008\$ to Nominal \$ year = 1.000 Misc Input

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	\$0	
Core Averaging (25% of Res / Retail Difference Phased over 3 years)	N	(\$33,248)	(\$33,248)	\$33,248	\$0	\$0	\$0	\$0	
Transport Rev Req w/o BBT, w/ FFU \$000/yr		\$95,098	\$95,098	\$1,221,508	\$246,060	\$62	\$2,266	\$6,455	\$1,476,352
EOR Revenue allocated to Other Classes \$000				(\$3,179)	(\$509)	(\$0)	(\$5)	(\$11)	(\$3,703)
EOR Costs allocated to Other Classes \$000				\$3,563	\$570	\$0	\$6	\$12	\$4,151
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr			\$1,221,892	\$246,122	\$62	\$2,267	\$6,456	\$1,476,799	
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			\$0.492	\$0.254	\$0.052	\$0.125	\$0.055	\$0.411	
FFU Rate			102.00%	102.00%	102.00%	102.00%	102.00%		
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr			2,483,989	970,519	1,210	18,080	117,231	3,591,030	
FAR w/FFU Charge \$000			\$13,724	\$5,362	\$7	\$100	\$648	\$19,840	
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr			\$1,235,616	\$251,484	\$69	\$2,367	\$7,104	\$1,496,640	
Average Rate w/ FAR \$/th			\$0.497	\$0.259	\$0.057	\$0.131	\$0.061	\$0.417	

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

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 (25% of Res / Retail Difference Phased over 3 years)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/o BBT, w/ FFU \$000/yr	\$60,202	\$4,061	\$77,522	\$4,465	\$146,250	\$3,936	\$19,075	\$2,687	\$3,282
EOR Revenue allocated to Other Classes \$000	(\$114)	(\$8)	(\$119)		(\$241)	(\$7)	(\$21)	(\$5)	(\$5)
EOR Costs allocated to Other Classes \$000	\$128	\$9	\$133	(\$4,465)	(\$4,195)	\$8	\$23	\$5	\$6
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr	\$60,215	\$4,062	\$77,536	\$0	\$141,813	\$3,937	\$19,078	\$2,688	\$3,283
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	\$0.042	\$0.053	\$0.028	\$0.000	\$0.033	\$0.034	\$0.016	\$0.033	\$0.028
FFU Rate	102.00%	102.00%	102.00%	100.00%		101.51%	101.51%	101.51%	101.51%
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
FAR w/FFU Charge \$000	\$7,957	\$421	\$15,198	\$863	\$24,439	\$647	\$0	\$452	\$642
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr	\$68,172	\$4,483	\$92,734	\$863	\$166,252	\$4,584	\$19,078	\$3,140	\$3,924
Average Rate w/ FAR \$/th	\$0.047	\$0.059	\$0.034	#DIV/0!	\$0.039	\$0.039	\$0.016	\$0.038	\$0.034

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000			Source
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	2009FC @ 9/10/2007
Core Averaging (25% of Res / Retail Difference Phased over 3 years)	\$0	\$0	\$0	\$0	\$0	\$33,248	(\$33,248)	Misc Input
Transport Rev Req w/o BBT, w/ FFU \$000/yr	\$28,981	\$1,623	\$29,017	\$205,872	\$1,682,223			
EOR Revenue allocated to Other Classes \$000	(\$37)	(\$3)	\$0	(\$281)	(\$3,984)			EOR
EOR Costs allocated to Other Classes \$000	\$42	\$3	\$0	(\$4,151)	\$0			EOR
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr	\$28,986	\$1,624	\$29,017	\$201,440	\$1,678,239			
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,545,250	53,990	0	5,866,366	9,457,396			Alloc Factors
Average Rate w/oFAR \$/th	\$0.019	\$0.030	\$0.000	\$0.034	\$0.446			
FFU Rate		101.51%						Misc Incpnt
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	1,545,250	53,990	0	6,022,553	9,613,583			
FAR w/FFU Charge \$000	\$1,740	\$298	\$0	\$26,477	\$46,318			
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr	\$30,726	\$1,922	\$29,017	\$227,917	\$1,724,557			
Average Rate w/ FAR \$/th	\$0.020	\$0.036		\$0.039	\$0.182			

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

COST COMPONENTS \$000's	Allocation
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Core Interstate Pipeline Demand Charges (IPDC)	Core ECPT
Core Averaging (25% of Res / Retail Difference Phased over 3 years)	Res & CCI
Transport Rev Req w/o BBT, w/ FFU \$000/yr	
EOR Revenue allocated to Other Classes \$000	
EOR Costs allocated to Other Classes \$000	
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, 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	
FAR w/FFU Charge \$000	
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr	
Average Rate w/ FAR \$/th	

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Allocation %

Nominal \$ year =
 2008\$ to Nominal \$ year =

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	Retail Non Core
Core Interstate Pipeline Demand Charges (IPDC)	30.8%	0.0%	27.0%	0.0%	0.5%	3.3%	30.8%	0.0%	0.0%	0.0%	0.0%	0.0%
Core Averaging (25% of Res / Retail Difference Phased over 3 years)	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 w/o BBT, w/ FFU \$000/yr												
EOR Revenue allocated to Other Classes \$000												
EOR Costs allocated to Other Classes \$000												
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, 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												
FAR w/FFU Charge \$000												
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr												
Average Rate w/ FAR \$/th												

SoCalGas Cost Allocation
v10-3-2008 Embedded Cost

Nominal \$ year =
 2008\$ to Nominal \$ year =

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 (25% of Res / Retail Difference Phased over 3 years)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Transport Rev Req w/o BBT, w/ FFU \$000/yr								
<hr/>								
EOR Revenue allocated to Other Classes \$000								
EOR Costs allocated to Other Classes \$000								
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr								
<hr/>								
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr								
Average Rate w/oFAR \$/th								
FFU Rate								
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr								
FAR w/FFU Charge \$000								
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr								
<hr/>								
Average Rate w/ FAR \$/th								

SCG Allocation Factors
v10-3-2008 Embedded Cost

	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 = 2009 to 2011</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)	132	8,315	0	772	36,715	45,934	457,697	15,782	2,198,967	75,307
Cold Year Throughput (1-in-35) (MTh)	144	8,720	0	772	36,715	46,351	457,976	15,782	2,198,967	75,307
Cold Year Peak Month (December) (MTh)	22	975	0	36	3,073	4,106	40,531	1,426	156,906	5,520
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	1	49	0	1	99	151	1,317	53	6,205	178
Number of Customers	26	89	0	24	10	149	35	16	35	18
High Pressure										
Average Year Throughput (MTh)	10,055	48,152	1,047	6,478	70,504	136,236	605,699	33,507	531,886	80,305
Cold Year Throughput (1-in-35) (MTh)	11,025	50,497	1,047	6,478	70,504	139,550	607,389	33,507	531,886	80,305
Cold Year Peak Month (December) (MTh)	1,677	5,647	63	303	5,901	13,591	53,676	2,369	44,266	6,821
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	104	286	2	10	190	592	1,842	88	1,672	220
Number of Customers	7,365	2,660	11	407	132	10,575	239	43	30	13
Medium Pressure										
Average Year Throughput (MTh)	2,473,802	914,052	163	10,830	10,012	3,408,860	376,766	26,913	19,909	575
Cold Year Throughput (1-in-35) (MTh)	2,712,286	958,554	163	10,830	10,012	3,691,846	379,365	26,913	19,909	575
Cold Year Peak Month (December) (MTh)	412,568	107,188	10	506	838	521,110	34,228	2,130	1,576	49
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	25,566	5,434	0	16	27	31,044	1,177	69	51	2
Number of Customers	5,447,959	212,537	5	413	131	5,661,045	431	91	4	1
CUMULATIVE (Calc'd from DIRECT %s)										
Transmission										
Average Year Throughput (MTh)	2,483,989	970,519	1,210	18,080	117,231	3,591,030	1,440,163	76,202	2,750,762	156,187
Cold Year Throughput (1-in-35) (MTh)	2,723,455	1,017,771	1,210	18,080	117,231	3,877,747	1,444,730	76,202	2,750,762	156,187
Cold Year Peak Month (December) (MTh)	414,267	113,810	73	845	9,813	538,807	128,436	5,926	202,748	12,390
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	25,671	5,770	2	27	317	31,787	4,336	210	7,928	400
Number of Customers	5,455,350	215,286	16	845	273	5,671,770	705	150	69	32
High Pressure										
Average Year Throughput (MTh)	2,483,858	962,204	1,210	17,308	80,516	3,545,096	982,465	60,420	551,795	80,880
Cold Year Throughput (1-in-35) (MTh)	2,723,311	1,009,051	1,210	17,308	80,516	3,831,396	986,754	60,420	551,795	80,880
Cold Year Peak Month (December) (MTh)	414,245	112,835	73	809	6,739	534,701	87,904	4,499	45,842	6,870
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	25,670	5,721	2	26	217	31,636	3,020	157	1,723	222
Number of Customers	5,455,324	215,197	16	821	263	5,671,621	670	134	34	14
Medium Pressure										
Average Year Throughput (MTh)	2,473,802	914,052	163	10,830	10,012	3,408,860	376,766	26,913	19,909	575
Cold Year Throughput (1-in-35) (MTh)	2,712,286	958,554	163	10,830	10,012	3,691,846	379,365	26,913	19,909	575
Cold Year Peak Month (December) (MTh)	412,568	107,188	10	506	838	521,110	34,228	2,130	1,576	49
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	25,566	5,434	0	16	27	31,044	1,177	69	51	2
Number of Customers	5,447,959	212,537	5	413	131	5,661,045	431	91	4	1
AYSales Mth/y										

SCG Allocation Factors
v10-3-2008 Embedded Cost

	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total NonCore	Total System
INPUT:										
<i>BCAP Period = 2009 to 2011</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)	2,747,754	117,093	1,230,285	81,737	116,135	1,545,250	53,990		4,346,993	4,392,927
Cold Year Throughput (1-in-35) (MTh)	2,748,032	123,645	1,283,768	83,795	116,135	1,607,343	53,990		4,409,365	4,455,716
Cold Year Peak Month (December) (MTh)	204,384	13,601	141,331	9,733	9,694	174,359	4,599		383,342	387,448
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	7,752	649	6,537	655	338	8,179	148		16,080	16,231
Number of Customers	105	1	1	1	1	4	1		110	259
High Pressure										
Average Year Throughput (MTh)	1,251,397	0	0	0	0	0	0		1,251,397	1,387,633
Cold Year Throughput (1-in-35) (MTh)	1,253,087	0	0	0	0	0	0		1,253,087	1,392,637
Cold Year Peak Month (December) (MTh)	107,132	0	0	0	0	0	0		107,132	120,723
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	3,822	0	0	0	0	0	0		3,822	4,415
Number of Customers	325	0	0	0	0	0	0		325	10,900
Medium Pressure										
Average Year Throughput (MTh)	424,163	0	0	0	0	0	0		424,163	3,833,022
Cold Year Throughput (1-in-35) (MTh)	426,761	0	0	0	0	0	0		426,761	4,118,607
Cold Year Peak Month (December) (MTh)	37,983	0	0	0	0	0	0		37,983	559,093
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	1,299	0	0	0	0	0	0		1,299	32,343
Number of Customers	527	0	0	0	0	0	0		527	5,661,573
CUMULATIVE (Calc'd from DIRECT %'s)										
Transmission										
Average Year Throughput (MTh)	4,423,313	117,093	1,230,285	81,737	116,135	1,545,250	53,990		6,022,553	9,613,583
Cold Year Throughput (1-in-35) (MTh)	4,427,880	123,645	1,283,768	83,795	116,135	1,607,343	53,990		6,089,213	9,966,960
Cold Year Peak Month (December) (MTh)	349,499	13,601	141,331	9,733	9,694	174,359	4,599		528,457	1,067,264
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	12,873	649	6,537	655	338	8,179	148		21,201	52,988
Number of Customers	957	1	1	1	1	4	1		962	5,672,732
High Pressure										
Average Year Throughput (MTh)	1,675,560	0	0	0	0	0	0		1,675,560	5,220,656
Cold Year Throughput (1-in-35) (MTh)	1,679,848	0	0	0	0	0	0		1,679,848	5,511,244
Cold Year Peak Month (December) (MTh)	145,115	0	0	0	0	0	0		145,115	679,816
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	5,121	0	0	0	0	0	0		5,121	36,757
Number of Customers	852	0	0	0	0	0	0		852	5,672,473
Medium Pressure										
Average Year Throughput (MTh)	424,163	0	0	0	0	0	0		424,163	3,833,022
Cold Year Throughput (1-in-35) (MTh)	426,761	0	0	0	0	0	0		426,761	4,118,607
Cold Year Peak Month (December) (MTh)	37,983	0	0	0	0	0	0		37,983	559,093
Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)	1,299	0	0	0	0	0	0		1,299	32,343
Number of Customers	527	0	0	0	0	0	0		527	5,661,573
AYSales Mth/y										

SCG Allocation Factors
v10-3-2008 Embedded Cost

Source

INPUT:

BCAP Period = 2009 to 2011

Peak Month = Usage during month of December during a Cold Year

*Peak Day = peak day use under 1:35 year condition for core;
under 1:10 year condition for noncore*

DIRECT (%'s Load or Cust/Mtrs Sum to 100%)

Transmission

Average Year Throughput (MTh) Demand FC 1/11/2008

Cold Year Throughput (1-in-35) (MTh) Demand FC 1/11/2008

Cold Year Peak Month (December) (MTh) Demand FC 1/11/2008

Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) Demand FC 1/11/2008

Number of Customers Demand FC 1/11/2008

High Pressure Demand FC 1/11/2008

Average Year Throughput (MTh) Demand FC 1/11/2008

Cold Year Throughput (1-in-35) (MTh) Demand FC 1/11/2008

Cold Year Peak Month (December) (MTh) Demand FC 1/11/2008

Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) Demand FC 1/11/2008

Number of Customers Demand FC 1/11/2008

Medium Pressure Demand FC 1/11/2008

Average Year Throughput (MTh) Demand FC 1/11/2008

Cold Year Throughput (1-in-35) (MTh) Demand FC 1/11/2008

Cold Year Peak Month (December) (MTh) Demand FC 1/11/2008

Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh) Demand FC 1/11/2008

Number of Customers Demand FC 1/11/2008

CUMULATIVE (Calc'd from DIRECT %'s)

Transmission

Average Year Throughput (MTh)

Cold Year Throughput (1-in-35) (MTh)

Cold Year Peak Month (December) (MTh)

Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)

Number of Customers

High Pressure

Average Year Throughput (MTh)

Cold Year Throughput (1-in-35) (MTh)

Cold Year Peak Month (December) (MTh)

Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)

Number of Customers

Medium Pressure

Average Year Throughput (MTh)

Cold Year Throughput (1-in-35) (MTh)

Cold Year Peak Month (December) (MTh)

Peak Day (1-in-35 Core; 1-in-10 Noncore) (MTh)

Number of Customers

AYSales Mth/y

SCG Allocation Factors
v10-3-2008 Embedded Cost

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2	EOR
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$1,199,806	\$191,943	\$37	\$1,883	\$3,983	\$1,397,651	\$43,034	\$3,150	\$44,844	\$3,596
Calculation of Allocation Factors:										
Cumulative Transmission # Customers	5,455,350	215,286	16	845	273	5,671,770	705	150	69	32
Cumulative Transmission AYTP Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030	1,440,163	76,202	2,750,762	156,187
AYTP TP System	25.8%	10.1%	0.0%	0.2%	1.2%	37.4%	15.0%	0.8%	28.6%	1.6%
AYTP System Excl. EOR	26.3%	10.3%	0.0%	0.2%	1.2%	38.0%	15.2%	0.8%	29.1%	
AYTP System Excl. SDG&E+EOR	30.2%	11.8%	0.0%	0.2%	1.4%	43.6%	17.5%	0.9%	33.4%	
AYTP Core + Retail Noncore Only	31.0%	12.1%	0.0%	0.2%	1.5%	44.8%	18.0%	1.0%	34.3%	1.9%
AYTP Core Only	69.2%	27.0%	0.0%	0.5%	3.3%	100.0%				
AYTP Core Only Excl. A/C + Gas Eng	69.5%	27.2%			3.3%	100.0%				
AYTP Core Only Excl. Residential		98.1%	0.1%	1.8%	11.8%	111.8%				
AYTP Noncore Only						-	23.9%	1.3%	45.7%	2.6%
AYTP Noncore Only Excl. EOR						-	24.5%	1.3%	46.9%	
AYTP Noncore Retail Excl. EOR+WS+Int'l						-	33.8%	1.8%	64.5%	
Cumulative Transmission CYTP Mth/yr	2,723,455	1,017,771	1,210	18,080	117,231	3,877,747	1,444,730	76,202	2,750,762	156,187
CYTP System	27.3%	10.2%	0.0%	0.2%	1.2%	38.9%	14.5%	0.8%	27.6%	1.6%
CYTP System Excl. EOR	27.8%	10.4%	0.0%	0.2%	1.2%	39.5%	14.7%	0.8%	28.0%	
CYTP System Excl. SDG&E	31.4%	11.7%	0.0%	0.2%	1.4%	44.7%	16.6%	0.9%	31.7%	1.8%
CYTP Excl. EOR & SDG&E	31.9%	11.9%	0.0%	0.2%	1.4%	45.5%	16.9%	0.9%	32.3%	
CYTP Core +Retail Noncore Only	32.8%	12.3%	0.0%	0.2%	1.4%	46.7%	17.4%	0.9%	33.1%	1.9%
CYTP Core Only	70.2%	26.2%	0.0%	0.5%	3.0%	100.0%				
CYTP Noncore Only						-	23.7%	1.3%	45.2%	2.6%
CYTP Noncore ExEOR						-	24.4%	1.3%	46.4%	
CYTP Noncore Retail Excl. WS+Int'l						-	32.6%	1.7%	62.1%	3.5%
Cumulative Transmission CYCPM Mth/mo	414,267	113,810	73	845	9,813	538,807	128,436	5,926	202,748	12,390
CYCPM System Total	38.8%	10.7%	0.0%	0.1%	0.9%	50.5%	12.0%	0.6%	19.0%	1.2%
CYCPM System Excl. EOR	39.3%	10.8%	0.0%	0.1%	0.9%	51.1%	12.2%	0.6%	19.2%	
CYCPM System Excl. Wholesale	44.7%	12.3%	0.0%	0.1%	1.1%	58.2%	13.9%	0.6%	21.9%	1.3%
CYCPM Core +Retail Noncore Only	46.6%	12.8%	0.0%	0.1%	1.1%	60.7%	14.5%	0.7%	22.8%	1.4%
CYCPM Core Only	76.9%	21.1%	0.0%	0.2%	1.8%	100.0%				
CYCPM Noncore Only						-	24.3%	1.1%	38.4%	2.3%
CYCPM Noncore Retail Excl. WS+Int'l						-	36.7%	1.7%	58.0%	3.5%

SCG Allocation Factors
v10-3-2008 Embedded Cost

	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total NonCore	Total System
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$94,624	\$2,539	\$7,832	\$1,716	\$1,909	\$13,996	\$985	\$29,017	\$138,622	\$1,536,273

Calculation of Allocation Factors:

Cumulative Transmission # Customers	957	1	1	1	1	4	1	0	962	5,672,732
Cumulative Transmission AYTP Mth/yr	4,423,313	117,093	1,230,285	81,737	116,135	1,545,250	53,990	0	6,022,553	9,613,583
AYTP TP System	46.0%	1.2%	12.8%	0.9%	1.2%	16.1%	0.6%		62.6%	100.0%
AYTP System Excl. EOR	45.1%	1.2%	13.0%	0.9%	1.2%	16.3%	0.6%		62.0%	100.0%
AYTP System Excl. SDG&E+EOR	51.9%	1.4%		1.0%	1.4%	3.8%	0.7%		56.4%	100.0%
AYTP Core + Retail Noncore Only	55.2%					0.0%			55.2%	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%	111.8%
AYTP Noncore Only	73.4%	1.9%	20.4%	1.4%	1.9%	25.7%	0.9%		100.0%	100.0%
AYTP Noncore Only Excl. EOR	72.7%	2.0%	21.0%	1.4%	2.0%	26.3%	0.9%		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	4,427,880	123,645	1,283,768	83,795	116,135	1,607,343	53,990	0	6,089,213	9,966,960
CYTP System	44.4%	1.2%	12.9%	0.8%	1.2%	16.1%	0.5%		61.1%	100.0%
CYTP System Excl. EOR	43.5%	1.3%	13.1%	0.9%	1.2%	16.4%	0.6%		60.5%	100.0%
CYTP System Excl. SDG&E	51.0%	1.4%	n/a	1.0%	1.3%	3.7%	0.6%		55.3%	100.0%
CYTP Excl. EOR & SDG&E	50.1%	1.5%		1.0%	1.4%	3.8%	0.6%		54.5%	100.0%
CYTP Core +Retail Noncore Only	53.3%					0.0%			53.3%	100.0%
CYTP Core Only	-					-			0.0%	100.0%
CYTP Noncore Only	72.7%	2.0%	21.1%	1.4%	1.9%	26.4%	0.9%		100.0%	100.0%
CYTP Noncore ExEOR	72.0%	2.1%	21.6%	1.4%	2.0%	27.1%	0.9%		100.0%	100.0%
CYTP Noncore Retail Excl. WS+Int'l	100.0%					0.0%			100.0%	100.0%
Cumulative Transmission CYCPM Mth/mo	349,499	13,601	141,331	9,733	9,694	174,359	4,599	0	528,457	1,067,264
CYCPM System Total	32.7%	1.3%	13.2%	0.9%	0.9%	16.3%	0.4%		49.5%	100.0%
CYCPM System Excl. EOR	32.0%	1.3%	13.4%	0.9%	0.9%	16.5%	0.4%		48.9%	100.0%
CYCPM System Excl. Wholesale	37.7%	1.5%	n/a	1.1%	1.0%	3.6%	0.5%		41.8%	100.0%
CYCPM Core +Retail Noncore Only	39.3%					0.0%			39.3%	100.0%
CYCPM Core Only	-					-			0.0%	100.0%
CYCPM Noncore Only	66.1%	2.6%	26.7%	1.8%	1.8%	33.0%	0.9%		100.0%	100.0%
CYCPM Noncore Retail Excl. WS+Int'l	100.0%					0.0%			100.0%	100.0%

SCG Allocation Factors
v10-3-2008 Embedded Cost

	Source
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	Cost Alloc

Calculation of Allocation Factors:

Cumulative Transmission # Customers

Cumulative Transmission AYTP Mth/yr

AYTP TP System
AYTP System Excl. EOR
AYTP System Excl. SDG&E+EOR
AYTP Core + Retail Noncore Only
AYTP Core Only
AYTP Core Only Excl. A/C + Gas Eng
AYTP Core Only Excl. Residential
AYTP Noncore Only
AYTP Noncore Only Excl. EOR
AYTP Noncore Retail Excl. EOR+WS+Int'l

Cumulative Transmission CYTP Mth/yr

CYTP System
CYTP System Excl. EOR
CYTP System Excl. SDG&E
CYTP Excl. EOR & SDG&E
CYTP Core +Retail Noncore Only
CYTP Core Only
CYTP Noncore Only
CYTP Noncore ExEOR
CYTP Noncore Retail Excl. WS+Int'l

Cumulative Transmission CYCPM Mth/mo

CYCPM System Total
CYCPM System Excl. EOR
CYCPM System Excl. Wholesale
CYCPM Core +Retail Noncore Only
CYCPM Core Only
CYCPM Noncore Only
CYCPM Noncore Retail Excl. WS+Int'l

SCG Allocation Factors
v10-3-2008 Embedded Cost

	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	25,671	5,770	2	27	317	31,787	4,336	210	7,928	400
PDD System Total	48.4%	10.9%	0.0%	0.1%	0.6%	60.0%	8.2%	0.4%	15.0%	0.8%
PDD System Excl. EOR	48.8%	11.0%	0.0%	0.1%	0.6%	60.4%	8.2%	0.4%	15.1%	
PDD System Excl. Wholesale	55.3%	12.4%	0.0%	0.1%	0.7%	68.4%	9.3%	0.5%	17.1%	0.9%
PDD Core +Retail Noncore Only	57.5%	12.9%	0.0%	0.1%	0.7%	71.2%	9.7%	0.5%	17.8%	0.9%
PDD Core Only	80.8%	18.2%	0.0%	0.1%	1.0%	100.0%				
PDD Noncore Only						-	20.5%	1.0%	37.4%	1.9%
PDD Noncore Retail Excl. WS+Int'l						-	33.7%	1.6%	61.6%	3.1%

Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$1,199,806	\$191,943	\$37	\$1,883	\$3,983	\$1,397,651	\$43,034	\$3,150	\$44,844	\$3,596
EPMC All	78.1%	12.5%	0.0%	0.1%	0.3%	91.0%	2.8%	0.2%	2.9%	0.2%
EPMC All Excl. Unbundled Storage	79.6%	12.7%	0.0%	0.1%	0.3%	92.7%	2.9%	0.2%	3.0%	0.2%
EPMC All Excl. Unbundled Storage + SDG&E	80.0%	12.8%	0.0%	0.1%	0.3%	93.2%	2.9%	0.2%	3.0%	0.2%
EPMC All Excl. Unbundled Storage + EOR	79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	
EPMC All Excl. Unbundled Storage + EOR + Gas Eng	80.0%	12.8%	0.0%	0.1%	0.3%	93.2%	2.9%	0.2%	3.0%	
Core EPMC Only	85.8%	13.7%	0.0%	0.1%	0.3%	100.0%				
Noncore EPMC, Excl. Unbundled Storage + EOR						\$0	40.6%	3.0%	42.3%	

Calculation of LUAF Allocator:

Method #2 - 65% core @ ECPT / 35% noncore @ ECPT (incl EOR)

Core ECPT	69.2%	27.0%	0.0%	0.5%	3.3%	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%	23.9%	1.3%	45.7%	2.6%
% 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	49.1%	19.2%	0.0%	0.4%	2.3%	71.0%	6.9%	0.4%	13.2%	0.8%

AYTP CAT Customers:

CAT Volumes in 2008 Rates Mth/yr	13,656	15,040	0	0	0	28,695				
System AYTP in 2008 Rates (includes NGV) Mth/yr	2,546,852	834,635	1,200	16,040	24,350	3,423,077				
CAT Volumes as % total, by class, in 2008 rates	0.5%	1.8%	0.0%	0.0%	0.0%	0.8%				
2009BCAP AYTP Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030				
2009BCAP CAT Volumes Mth/yr	13,319	17,488	0	0	0	30,807	0	0	0	0
ECPT CAT	43.2%	56.8%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%

SCG Allocation Factors
v10-3-2008 Embedded Cost

	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	12,873	649	6,537	655	338	8,179	148	0	21,201	52,988	
PDD System Total	24.3%	1.2%	12.3%	1.2%	0.6%	15.4%	0.3%		40.0%	100.0%	
PDD System Excl. EOR	23.7%	1.2%	12.4%	1.2%	0.6%	15.6%	0.3%		39.6%	100.0%	52,588
PDD System Excl. Wholesale	27.7%	1.4%	n/a	1.4%	0.7%	3.5%	0.3%		31.6%	100.0%	46,451
PDD Core +Retail Noncore Only	28.8%					0.0%			28.8%	100.0%	44,661
PDD Core Only	-					-			0.0%	100.0%	31,787
PDD Noncore Only	60.7%	3.1%	30.8%	3.1%	1.6%	38.6%	0.7%		100.0%	100.0%	21,201
PDD Noncore Retail Excl. WS+Int'l	100.0%					0.0%			100.0%	100.0%	12,873

Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$94,624	\$2,539	\$7,832	\$1,716	\$1,909	\$13,996	\$985	\$29,017	\$138,622	\$1,536,273	
EPMC All	6.2%	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	1.9%	9.0%	100.0%	
EPMC All Excl. Unbundled Storage	6.3%	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%		7.3%	100.0%	\$1,507,256
EPMC All Excl. Unbundled Storage + SDG&E	6.3%	0.2%	n/a	0.1%	0.1%	0.4%	0.1%		6.8%	100.0%	\$1,499,424
EPMC All Excl. Unbundled Storage + EOR	6.1%	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%		7.1%	100.0%	\$1,503,660
EPMC All Excl. Unbundled Storage + EOR + Gas Eng	6.1%	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%		7.1%	100.2%	\$1,500,064
Core EPMC Only	-					-			0.0%	100.0%	\$1,397,651
Noncore EPMC, Excl. Unbundled Storage + EOR	85.9%	2.4%	7.4%	1.6%	1.8%	13.2%	0.9%		100.0%	100.0%	\$106,009

Calculation of LUAF Allocator:

Method #2 - 65% core @ ECPT / 35% 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	73.4%	1.9%	20.4%	1.4%	1.9%	25.7%	0.9%	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%	2009BCAP Tes
% Noncore	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	29.0%	
% LUAF Allocation	21.3%	0.6%	5.9%	0.4%	0.6%	7.4%	0.3%	0.0%	29.0%	100.0%	

AYTP CAT Customers:

CAT Volumes in 2008 Rates Mth/yr	0					0			0	28,695
System AYTP in 2008 Rates (includes NGV) Mth/yr	0					0			0	3,423,077
CAT Volumes as % total, by class, in 2008 rates										0.8%
2009BCAP AYTP Mth/yr	0					0			0	3,591,030
2009BCAP CAT Volumes Mth/yr	0	0	0	0	0	0	0	0	0	30,807
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
v10-3-2008 Embedded Cost

Source

Cumulative Transmission Peak Day Mth/day

PDD System Total
PDD System Excl. EOR
PDD System Excl. Wholesale
PDD Core +Retail Noncore Only
PDD Core Only
PDD Noncore Only
PDD Noncore Retail Excl. WS+Int'l

Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS

EPMC All
EPMC All Excl. Unbundled Storage
EPMC All Excl. Unbundled Storage + SDG&E
EPMC All Excl. Unbundled Storage + EOR
EPMC All Excl. Unbundled Storage + EOR + Gas Eng
Core EPMC Only
Noncore EPMC, Excl. Unbundled Storage + EOR

Calculation of LUAF Allocator:

Method #2 - 65% core @ ECPT / 35% noncore @ ECPT (incl EOR)

Core ECPT
NonCore ECPT Include EOR
% Core
% Noncore
% LUAF Allocation

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AYTP CAT Customers:

CAT Volumes in 2008 Rates Mth/yr [2008 SCG RD Model](#)
System AYTP in 2008 Rates (includes NGV) Mth/yr [2008 SCG RD Model](#)
CAT Volumes as % total, by class, in 2008 rates
2009BCAP AYTP Mth/yr
2009BCAP CAT Volumes Mth/yr
ECPT CAT

SoCalGas Cost Allocation Model Results

v10-3-2008 Embedded Cost

Nominal \$ year = 2008 Cost Alloc
 2008\$ to Nominal \$ year = 1.000 Cost Alloc

Results of Cost Allocation Model \$1,000,000's		Resid	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2
Inflated:	Embedded Cost Allocation Model Results:									
	Customer Related Costs	\$842.797	\$100.683	\$0.017	\$1.480	\$0.952	\$945.929	\$5.880	\$1.230	\$3.901
	Medium Pressure Distribution Costs	\$222.822	\$47.360	\$0.000	\$0.139	\$0.235	\$270.557	\$10.258	\$0.601	\$0.444
	High Pressure Distribution Costs	\$22.076	\$6.013	\$0.004	\$0.043	\$0.359	\$28.496	\$4.685	\$0.240	\$2.443
	Backbone Transmission Costs	\$25.796	\$9.640	\$0.011	\$0.171	\$1.110	\$36.729	\$13.684	\$0.722	\$26.054
	Local Transmission Costs	\$27.726	\$7.617	\$0.005	\$0.057	\$0.657	\$36.061	\$8.596	\$1.248	\$12.718
	Storage - Seasonal	\$35.483	\$6.177	\$0.000	\$0.010	\$0.016	\$41.687	\$0.000	\$0.000	\$0.000
	Storage - Load Balancing	\$2.640	\$1.032	\$0.001	\$0.019	\$0.125	\$3.817	\$1.531	\$0.081	\$2.924
	Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Non-DSM Marketing Related Costs	\$22.600	\$14.848	\$0.000	\$0.007	\$0.743	\$38.198	\$0.935	\$0.027	\$0.977
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$1,201.939	\$193.370	\$0.040	\$1.926	\$4.198	\$1,401.473	\$45.569	\$4.149	\$49.461
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	76.5%	12.3%	0.0%	0.1%	0.3%	89.2%	2.9%	0.3%	3.1%
CA Method =	Embedded Cost									
	Embedded Cost Allocation Model Results:									
	Customer Related Costs	\$842.797	\$100.683	\$0.017	\$1.480	\$0.952	\$945.929	\$5.880	\$1.230	\$3.901
	Medium Pressure Distribution Costs	\$222.822	\$47.360	\$0.000	\$0.139	\$0.235	\$270.557	\$10.258	\$0.601	\$0.444
	High Pressure Distribution Costs	\$22.076	\$6.013	\$0.004	\$0.043	\$0.359	\$28.496	\$4.685	\$0.240	\$2.443
	Backbone Transmission Costs	\$25.796	\$9.640	\$0.011	\$0.171	\$1.110	\$36.729	\$13.684	\$0.722	\$26.054
	Local Transmission Costs	\$27.726	\$7.617	\$0.005	\$0.057	\$0.657	\$36.061	\$8.596	\$1.248	\$12.718
	Storage - Seasonal	\$35.483	\$6.177	\$0.000	\$0.010	\$0.016	\$41.687	\$0.000	\$0.000	\$0.000
	Storage - Load Balancing	\$2.640	\$1.032	\$0.001	\$0.019	\$0.125	\$3.817	\$1.531	\$0.081	\$2.924
	Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Non-DSM Marketing Related Costs	\$22.600	\$14.848	\$0.000	\$0.007	\$0.743	\$38.198	\$0.935	\$0.027	\$0.977
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$1,201.939	\$193.370	\$0.040	\$1.926	\$4.198	\$1,401.473	\$45.569	\$4.149	\$49.461
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	76.5%	12.3%	0.0%	0.1%	0.3%	89.2%	2.9%	0.3%	3.1%

SoCalGas Cost Allocation Model Results

v10-3-2008 Embedded Cost

Nominal \$ year = 2008
 2008\$ to Nominal \$ year = 1.000

Results of Cost Allocation Model \$1,000,000's		EOR	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	UBS
Inflated:	Embedded Cost Allocation Model Results:									
	Customer Related Costs	\$0.947	\$11.957	\$0.264	\$0.206	\$0.048	\$0.003	\$0.520	\$0.082	\$0.000
	Medium Pressure Distribution Costs	\$0.017	\$11.321	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	High Pressure Distribution Costs	\$0.366	\$7.734	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Backbone Transmission Costs	\$1.479	\$41.939	\$1.171	\$12.159	\$0.794	\$1.100	\$15.224	\$0.511	\$0.000
	Local Transmission Costs	\$0.829	\$23.391	\$0.910	\$9.459	\$0.651	\$0.649	\$11.669	\$0.308	\$0.000
	Storage - Seasonal	\$0.000	\$0.000	\$0.000	\$6.066	\$0.000	\$0.000	\$6.066	\$0.000	\$0.000
	Storage - Load Balancing	\$0.166	\$4.701	\$0.124	\$1.305	\$0.087	\$0.123	\$1.639	\$0.057	\$0.000
	Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$29.017
	Non-DSM Marketing Related Costs	\$0.128	\$2.067	\$0.255	\$0.255	\$0.255	\$0.255	\$1.021	\$0.128	\$0.000
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$3.932	\$103.111	\$2.725	\$29.450	\$1.835	\$2.130	\$36.140	\$1.086	\$29.017
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	0.3%	6.6%	0.2%	1.9%	0.1%	0.1%	2.3%	0.1%	1.8%
CA Method =	Embedded Cost									
	Embedded Cost Allocation Model Results:									
	Customer Related Costs	\$0.947	\$11.957	\$0.264	\$0.206	\$0.048	\$0.003	\$0.520	\$0.082	\$0.000
	Medium Pressure Distribution Costs	\$0.017	\$11.321	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	High Pressure Distribution Costs	\$0.366	\$7.734	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Backbone Transmission Costs	\$1.479	\$41.939	\$1.171	\$12.159	\$0.794	\$1.100	\$15.224	\$0.511	\$0.000
	Local Transmission Costs	\$0.829	\$23.391	\$0.910	\$9.459	\$0.651	\$0.649	\$11.669	\$0.308	\$0.000
	Storage - Seasonal	\$0.000	\$0.000	\$0.000	\$6.066	\$0.000	\$0.000	\$6.066	\$0.000	\$0.000
	Storage - Load Balancing	\$0.166	\$4.701	\$0.124	\$1.305	\$0.087	\$0.123	\$1.639	\$0.057	\$0.000
	Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$29.017
	Non-DSM Marketing Related Costs	\$0.128	\$2.067	\$0.255	\$0.255	\$0.255	\$0.255	\$1.021	\$0.128	\$0.000
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$3.932	\$103.111	\$2.725	\$29.450	\$1.835	\$2.130	\$36.140	\$1.086	\$29.017
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	0.3%	6.6%	0.2%	1.9%	0.1%	0.1%	2.3%	0.1%	1.8%

SoCalGas Cost Allocation Model Results

v10-3-2008 Embedded Cost

Nominal \$ year = 2008
 2008\$ to Nominal \$ year = 1.000

Results of Cost Allocation Model \$1,000,000's		Total NonCore	Total System	NCCI-Total	NCCI-D	NCCI-T	EOR-Total	EOR-D	EOR-T	Total EG	EG Tier 1
Inflated:	Embedded Cost Allocation Model Results:										
	Customer Related Costs	\$12.559	\$958.489	\$5.880	\$5.588	\$0.292	\$0.947	\$0.415	\$0.532	\$5.130	\$1.230
	Medium Pressure Distribution Costs	\$11.321	\$281.879	\$10.258	\$7.145	\$3.113	\$0.017	\$0.010	\$0.008	\$1.046	\$0.601
	High Pressure Distribution Costs	\$7.734	\$36.230	\$4.685	\$3.200	\$1.485	\$0.366	\$0.190	\$0.177	\$2.683	\$0.240
	Backbone Transmission Costs	\$57.675	\$94.404	\$13.684	\$9.030	\$4.654	\$1.479	\$0.740	\$0.739	\$26.776	\$0.722
	Local Transmission Costs	\$35.368	\$71.429	\$8.596	\$5.871	\$2.725	\$0.829	\$0.429	\$0.400	\$13.966	\$1.248
	Storage - Seasonal	\$6.066	\$47.753	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Storage - Load Balancing	\$6.398	\$10.215	\$1.531	\$1.044	\$0.486	\$0.166	\$0.086	\$0.080	\$3.005	\$0.081
	Storage - TBS	\$29.017	\$29.017	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Non-DSM Marketing Related Costs	\$3.215	\$41.413	\$0.935	\$0.889	\$0.046	\$0.128	\$0.056	\$0.072	\$1.004	\$0.027
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$169.354	\$1,570.827	\$45.569	\$32.767	\$12.802	\$3.932	\$1.925	\$2.007	\$53.610	\$4.149
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	10.8%	100.0%	2.9%	2.1%	0.8%	0.3%	0.1%	0.1%	3.4%	0.3%
CA Method =	Embedded Cost										
	Embedded Cost Allocation Model Results:										
	Customer Related Costs	\$12.559	\$958.489	\$5.880	\$5.588	\$0.292	\$0.947	\$0.415	\$0.532	\$5.130	\$1.230
	Medium Pressure Distribution Costs	\$11.321	\$281.879	\$10.258	\$7.145	\$3.113	\$0.017	\$0.010	\$0.008	\$1.046	\$0.601
	High Pressure Distribution Costs	\$7.734	\$36.230	\$4.685	\$3.200	\$1.485	\$0.366	\$0.190	\$0.177	\$2.683	\$0.240
	Backbone Transmission Costs	\$57.675	\$94.404	\$13.684	\$9.030	\$4.654	\$1.479	\$0.740	\$0.739	\$26.776	\$0.722
	Local Transmission Costs	\$35.368	\$71.429	\$8.596	\$5.871	\$2.725	\$0.829	\$0.429	\$0.400	\$13.966	\$1.248
	Storage - Seasonal	\$6.066	\$47.753	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Storage - Load Balancing	\$6.398	\$10.215	\$1.531	\$1.044	\$0.486	\$0.166	\$0.086	\$0.080	\$3.005	\$0.081
	Storage - TBS	\$29.017	\$29.017	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Non-DSM Marketing Related Costs	\$3.215	\$41.413	\$0.935	\$0.889	\$0.046	\$0.128	\$0.056	\$0.072	\$1.004	\$0.027
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$169.354	\$1,570.827	\$45.569	\$32.767	\$12.802	\$3.932	\$1.925	\$2.007	\$53.610	\$4.149
	Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	10.8%	100.0%	2.9%	2.1%	0.8%	0.3%	0.1%	0.1%	3.4%	0.3%

SoCalGas Cost Allocation Model Results

v10-3-2008 Embedded Cost

Nominal \$ year = 2008
 2008\$ to Nominal \$ year = 1.000

Results of Cost Allocation Model \$1,000,000's		EG Tier 1	EG Tier 1	EG Tier 2	EG Tier 2	EG Tier 2	EG Tier 2	SOURCE
		Dist	Trans	EG Tier 2	Dist	Trans	Total EG	
Inflated:	Embedded Cost Allocation Model Results:							
	Customer Related Costs	\$0.365	\$0.864	\$3.901	\$0.507	\$3.394	\$5.130	
	Medium Pressure Distribution Costs	\$0.601	\$0.000	\$0.444	\$0.444	\$0.000	\$1.046	
	High Pressure Distribution Costs	\$0.240	\$0.000	\$2.443	\$2.443	\$0.000	\$2.683	
	Backbone Transmission Costs	\$0.572	\$0.149	\$26.054	\$5.226	\$20.828	\$26.776	
	Local Transmission Costs	\$0.990	\$0.258	\$12.718	\$2.551	\$10.167	\$13.966	
	Storage - Seasonal	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
	Storage - Load Balancing	\$0.064	\$0.017	\$2.924	\$0.586	\$2.337	\$3.005	
	Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
	Non-DSM Marketing Related Costs	\$0.014	\$0.013	\$0.977	\$0.444	\$0.533	\$1.004	
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U		\$2.847	\$1.302	\$49.461	\$12.203	\$37.258	\$53.610	
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total		0.2%	0.1%	3.1%	0.8%	2.4%	3.4%	
CA Method =	Embedded Cost							
	Embedded Cost Allocation Model Results:							
	Customer Related Costs	\$0.365	\$0.864	\$3.901	\$0.507	\$3.394	\$5.130	EC Model 10/3/2008
	Medium Pressure Distribution Costs	\$0.601	\$0.000	\$0.444	\$0.444	\$0.000	\$1.046	EC Model 10/3/2008
	High Pressure Distribution Costs	\$0.240	\$0.000	\$2.443	\$2.443	\$0.000	\$2.683	EC Model 10/3/2008
	Backbone Transmission Costs	\$0.572	\$0.149	\$26.054	\$5.226	\$20.828	\$26.776	EC Model 10/3/2008
	Local Transmission Costs	\$0.990	\$0.258	\$12.718	\$2.551	\$10.167	\$13.966	EC Model 10/3/2008
	Storage - Seasonal	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	EC Model 10/3/2008
	Storage - Load Balancing	\$0.064	\$0.017	\$2.924	\$0.586	\$2.337	\$3.005	EC Model 10/3/2008
	Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	EC Model 10/3/2008
	Non-DSM Marketing Related Costs	\$0.014	\$0.013	\$0.977	\$0.444	\$0.533	\$1.004	EC Model 10/3/2008
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	0
	0	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	0
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U		\$2.847	\$1.302	\$49.461	\$12.203	\$37.258	\$53.610	
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total		0.2%	0.1%	3.1%	0.8%	2.4%	3.4%	

SoCalGas Cost Allocation Model Results

v10-3-2008 Embedded Cost

Nominal \$ year = 2008 Cost Alloc
 2008\$ to Nominal \$ year = 1.000 Cost Alloc

Results of Cost Allocation Model \$1,000,000's

	Resid	Core C&I	NR A/C	Gas Eng	NGV	Total Core	NonCore C&I	EG Tier 1	EG Tier 2
Embedded Cost Allocation Model Results:									
Customer Related Costs	\$842.797	\$100.683	\$0.017	\$1.480	\$0.952	\$945.929	\$5.880	\$1.230	\$3.901
Medium Pressure Distribution Costs	\$222.822	\$47.360	\$0.000	\$0.139	\$0.235	\$270.557	\$10.258	\$0.601	\$0.444
High Pressure Distribution Costs	\$22.076	\$6.013	\$0.004	\$0.043	\$0.359	\$28.496	\$4.685	\$0.240	\$2.443
Backbone Transmission Costs	\$25.796	\$9.640	\$0.011	\$0.171	\$1.110	\$36.729	\$13.684	\$0.722	\$26.054
Local Transmission Costs	\$27.726	\$7.617	\$0.005	\$0.057	\$0.657	\$36.061	\$8.596	\$1.248	\$12.718
Storage - Seasonal	\$35.483	\$6.177	\$0.000	\$0.010	\$0.016	\$41.687	\$0.000	\$0.000	\$0.000
Storage - Load Balancing	\$2.640	\$1.032	\$0.001	\$0.019	\$0.125	\$3.817	\$1.531	\$0.081	\$2.924
Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Non-DSM Marketing Related Costs	\$22.600	\$14.848	\$0.000	\$0.007	\$0.743	\$38.198	\$0.935	\$0.027	\$0.977
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$1,201.939	\$193.370	\$0.040	\$1.926	\$4.198	\$1,401.473	\$45.569	\$4.149	\$49.461
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	76.5%	12.3%	0.0%	0.1%	0.3%	89.2%	2.9%	0.3%	3.1%

Scaled LRMC Cost Allocation Model Results:

Customer Related Costs	\$680.296	\$101.356	\$0.037	\$3.608	\$1.223	\$786.521	\$12.808	\$2.206	\$3.111
Medium Pressure Distribution Costs	\$278.528	\$59.205	\$0.003	\$0.178	\$0.295	\$338.209	\$12.828	\$0.749	\$0.554
High Pressure Distribution Costs	\$58.579	\$15.956	\$0.010	\$0.114	\$0.953	\$75.612	\$12.431	\$0.636	\$6.483
Backbone Transmission Costs	\$10.371	\$3.876	\$0.005	\$0.069	\$0.446	\$14.767	\$5.502	\$0.290	\$10.475
Local Transmission Costs	\$60.209	\$16.541	\$0.011	\$0.123	\$1.426	\$78.310	\$18.667	\$0.861	\$29.467
Storage - Seasonal	\$33.247	\$6.062	\$0.001	\$0.001	\$0.019	\$39.330	\$0.000	\$0.000	\$0.000
Storage - Load Balancing	\$1.951	\$0.762	\$0.001	\$0.014	\$0.092	\$2.821	\$1.131	\$0.060	\$2.161
Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Non-DSM Marketing Related Costs	\$15.712	\$10.692	\$0.000	\$0.005	\$0.535	\$26.944	\$0.673	\$0.657	\$0.066
Uncollectibles	\$4.107	\$0.773	\$0.000	\$0.015	\$0.018	\$4.913	\$0.231	\$0.020	\$0.189
NGV compression adder	\$0.000	\$0.000	\$0.000	\$0.000	\$1.278	\$1.278	\$0.000	\$0.000	\$0.000
Total Margin Allocation w/o SI or Fuel Use, w/FF&U	\$1,143.000	\$215.223	\$0.068	\$4.127	\$6.285	\$1,368.704	\$64.270	\$5.479	\$52.505
Total Margin Allocation w/o SI or Fuel Use, w/ FF&U as % total	72.8%	13.7%	0.0%	0.3%	0.4%	87.1%	4.1%	0.3%	3.3%

SoCalGas Cost Allocation Model Results

v10-3-2008 Embedded Cost

Nominal \$ year = 2008
 2008\$ to Nominal \$ year = 1.000

Results of Cost Allocation Model \$1,000,000's	EOR	Total Retail NonCore	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	UBS
Embedded Cost Allocation Model Results:									
Customer Related Costs	\$0.947	\$11.957	\$0.264	\$0.206	\$0.048	\$0.003	\$0.520	\$0.082	\$0.000
Medium Pressure Distribution Costs	\$0.017	\$11.321	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
High Pressure Distribution Costs	\$0.366	\$7.734	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Backbone Transmission Costs	\$1.479	\$41.939	\$1.171	\$12.159	\$0.794	\$1.100	\$15.224	\$0.511	\$0.000
Local Transmission Costs	\$0.829	\$23.391	\$0.910	\$9.459	\$0.651	\$0.649	\$11.669	\$0.308	\$0.000
Storage - Seasonal	\$0.000	\$0.000	\$0.000	\$6.066	\$0.000	\$0.000	\$6.066	\$0.000	\$0.000
Storage - Load Balancing	\$0.166	\$4.701	\$0.124	\$1.305	\$0.087	\$0.123	\$1.639	\$0.057	\$0.000
Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$29.017
Non-DSM Marketing Related Costs	\$0.128	\$2.067	\$0.255	\$0.255	\$0.255	\$0.255	\$1.021	\$0.128	\$0.000
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$3.932	\$103.111	\$2.725	\$29.450	\$1.835	\$2.130	\$36.140	\$1.086	\$29.017
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	0.3%	6.6%	0.2%	1.9%	0.1%	0.1%	2.3%	0.1%	1.8%

Scaled LRMC Cost Allocation Model Results:									
Customer Related Costs	\$0.968	\$19.093	\$0.051	\$0.045	\$0.067	\$0.030	\$0.193	\$0.019	\$0.000
Medium Pressure Distribution Costs	\$0.022	\$14.152	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
High Pressure Distribution Costs	\$0.971	\$20.521	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Backbone Transmission Costs	\$0.595	\$16.862	\$0.471	\$4.889	\$0.319	\$0.442	\$6.121	\$0.206	\$0.000
Local Transmission Costs	\$1.801	\$50.796	\$1.977	\$20.541	\$1.415	\$1.409	\$25.341	\$0.668	\$0.000
Storage - Seasonal	\$0.000	\$0.000	\$0.000	\$5.626	\$0.000	\$0.000	\$5.626	\$0.000	\$0.000
Storage - Load Balancing	\$0.123	\$3.475	\$0.092	\$0.966	\$0.064	\$0.091	\$1.214	\$0.042	\$0.000
Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$34.477
Non-DSM Marketing Related Costs	\$0.092	\$1.488	\$0.184	\$0.184	\$0.184	\$0.184	\$0.735	\$0.092	\$0.563
Uncollectibles	\$0.000	\$0.439	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
NGV compression adder	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Total Margin Allocation w/o SI or Fuel Use, w/FF&U	\$4.572	\$126.825	\$2.774	\$32.251	\$2.049	\$2.156	\$39.230	\$1.028	\$35.040
Total Margin Allocation w/o SI or Fuel Use, w/ FF&U as % total	0.3%	8.1%	0.2%	2.1%	0.1%	0.1%	2.5%	0.1%	2.2%

SoCalGas Cost Allocation Model Results

v10-3-2008 Embedded Cost

Nominal \$ year = 2008
 2008\$ to Nominal \$ year = 1.000

Results of Cost Allocation Model \$1,000,000's	Total NonCore	Total System	NCCI-Total	NCCI-D	NCCI-T	EOR-Total	EOR-D	EOR-T	Total EG	EG Tier 1
Embedded Cost Allocation Model Results:										
Customer Related Costs	\$12.559	\$958.489	\$5.880	\$5.588	\$0.292	\$0.947	\$0.415	\$0.532	\$5.130	\$1.230
Medium Pressure Distribution Costs	\$11.321	\$281.879	\$10.258	\$7.145	\$3.113	\$0.017	\$0.010	\$0.008	\$1.046	\$0.601
High Pressure Distribution Costs	\$7.734	\$36.230	\$4.685	\$3.200	\$1.485	\$0.366	\$0.190	\$0.177	\$2.683	\$0.240
Backbone Transmission Costs	\$57.675	\$94.404	\$13.684	\$9.030	\$4.654	\$1.479	\$0.740	\$0.739	\$26.776	\$0.722
Local Transmission Costs	\$35.368	\$71.429	\$8.596	\$5.871	\$2.725	\$0.829	\$0.429	\$0.400	\$13.966	\$1.248
Storage - Seasonal	\$6.066	\$47.753	\$0.000			\$0.000			\$0.000	\$0.000
Storage - Load Balancing	\$6.398	\$10.215	\$1.531	\$1.044	\$0.486	\$0.166	\$0.086	\$0.080	\$3.005	\$0.081
Storage - TBS	\$29.017	\$29.017	\$0.000			\$0.000			\$0.000	\$0.000
Non-DSM Marketing Related Costs	\$3.215	\$41.413	\$0.935	\$0.889	\$0.046	\$0.128	\$0.056	\$0.072	\$1.004	\$0.027
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$169.354	\$1,570.827	\$45.569	\$32.767	\$12.802	\$3.932	\$1.925	\$2.007	\$53.610	\$4.149
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	10.8%	100.0%	2.9%	2.1%	0.8%	0.3%	0.1%	0.1%	3.4%	0.3%

Scaled LRMC Cost Allocation Model Results:										
Customer Related Costs	\$19.305	\$805.825	\$12.808	\$12.172	\$0.636	\$0.968	\$0.425	\$0.544	\$5.317	\$2.206
Medium Pressure Distribution Costs	\$14.152	\$352.361	\$12.828	\$12.828	\$0.000	\$0.022	\$0.022	\$0.000	\$1.303	\$0.749
High Pressure Distribution Costs	\$20.521	\$96.133	\$12.431	\$12.431	\$0.000	\$0.971	\$0.971	\$0.000	\$7.119	\$0.636
Backbone Transmission Costs	\$23.188	\$37.955	\$5.502	\$3.758	\$1.744	\$0.595	\$0.308	\$0.287	\$10.765	\$0.290
Local Transmission Costs	\$76.805	\$155.115	\$18.667	\$12.776	\$5.891	\$1.801	\$0.998	\$0.802	\$30.328	\$0.861
Storage - Seasonal	\$5.626	\$44.956	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Storage - Load Balancing	\$4.731	\$7.552	\$1.131	\$0.772	\$0.360	\$0.123	\$0.064	\$0.059	\$2.221	\$0.060
Storage - TBS	\$34.477	\$34.477	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Non-DSM Marketing Related Costs	\$2.878	\$29.823	\$0.673	\$0.640	\$0.033	\$0.092	\$0.040	\$0.052	\$0.723	\$0.657
Uncollectibles	\$0.439	\$5.352	\$0.231	\$0.158	\$0.073	\$0.000	\$0.000	\$0.000	\$0.208	\$0.020
NGV compression adder	\$0.000	\$1.278	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
Total Margin Allocation w/o SI or Fuel Use, w/FF&U	\$202.123	\$1,570.827	\$64.270	\$55.533	\$8.737	\$4.572	\$2.828	\$1.744	\$57.984	\$5.479
Total Margin Allocation w/o SI or Fuel Use, w/ FF&U as % total	12.9%	100.0%	4.09%	3.54%	0.56%	0.29%	0.18%	0.11%	3.69%	0.35%

SoCalGas Cost Allocation Model Results
v10-3-2008 Embedded Cost

Nominal \$ year = 2008
2008\$ to Nominal \$ year = 1.000

Results of Cost Allocation Model \$1,000,000's	EG Tier 1		EG Tier 2	EG Tier 2		Total EG	SOURCE
	Dist	Trans		Dist	Trans		
Embedded Cost Allocation Model Results:							
Customer Related Costs	\$0.365	\$0.864	\$3.901	\$0.507	\$3.394	\$5.130	EC Model 10/3/2008
Medium Pressure Distribution Costs	\$0.601	\$0.000	\$0.444	\$0.444	\$0.000	\$1.046	EC Model 10/3/2008
High Pressure Distribution Costs	\$0.240	\$0.000	\$2.443	\$2.443	\$0.000	\$2.683	EC Model 10/3/2008
Backbone Transmission Costs	\$0.572	\$0.149	\$26.054	\$5.226	\$20.828	\$26.776	EC Model 10/3/2008
Local Transmission Costs	\$0.990	\$0.258	\$12.718	\$2.551	\$10.167	\$13.966	EC Model 10/3/2008
Storage - Seasonal			\$0.000			\$0.000	EC Model 10/3/2008
Storage - Load Balancing	\$0.064	\$0.017	\$2.924	\$0.586	\$2.337	\$3.005	EC Model 10/3/2008
Storage - TBS			\$0.000			\$0.000	EC Model 10/3/2008
Non-DSM Marketing Related Costs	\$0.014	\$0.013	\$0.977	\$0.444	\$0.533	\$1.004	EC Model 10/3/2008
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U	\$2.847	\$1.302	\$49.461	\$12.203	\$37.258	\$53.610	
Total Margin Allocation w/o SI or Fuel Use, W/ FF&U as % total	0.2%	0.1%	3.1%	0.8%	2.4%	3.4%	

Scaled LRMC Cost Allocation Model Results:

Customer Related Costs	\$0.655	\$1.551	\$3.111	\$0.404	\$2.706	\$5.317	LRMC Model v10/3/2008
Medium Pressure Distribution Costs	\$0.749	\$0.000	\$0.554	\$0.554	\$0.000	\$1.303	LRMC Model v10/3/2008
High Pressure Distribution Costs	\$0.636	\$0.000	\$6.483	\$6.483	\$0.000	\$7.119	LRMC Model v10/3/2008
Backbone Transmission Costs	\$0.230	\$0.060	\$10.475	\$2.101	\$8.374	\$10.765	LRMC Model v10/3/2008
Local Transmission Costs	\$0.654	\$0.207	\$29.467	\$6.663	\$22.805	\$30.328	LRMC Model v10/3/2008
Storage - Seasonal	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	LRMC Model v10/3/2008
Storage - Load Balancing	\$0.047	\$0.012	\$2.161	\$0.433	\$1.727	\$2.221	LRMC Model v10/3/2008
Storage - TBS	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	LRMC Model v10/3/2008
Non-DSM Marketing Related Costs	\$0.587	\$0.070	\$0.066	\$0.032	\$0.034	\$0.723	LRMC Model v10/3/2008
Uncollectibles	\$0.016	\$0.004	\$0.189	\$0.038	\$0.151	\$0.208	LRMC Model v10/3/2008
NGV compression adder	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	LRMC Model v10/3/2008
Total Margin Allocation w/o SI or Fuel Use, w/FF&U	\$3.575	\$1.905	\$52.505	\$16.708	\$35.796	\$57.984	
Total Margin Allocation w/o SI or Fuel Use, w/ FF&U as % total	0.23%	0.12%	3.34%	1.06%	2.28%	3.69%	

SoCalGas - EOR Credit Calculation
v10-3-2008 Embedded Cost

		Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core			EOR
								C&I	EG Tier 1	EG Tier 2	
EPMC All Excl. Unbundled Storage + EOR		79.8%	12.8%	0.0%	0.1%	0.3%	92.9%	2.9%	0.2%	3.0%	0.0%
EOR Revenue allocated to Other Classes \$000	(\$3,984)	(\$3,179)	(\$509)	(\$0)	(\$5)	(\$11)	(\$3,703)	(\$114)	(\$8)	(\$119)	
EOR Costs allocated to Other Classes \$000	\$4,465	\$3,563	\$570	\$0	\$6	\$12	\$4,151	\$128	\$9	\$133	(\$4,465)

Calculation of EOR Revenue:

	EOR \$000	Source
EOR Revenue:		
EOR-D Revenue		
Customer Charge \$/mo	\$500.00	
# EOR-D Customers	14	Alloc Factors
EOR-D Customer Charge Revenue \$000	\$84	
EOR-D Rate (i.e. average EG-D rate) \$/th	\$0.03745	EG-D Rates / RUN
EOR-D Vols mth/yr	80,880	Alloc Factors
	\$3,029	
Less EOR-D Customer Charge Revenue \$000	\$84	
EOR-D Volumetric Revenue \$000	\$2,945	
EOR-D Volumetric Rate \$/th	\$0.03641	
Total EOR-D Revenue \$000	\$3,029	
EOR-T Revenue (based on TLS rate)	\$1,133	Trans Rate/RUN
Total EOR Revenue \$000	\$4,162	

Calculation of Shareholder's Portion of EOR Revenue:

EOR Revenue \$000	\$4,162	
less EOR's allocated CoUse Transmission \$000	\$0	Cost Alloc
less EOR's allocated CoUse Other \$000	(\$53)	Cost Alloc
less EOR's allocated CoUse Storage Load Balancing \$000	(\$45)	Cost Alloc
less EOR's allocated UAF \$000	(\$494)	Cost Alloc
	\$3,570	
Shareholder's %	5%	
Shareholder's Portion of EOR Revenue \$000	\$178	

Calculation of Ratepayer's portion of EOR Revenue:

EOR Revenue \$000	\$4,162	
less Shareholder's Portion of EOR Revenue \$000	\$178	
EOR revenue Allocated to Other Classes \$000	\$3,984	
less EOR Costs Allocated to Other Classes \$000	\$4,465	Cost Alloc
Net Ratepayer's share of EOR Revenue (i.e. EOR Credit) \$000	(\$482)	

SoCalGas - EOR Credit Calculation
v10-3-2008 Embedded Cost

	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	TBS	Total Non Core	Total System \$000	Source
EPMC All Excl. Unbundled Storage + EOR	6.1%	0.2%	0.5%	0.1%	0.1%	0.9%	0.1%	0.0%	7.1%	100.0%	Alloc Factors
EOR Revenue allocated to Other Classes \$000	(\$241)	(\$7)	(\$21)	(\$5)	(\$5)	(\$37)	(\$3)	\$0	(\$281)	(\$3,984)	
EOR Costs allocated to Other Classes \$000	(\$4,195)	\$8	\$23	\$5	\$6	\$42	\$3	\$0	(\$4,151)	\$0	

Calculation of EOR Revenue:

EOR Revenue:
 EOR-D Revenue
 Customer Charge \$/mo
 # EOR-D Customers
 EOR-D Customer Charge Revenue \$000

 EOR-D Rate (i.e. average EG-D rate) \$/th
 EOR-D Vols mth/yr

 Less EOR-D Customer Charge Revenue \$000
 EOR-D Volumetric Revenue \$000
 EOR-D Volumetric Rate \$/th
 Total EOR-D Revenue \$000

 EOR-T Revenue (based on TLS rate)
Total EOR Revenue \$000

Calculation of Shareholder's Portion of EOR Revenue:

EOR Revenue \$000
 less EOR's allocated CoUse Transmission \$000
 less EOR's allocated CoUse Other \$000
 less EOR's allocated CoUse Storage Load Balancing \$000
 less EOR's allocated UAF \$000

 Shareholder's %
Shareholder's Portion of EOR Revenue \$000

Calculation of Ratepayer's portion of EOR Revenue:

EOR Revenue \$000
 less Shareholder's Portion of EOR Revenue \$000
 EOR revenue Allocated to Other Classes \$000

 less EOR Costs Allocated to Other Classes \$000
Net Ratepayer's share of EOR Revenue (i.e. EOR Credit)

**v10-3-2008 Embedded Cost
MISCELLANEOUS INPUTS**

Inflation Rates:	Average Index (*)	% change/ year	Index to convert from 2008
2008	219.255		1.000
2009	223.932	2.1%	1.021
2010	228.372	2.0%	1.042
2011	233.045	2.0%	1.063
2012	238.568	2.4%	1.088

(*) All urban CPI for greater Los Angeles area, 1982-1984=100

Applicable Franchise Fee Factors

			Source
Wholesale Franchise Factor (Net-to-gross) FFO	1.01505	0.004776	System Avg. Uncollectible rate D.97-07-054 97 PBR
Retail Franchise + Uncollectible Factor FFU	1.02001	0.004864	Uncollectible Rate D.97-07-054 97 PBR
		0.014828	Franchise Rate - Outside LA D.97-07-054 97 PBR
		0.020000	Franchise Rate - Inside LA

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

(\$/Dth @ Ca/Az Border)

\$/dth	Nominal \$	2008 \$'s	Source
2009	\$8.26	\$8.10	2009BCAP Testimony H Emmrich Demand FC p.14
2010	\$7.97	\$7.65	2009BCAP Testimony H Emmrich Demand FC p.14
2011	\$7.71	\$7.24	2009BCAP Testimony H Emmrich Demand FC p.14
average	\$7.98	\$7.66	2009BCAP Testimony H Emmrich Demand FC p.14

BTU Factor. Updated Aug-15-03

1.0302	Mbtu/cf	Demand FC WP p.435 1/11/2008
1,030	Mbtu/mcf	
1 th = 100,000 BTUs		
1,000 Mth = 100,000MBTUs		

Calculation of Brokerage Fee:

Core Broker Fee Rate \$/th	\$0.00148	Broker Fee Study 1-7-2008
Core AYTP Mth/yr	3,591,030	Alloc Factors
Core Broker Fee \$000	\$5,328	
Brokerage Fee	1.020	

Core Broker Fee w/FFU \$000

\$5,435

Calculation of UnAccounted For Gas:

System AYTP Mth/yr	9,613,583	Alloc Factors
% UAF (as % of end use)	<u>0.892%</u>	Demand FC 1/11/2008
UAF Volumes Mth/yr	85,753	
WACOG \$/dth	<u>\$7.66</u>	
UAF \$/yr	<u>\$65,716</u>	

Company Use Gas: Storage Load Balancing

MMCF	<u>354</u>	per Watson Testimony 2009BCAP initially to be assessed fuel charges based on 354 MMcf of fuel (2.5% of 14173)
cf	354,000,000	
Mbtu/cf	<u>1.0302</u>	
Mbtu	364,690,800	
mmbtu	364,691	
therms	<u>3,646,908</u>	
Mth/yr	3,647	
WACOG \$/dth	<u>\$7.66</u>	
Company Use Gas: Storage Load Balancing	<u>\$2,795</u>	

Calculation of Company Use Transmission \$/therm:

Co Use Trans rate as % of end use	<u>0.202%</u>	Demand FC WP p.436 0.199% Receipts converted to % end use
WACOG \$/th	<u>\$0.766</u>	
	\$0.00155	
AYTP mth/yr	<u>9,613,583</u>	Alloc Factors
Co Use Transmission \$000	<u>\$14,882</u>	

Co Use-Other:

	<u>MMBTU</u>	<u>Mth/y</u>	<u>SOURCE</u>
total 2005 & 2006	<u>845,300</u>	8,453	Demand FC WP p.436
annual average	422,650	4,227	
WACOG \$/th		<u>\$0.76633</u>	
Co Use Other \$000		<u>\$3,239</u>	

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	82,291	823	Gas Acquisition Dept (M Lazarus)
average	52,464	525	
WACOG \$/th		\$0.76633	
WISL \$000		\$402	

Integrated ITBA Regulatory Account:

	\$000	ITBA Allocator	Allocated ITBA \$000	Source
SDGE ITBA Balance	\$4,669	13.0%	\$1,119	SDGE RD Model
SCG ITBA Balance	\$3,971	87.0%	\$7,521	2009FC @ 1/16/2008
	\$8,640	100.0%	\$8,640	

Calculation of ITBA Allocator:

	CYTP Mth/yr	ITBA Allocator	Source
SDGE	1,269,223	13.0%	SDGE RD Model
SCG	9,966,960		Alloc Factors
Less EOR	(156,187)		Alloc Factors
Lesss SDGE	(1,283,768)		Alloc Factors
	8,527,005	87.0%	
Total SEU	9,796,228	100.0%	

Core De-Averaging:

Calculation of Adjustment required for fully averaged rates

	Res	CCI	Total	Source
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$1,199,806	\$191,943	\$1,391,749	Cost Alloc
Other Operating Costs and Revenues	\$39,108	\$15,280	\$54,388	Cost Alloc
Transition Costs	\$0	\$0	\$0	Cost Alloc
Regulatory Accounts	\$15,842	\$5,589	\$21,431	Cost Alloc
Revenue Requirement	\$1,254,756	\$212,812	\$1,467,568	
AYTP Mth/yr	2,483,989	970,519	3,454,508	Cost Alloc
average rate of Res & CCI			\$0.425	
* Res Volumes			2,483,989	
= fully averaged Residential Rev Req			\$1,055,265	
less fully de-averaged Res Rev Req			(\$1,254,756)	
Adjustment required for fully averaged rates			(\$199,491)	

Calculation of Current Core Averaging Adjustment:

Current Core averaging per 1999BCAP @ 25% averaged	25%	D.00-04-020 Core Avg = 25%.
adjustment required for fully averaged rates	(\$199,491)	
Current Core Averaging Adjustment \$000	(\$49,873)	

Calculation of Proposed Phasing of Annual De-Averaging Adjustment:

Current Core Averaging Adjustment \$000	(\$49,873)	
% amount	33%	2009BCAP Proposal
Proposed Phasing of Annual De-Averaging Adjustment:	\$16,624	

Calculation of Implied Current Core De-Averaging Adjustments to Date:

Adjustment required for fully averaged rates	(\$199,491)
Implied Current Core De-Averaging	75%
Implied Current Core De-Averaging Adjustments to Date	\$149,618

	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		\$1,254,756	\$212,812				
Adjustment required for fully averaged rates	(\$199,491)	\$1,055,265	\$412,303				
Implied Current Core De-Averaging Adjustments to Date	\$149,618	\$1,204,883	\$262,685	\$149,618	75.0%	(\$49,873)	25.0%
Year 1	\$16,624	\$1,221,508	\$246,060	\$166,242	83.3%	(\$33,248)	16.7%
Year 2	\$16,624	\$1,238,132	\$229,436	\$182,866	91.7%	(\$16,624)	8.3%
Year 3	\$16,624	\$1,254,756	\$212,812	\$199,491	100.0%	\$0	0.0%

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG Tier 1	
Calculation of Local-Transmission Costs under System Integration:									
Local Transmission Costs from Cost Allocation Models w/FFU									
SCG w/FFU \$000	\$27,726	\$7,617	\$5	\$57	\$657	\$36,061	\$8,596	\$1,248	
SDGE w/FFU \$000	\$6,435	\$2,137			\$150	\$8,722	\$401	\$409	
SEU Local Transmission w/FFU, w/o SI \$000	\$34,161	\$9,754	\$5	\$57	\$807	\$44,783	\$8,997	\$1,658	
Remove FFU from Local Transmission Costs:									
SCG FFU Rate	102.00%	102.00%	102.00%	102.00%	102.00%		102.00%	102.00%	
SDGE FFU Rate	102.45%	102.45%			102.45%		102.45%	102.45%	
SCG w/o FFU \$000	\$27,182	\$7,468	\$5	\$55	\$644	\$35,353	\$8,427	\$1,224	
SDGE w/o FFU \$000	\$6,281	\$2,086			\$146	\$8,513	\$392	\$400	
SEU Local Transmission w/oFFU \$000	\$33,463	\$9,553	\$5	\$55	\$790	\$43,867	\$8,819	\$1,623	
Allocate Local-T to SEU classes using CYPM:									
SCG CYPM Mth/Month	414,267	113,810	73	845	9,813	538,807	128,436	5,926	
SCG CYPM exclude SDGE WS Mth/Month	414,267	113,810	73	845	9,813	538,807	128,436	5,926	
SDGE CYPM Mth/month	55,290	18,360	0	0	1,287	74,937	3,447	3,517	
SEU CYPM Mth/month	469,557	132,170	73	845	11,099	613,744	131,883	9,443	
CYPM Allocation % among SEU Classes	44.1%	12.4%	0.0%	0.1%	1.0%	57.6%	12.4%	0.9%	
Allocate to SEU Classes w/o FFU \$000	\$85,975	\$37,883	\$10,663	\$6	\$68	\$895	\$49,516	\$10,640	\$762
Allocate Local-T of each class to each utility using CYTP:									
SCG %	88.2%	86.1%	100.0%	100.0%	88.4%	87.8%	97.4%	62.8%	
SDGE %	11.8%	13.9%	0.0%	0.0%	11.6%	12.2%	2.6%	37.2%	
total %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Integrated Local Transmission Costs w/o FFU:									
SCG w/o FFU \$000	\$33,422	\$9,182	\$6	\$68	\$792	\$43,470	\$10,362	\$478	
SDGE w/o FFU \$000	\$4,461	\$1,481	\$0	\$0	\$104	\$6,046	\$278	\$284	
total w/o FFU \$000	\$37,883	\$10,663	\$6	\$68	\$895	\$49,516	\$10,640	\$762	
Integrated Local Transmission Costs w/ FFU:									
SCG w/ FFU\$000	\$34,091	\$9,366	\$6	\$70	\$808	\$44,340	\$10,569	\$488	
SDGE w/ FFU\$000	\$4,570	\$1,518	\$0	\$0	\$106	\$6,194	\$285	\$291	
total w/ FFU\$000	\$38,661	\$10,883	\$6	\$70	\$914	\$50,534	\$10,854	\$778	

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	
Calculation of Local-Transmission Costs under System Integration:										
Local Transmission Costs from Cost Allocation Models w/FFU										
SCG w/FFU \$000	\$12,718	\$829	\$23,391	\$910	\$9,459	\$651	\$649	\$11,669	\$308	
SDGE w/FFU \$000	\$6,731		\$7,541					0		
SEU Local Transmission w/FFU, w/o SI \$000	\$19,448	\$829	\$30,932	\$910	\$9,459	\$651	\$649	\$11,669	\$308	
Remove FFU from Local Transmission Costs:										
SCG FFU Rate	102.00%	100.00%		101.51%	101.51%	101.51%	101.51%		101.51%	
SDGE FFU Rate	102.45%									
SCG w/o FFU \$000	\$12,468	\$829	\$22,948	\$897	\$9,319	\$642	\$639	\$11,496	\$303	
SDGE w/o FFU \$000	\$6,570		\$7,361					\$0		
SEU Local Transmission w/oFFU \$000	\$19,038	\$829	\$30,309	\$897	\$9,319	\$642	\$639	\$11,496	\$303	
Allocate Local-T to SEU classes using CYPM:										
SCG CYPM Mth/Month	202,748	12,390	349,499	13,601	141,331	9,733	9,694	174,359	4,599	
SCG CYPM exclude SDGE WS Mth/Month	202,748	12,390	349,499	13,601	0	9,733	9,694	33,028	4,599	
SDGE CYPM Mth/month	57,828		64,793					0		
SEU CYPM Mth/month	260,576	12,390	414,292	13,601	0	9,733	9,694	33,028	4,599	
CYPM Allocation % among SEU Classes	24.5%	1.2%	38.9%	1.3%	0.0%	0.9%	0.9%	3.1%	0.4%	
Allocate to SEU Classes w/o FFU \$000	\$85,975	\$21,023	\$1,000	\$33,424	\$1,097	\$0	\$785	\$782	\$2,665	\$371
Allocate Local-T of each class to each utility using CYTP:										
SCG %	77.8%	100.0%	84.4%	100.0%		100.0%	100.0%	100.0%	100.0%	
SDGE %	22.2%	0.0%	15.6%	0.0%		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%	
Integrated Local Transmission Costs w/o FFU:										
SCG w/o FFU \$000	\$16,357	\$1,000	\$28,197	\$1,097	\$0	\$785	\$782	\$2,665	\$371	
SDGE w/o FFU \$000	\$4,665	\$0	\$5,227	\$0	\$0	\$0	\$0	\$0	\$0	
total w/o FFU \$000	\$21,023	\$1,000	\$33,424	\$1,097	\$0	\$785	\$782	\$2,665	\$371	
Integrated Local Transmission Costs w/ FFU:										
SCG w/ FFU\$000	\$16,685	\$1,000	\$28,741	\$1,114	\$0	\$797	\$794	\$2,705	\$377	
SDGE w/ FFU\$000	\$4,780	\$0	\$5,355	\$0	\$0	\$0	\$0	\$0	\$0	
total w/ FFU\$000	\$21,464	\$1,000	\$34,096	\$1,114	\$0	\$797	\$794	\$2,705	\$377	

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	TBS	Total Non Core	Total System \$000	Source
Calculation of Local-Transmission Costs under System Integration:				
Local Transmission Costs from Cost Allocation Models w/FFU				
SCG w/FFU \$000	\$0	\$35,368	\$71,429	Cost Alloc
SDGE w/FFU \$000		\$7,541	\$16,263	SDGE RD Model/ Cost Alloc
SEU Local Transmission w/FFU, w/o SI \$000	\$0	\$42,909	\$87,692	
Remove FFU from Local Transmission Costs:				
SCG FFU Rate				Misc Input
SDGE FFU Rate				SDGE RD Model
SCG w/o FFU \$000		\$34,748	\$70,101	
SDGE w/o FFU \$000		\$7,361	\$15,874	
SEU Local Transmission w/oFFU \$000	\$0	\$42,109	\$85,975	
Allocate Local-T to SEU classes using CYPM:				
SCG CYPM Mth/Month	0	528,457	1,067,264	Alloc Factors
SCG CYPM exclude SDGE WS Mth/Month	0	387,126	925,934	Alloc Factors
SDGE CYPM Mth/month		64,793	139,729	SDGE RD Model/ Alloc Factors
SEU CYPM Mth/month	0	451,919	1,065,663	
CYPM Allocation % among SEU Classes	0.0%	42.4%	100.0%	
Allocate to SEU Classes w/o FFU \$000	\$85,975	\$0	\$36,460	\$85,975
Allocate Local-T of each class to each utility using CYTP:				
SCG %		85.7%	86.9%	
SDGE %		14.3%	13.1%	
total %		100.0%	100.0%	
Integrated Local Transmission Costs w/o FFU:				
SCG w/o FFU \$000	\$0	\$31,232	\$74,702	
SDGE w/o FFU \$000	\$0	\$5,227	\$11,273	
total w/o FFU \$000	\$0	\$36,460	\$85,975	
Integrated Local Transmission Costs w/ FFU:				
SCG w/ FFU\$000	\$0	\$31,822	\$76,162	
SDGE w/ FFU\$000	\$0	\$5,355	\$11,549	
total w/ FFU\$000	\$0	\$37,178	\$87,711	

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG Tier 1	
Calculation of BackBone Transmission Costs under System Integration:									
BBT Transmission Costs from Cost Allocation Models w/FFU,FAR, w/oSI:									
SCG w/FFU \$000	\$25,796	\$9,640	\$11	\$171	\$1,110	\$36,729	\$13,684	\$722	
SDGE w/FFU \$000	\$6,263	\$2,842			\$258	\$9,362	\$685	\$572	
SEU BBT w/FFU w/o SI \$000	\$32,058	\$12,482	\$11	\$171	\$1,368	\$46,091	\$14,369	\$1,293	
Remove FFU from BBT costs:									
SCG FFU Rate	102.00%	102.00%	102.00%	102.00%	102.00%		102.00%	102.00%	
SDGE FFU Rate	102.45%	102.45%			102.45%		102.45%	102.45%	
SCG w/o FFU \$000	\$25,290	\$9,451	\$11	\$168	\$1,089	\$36,008	\$13,416	\$708	
SDGE w/o FFU \$000	\$6,113	\$2,774			\$252	\$9,138	\$669	\$558	
SEU BBT Transmission w/oFFU \$000	\$31,402	\$12,225	\$11	\$168	\$1,340	\$45,147	\$14,084	\$1,265	
Unbundle FAR from BBT:									
SCG BBT w/oFFU; w/FAR \$000	\$25,290	\$9,451	\$11	\$168	\$1,089	\$36,008	\$13,416	\$708	
SEU's FAR Charges w/o FFU \$000	(\$15,221)	(\$6,117)	(\$7)	(\$98)	(\$718)	(\$22,159)	(\$8,020)	(\$596)	
SCG BBT w/oFAR \$000	\$10,069	\$3,334	\$5	\$70	\$371	\$13,849	\$5,396	\$112	
SDGE \$000	\$6,113	\$2,774			\$252	\$9,138	\$669	\$558	
SEU BBT w/oFFU,FAR \$000	\$16,182	\$6,108	\$5	\$70	\$623	\$22,987	\$6,064	\$670	
Allocate SEU BBT to SEU's classes using CYTP:									
SCG CYTP Mth/year	2,723,455	1,017,771	1,210	18,080	117,231	3,877,747	1,444,730	76,202	
SCG CYTP exclude SDGE WS Mth/year	2,723,455	1,017,771	1,210	18,080	117,231	3,877,747	1,444,730	76,202	
SDGE CYTP mth/yr	326,003	158,725	0	0	15,238	499,967	40,463	33,749	
SEU CYTP Mth/year	3,049,458	1,176,496	1,210	18,080	132,469	4,377,714	1,485,193	109,950	
CYTP Allocation % among SEU Classes	30.8%	11.9%	0.0%	0.2%	1.3%	44.2%	15.0%	1.1%	
Allocate to SEU Classes w/oFAR,FFU \$	\$61,639	\$18,987	\$7,325	\$8	\$113	\$825	\$27,257	\$9,247	\$685
Allocate BBT of each class to each utility using CYTP:									
Each SCG class as a % of SEU class total	89.3%	86.5%	100.0%	100.0%	88.5%	88.6%	97.3%	69.3%	
Each SDGE class as a % of SEU class total	10.7%	13.5%	0.0%	0.0%	11.5%	11.4%	2.7%	30.7%	
total %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
Integrated BBT Transmission Costs w/o FAR,FFU:									
SCG w/o FAR, FFU \$000	\$16,957	\$6,337	\$8	\$113	\$730	\$24,144	\$8,995	\$474	
SDGE w/o FAR, FFU \$000	\$2,030	\$988	\$0	\$0	\$95	\$3,113	\$252	\$210	
total w/o FAR,FFU \$000	\$18,987	\$7,325	\$8	\$113	\$825	\$27,257	\$9,247	\$685	
Integrated BBT Transmission Costs w/o FAR; w/ FFU:									
SCG w/FFU \$000	\$17,297	\$6,464	\$8	\$115	\$745	\$24,628	\$9,176	\$484	
SDGE w/FFU \$000	\$2,080	\$1,013	\$0	\$0	\$97	\$3,189	\$258	\$215	
total w/FFU \$000	\$19,376	\$7,476	\$8	\$115	\$842	\$27,817	\$9,434	\$699	

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	
Calculation of BackBone Transmission Costs under System Integration:										
BBT Transmission Costs from Cost Allocation Models w/FFU,FAR, w/oSI:										
SCG w/FFU \$000	\$26,054	\$1,479	\$41,939	\$1,171	\$12,159	\$794	\$1,100	\$15,224	\$511	
SDGE w/FFU \$000	\$10,875		\$12,132					0		
SEU BBT w/FFU w/o SI \$000	\$36,929	\$1,479	\$54,071	\$1,171	\$12,159	\$794	\$1,100	\$15,224	\$511	
Remove FFU from BBT costs:										
SCG FFU Rate	102.00%	100.00%		101.51%	101.51%	101.51%	101.51%		101.51%	
SDGE FFU Rate	102.45%									
SCG w/o FFU \$000	\$25,543	\$1,479	\$41,146	\$1,154	\$11,979	\$782	\$1,084	\$14,998	\$504	
SDGE w/o FFU \$000	\$10,615		\$11,842					\$0		
SEU BBT Transmission w/oFFU \$000	\$36,158	\$1,479	\$52,987	\$1,154	\$11,979	\$782	\$1,084	\$14,998	\$504	
Unbundle FAR from BBT:										
SCG BBT w/oFFU; w/FAR \$000	\$25,543	\$1,479	\$41,146	\$1,154	\$11,979	\$782	\$1,084	\$14,998	\$504	
SEU's FAR Charges w/o FFU \$000	(\$18,378)	(\$846)	(\$27,840)	(\$634)	\$0	(\$443)	(\$629)	(\$1,706)	(\$292)	
SCG BBT w/oFAR \$000	\$7,165	\$633	\$13,306	\$520	\$11,979	\$339	\$455	\$13,292	\$211	
SDGE \$000	\$10,615		\$11,842					0		
SEU BBT w/oFFU,FAR \$000	\$17,780	\$633	\$25,148	\$520	\$11,979	\$339	\$455	\$13,292	\$211	
Allocate SEU BBT to SEU's classes using CYTP:										
SCG CYTP Mth/year	2,750,762	156,187	4,427,880	123,645	1,283,768	83,795	116,135	1,607,343	53,990	
SCG CYTP exclude SDGE WS Mth/year	2,750,762	156,187	4,427,880	123,645	0	83,795	116,135	323,574	53,990	
SDGE CYTP mth/yr	642,167	0	716,379	0	0	0	0	0	0	
SEU CYTP Mth/year	3,392,929	156,187	5,144,259	123,645	0	83,795	116,135	323,574	53,990	
CYTP Allocation % among SEU Classes	34.3%	1.6%	52.0%	1.2%	0.0%	0.8%	1.2%	3.3%	0.5%	
Allocate to SEU Classes w/oFAR,FFU \$	\$61,639	\$21,126	\$972	\$32,030	\$770	\$0	\$522	\$723	\$2,015	\$336
Allocate BBT of each class to each utility using CYTP:										
Each SCG class as a % of SEU class total	81.1%	100.0%	86.1%	100.0%		100.0%	100.0%	100.0%	100.0%	
Each SDGE class as a % of SEU class total	18.9%	0.0%	13.9%	0.0%		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%	
Integrated BBT Transmission Costs w/o FAR,FFU:										
SCG w/o FAR, FFU \$000	\$17,127	\$972	\$27,570	\$770	\$0	\$522	\$723	\$2,015	\$336	
SDGE w/o FAR, FFU \$000	\$3,998	\$0	\$4,460	\$0	\$0	\$0	\$0	\$0	\$0	
total w/o FAR,FFU \$000	\$21,126	\$972	\$32,030	\$770	\$0	\$522	\$723	\$2,015	\$336	
Integrated BBT Transmission Costs w/o FAR; w/ FFU:										
SCG w/FFU \$000	\$17,470	\$972	\$28,102	\$781	\$0	\$530	\$734	\$2,045	\$341	
SDGE w/FFU \$000	\$4,096	\$0	\$4,570	\$0	\$0	\$0	\$0	\$0	\$0	
total w/FFU \$000	\$21,567	\$972	\$32,672	\$781	\$0	\$530	\$734	\$2,045	\$341	

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	TBS	Total Non Core	Total System \$000	Source
Calculation of BackBone Transmission Costs under System Integration:				
BBT Transmission Costs from Cost Allocation Models w/FFU,FAR, w/oSI:				
SCG w/FFU \$000	\$0	\$57,675	\$94,404	Cost Alloc
SDGE w/FFU \$000		\$12,132	\$21,494	SDGE RD Model/ Cost Alloc
SEU BBT w/FFU w/o SI \$000	\$0	\$69,807	\$115,898	
Remove FFU from BBT costs:				
SCG FFU Rate				Misc Incpnt
SDGE FFU Rate				SDGE RD Model
SCG w/o FFU \$000		\$56,648	\$92,656	
SDGE w/o FFU \$000		\$11,842	\$20,980	
SEU BBT Transmission w/oFFU \$000	\$0	\$68,490	\$113,636	
Unbundle FAR from BBT:				
SCG BBT w/oFFU; w/FAR \$000	\$0	\$56,648	\$92,656	
SEU's FAR Charges w/o FFU \$000	\$0	(\$29,838)	(\$51,997)	
SCG BBT w/oFAR \$000	\$0	\$26,810	\$40,658	
SDGE \$000		\$11,842	\$20,980	
SEU BBT w/oFFU,FAR \$000	\$0	\$38,651	\$61,639	
Allocate SEU BBT to SEU's classes using CYTP:				
SCG CYTP Mth/year	0	6,089,213	9,966,960	Alloc Factors
SCG CYTP exclude SDGE WS Mth/year	0	4,805,445	8,683,192	Alloc Factors
SDGE CYTP mth/yr	0	716,379	1,216,345	SDCG EC Model
SEU CYTP Mth/year	0	5,521,824	9,899,537	
CYTP Allocation % among SEU Classes	0.0%	55.8%	100.0%	
Allocate to SEU Classes w/oFAR,FFU \$	\$61,639	\$34,381	\$61,639	
Allocate BBT of each class to each utility using CYTP:				
Each SCG class as a % of SEU class total		87.0%	87.7%	
Each SDGE class as a % of SEU class total		13.0%	12.3%	
total %		100.0%	100.0%	
Integrated BBT Transmission Costs w/o FAR,FFU:				
SCG w/o FAR, FFU \$000	\$0	\$29,921	\$54,065	
SDGE w/o FAR, FFU \$000	\$0	\$4,460	\$7,573	
total w/o FAR,FFU \$000	\$0	\$34,381	\$61,639	
Integrated BBT Transmission Costs w/o FAR; w/ FFU:				
SCG w/FFU \$000	\$0	\$30,488	\$55,116	
SDGE w/FFU \$000	\$0	\$4,570	\$7,759	
total w/FFU \$000	\$0	\$35,058	\$62,875	

System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG Tier 1	
Calculation of FAR Revenues:									
Allocate FAR demand based on AYTP:									
SCG AYTP mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030	1,440,163	76,202	
SCG AYTP with SDGE Wholesale removed for SI mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030	1,440,163	76,202	
SDGE AYTP mth/yr	326,003	158,725	0	0	15,238	499,967	40,463	33,749	
SEU's Total AYTP for SI Mth/yr	2,809,992	1,129,244	1,210	18,080	132,469	4,090,996	1,480,626	109,950	
% AYTP by SEU Class	29.3%	11.8%	0.0%	0.2%	1.4%	42.6%	15.4%	1.1%	
FAR Demand Dth/d (1)	2,906,194	850,697	341,867	366	5,474	40,104	1,238,507	448,244	33,286
FAR Demand by each utility:									
SCG's % of AYTP	88.4%	85.9%	100.0%	100.0%	88.5%	87.8%	97.3%	69.3%	
SCG dth/d	752,002	293,815	366	5,474	35,490	1,087,148	435,995	23,069	
SDGE dth/day	98,694	48,052	0	0	4,613	151,360	12,250	10,217	
	850,697	341,867	366	5,474	40,104	1,238,507	448,244	33,286	
Calculate SEU FAR Charges to unbundle:									
Allocate FAR removal:									
SCG AYTP %	29.6%	11.6%	0.0%	0.2%	1.4%	42.8%	17.2%	0.9%	
SDGE AYTP %	26.8%	13.0%	0.0%	0.0%	1.3%	41.1%	3.3%	2.8%	
SCG FAR w/o FFU	\$45,409	\$13,455	\$5,257	\$7	\$98	\$635	\$19,451	\$7,801	\$413
SDGE FAR w/o FFU	\$6,588	\$1,766	\$860	\$0	\$0	\$83	\$2,708	\$219	\$183
SEU's FAR Charges w/o FFU \$000	\$51,997	\$15,221	\$6,117	\$7	\$98	\$718	\$22,159	\$8,020	\$596
Calculate FAR charges to each utility w/FFU:									
SCG AYTP %	29.6%	11.6%	0.0%	0.2%	1.4%	42.8%	17.2%	0.9%	
SDGE AYTP %	26.8%	13.0%	0.0%	0.0%	1.3%	41.1%	3.3%	2.8%	
SCG's FAR Charges w/ FFU \$000	\$46,318	\$13,724	\$5,362	\$7	\$100	\$648	\$19,840	\$7,957	\$421
SDGE's FAR Charges w/ FFU	\$6,720	\$1,801	\$877	\$0	\$0	\$84	\$2,762	\$224	\$186
SEU FAR Charges Allocated w/ FFU	\$53,038	\$15,525	\$6,239	\$7	\$100	\$732	\$22,603	\$8,180	\$607

System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost

	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN	
Calculation of FAR Revenues:										
Allocate FAR demand based on AYTP:										
SCG AYTP mth/yr	2,750,762	156,187	4,423,313	117,093	1,230,285	81,737	116,135	1,545,250	53,990	
SCG AYTP with SDGE Wholesale removed for SI mth/yr	2,750,762	156,187	4,423,313	117,093	0	81,737	116,135	314,965	53,990	
SDGE AYTP mth/yr	642,167	0	716,379	0	0	0	0	0	0	
SEU's Total AYTP for SI Mth/yr	3,392,929	156,187	5,139,692	117,093	0	81,737	116,135	314,965	53,990	
% AYTP by SEU Class	35.3%	1.6%	53.5%	1.2%	0.0%	0.9%	1.2%	3.3%	0.6%	
FAR Demand Dth/d (1)	2,906,194	1,027,175	47,284	1,555,989	35,449	0	24,745	35,159	95,352	16,345
FAR Demand by each utility:										
SCG's % of AYTP	81.1%	100.0%	86.1%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	
SCG dth/d	832,765	47,284	1,339,113	35,449	0	24,745	35,159	95,352	16,345	
SDGE dth/day	194,410	0	216,876	0	0	0	0	0	0	
	1,027,175	47,284	1,555,989	35,449	0	24,745	35,159	95,352	16,345	
Calculate SEU FAR Charges to unbundle:										
Allocate FAR removal:										
SCG AYTP %	32.8%	1.9%	52.8%	1.4%	0.0%	1.0%	1.4%	3.8%	0.6%	
SDGE AYTP %	52.8%	0.0%	58.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
SCG FAR w/o FFU	\$45,409	\$14,900	\$846	\$23,959	\$634	\$0	\$443	\$629	\$1,706	\$292
SDGE FAR w/o FFU	\$6,588	\$3,478	\$0	\$3,880	\$0	\$0	\$0	\$0	\$0	\$0
SEU's FAR Charges w/o FFU \$000	\$51,997	\$18,378	\$846	\$27,840	\$634	\$0	\$443	\$629	\$1,706	\$292
Calculate FAR charges to each utility w/FFU:										
SCG AYTP %	32.8%	1.9%	52.8%	1.4%	0.0%	1.0%	1.4%	3.8%	0.6%	
SDGE AYTP %	52.8%	0.0%	58.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
SCG's FAR Charges w/ FFU \$000	\$46,318	\$15,198	\$863	\$24,439	\$647	\$0	\$452	\$642	\$1,740	\$298
SDGE's FAR Charges w/ FFU	\$6,720	\$3,548	\$0	\$3,958	\$0	\$0	\$0	\$0	\$0	\$0
SEU FAR Charges Allocated w/ FFU	\$53,038	\$18,746	\$863	\$28,397	\$647	\$0	\$452	\$642	\$1,740	\$298

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	TBS	Total Non Core	Total System \$000	Source
Calculation of FAR Revenues:				
Allocate FAR demand based on AYTP:				
SCG AYTP mth/yr	0	6,022,553	9,613,583	Alloc Factors
SCG AYTP with SDGE Wholesale removed for SI mth/yr	0	4,792,268	8,383,298	
SDGE AYTP mth/yr	0	716,379	1,216,345	SDGE RD Model
SEU's Total AYTP for SI Mth/yr	0	5,508,647	9,599,643	
% AYTP by SEU Class	0.0%	57.4%	100.0%	
FAR Demand Dth/d (1)	2,906,194	0	1,667,687	2,906,194
FAR Demand by each utility:				
SCG's % of AYTP	0.0%	87.0%	87.3%	
SCG dth/d	0	1,450,810	2,537,958	
SDGE dth/day	0	216,876	368,236	
	0	1,667,687	2,906,194	
Calculate SEU FAR Charges to unbundle:				
Allocate FAR removal:				
SCG AYTP %	0.0%	57.2%	100.0%	
SDGE AYTP %	0.0%	58.9%	100.0%	
SCG FAR w/o FFU	\$45,409	\$0	\$25,958	\$45,409
SDGE FAR w/o FFU	\$6,588	\$0	\$3,880	\$6,588
SEU's FAR Charges w/o FFU \$000	\$51,997	\$0	\$29,838	\$51,997
Calculate FAR charges to each utility w/FFU:				
SCG AYTP %	0.0%	57.2%	100.0%	
SDGE AYTP %	0.0%	58.9%	100.0%	
SCG's FAR Charges w/ FFU \$000	\$46,318	\$0	\$26,477	\$46,318
SDGE's FAR Charges w/ FFU	\$6,720	\$0	\$3,958	\$6,720
SEU FAR Charges Allocated w/ FFU	\$53,038	\$0	\$30,435	\$53,038

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core	Non Core C&I	EG Tier 1
FAR Demand Dth/d and Charges:	FAR Demand	Source						
FAR Demand mmcf (1)	2,821	G-3407						
1mmcf per 1,000,000 cf	1,000,000							
= cfd	2,821,000,000							
Mbtu/ 1cf	1.03020	Misc Input						
= mbtu/d	2,906,194,200							
1 therm per 100 MBTUs	100							
= therms/day	29,061,942							
1dth per 10 therms	10							
= FAR Demand Dth/d	2,906,194							
days/year	365							
FAR Charge w/FFU \$/dth/day	\$0.05000							
SEU Far Revenue w/FFU \$000	\$53,038							
SCG's FFU Rate	1.02001	Misc Input						
SEU Far Revenue to be unbundled w/o FFU \$000	\$51,997							
Allocation of FAR between utilities:	mth/yr	%						
SCG AYTP with SDGE Wholesale removed for SI	8,383,298	87.3%						
SDGE AYTP	1,216,345	12.7%						
	9,599,643	100.0%						
Allocate SEU Far Revenue w/FFU \$000								
SCG	\$46,318	87.3%						
SDGE	\$6,720	12.7%						
	\$53,038	100.0%						
Allocate SEU Far Revenue w/o FFU \$000								
SCG	\$45,409	87.3%						
SDGE	\$6,588	12.7%						
	\$51,997	100.0%						

(1) FAR demand Dth/day per demand used to set rates (i.e.G-3407).

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	EG Tier 2	EOR	Total Retail Non Core	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale	DGN
FAR Demand Dth/d and Charges:									
FAR Demand mmcf/d (1)									
1mmcf per 1,000,000 cf									
= cfd									
Mbtu/ 1cf									
= mbtu/d									
1 therm per 100 MBTUs									
= therms/day									
1dth per 10 therms									
= FAR Demand Dth/d									
days/year									
FAR Charge w/FFU \$/dth/day									
SEU Far Revenue w/FFU \$000									
SCG's FFU Rate									
SEU Far Revenue to be unbundled w/o FFU \$000									

Allocation of FAR between utilities:

SCG AYTP with SDGE Wholesale removed for SI mth/yr
SDGE AYTP mth/yr

Allocate SEU Far Revenue w/FFU \$000

SCG
SDGE

Allocate SEU Far Revenue w/o FFU \$000

SCG
SDGE

(1) FAR demand Dth/day per demand used to set rates (i.e.G-3407).

**System Integration ("SI") and Firm Access Rights ("FAR") charge
v10-3-2008 Embedded Cost**

	TBS	Total Non Core	Total System \$000	Source
FAR Demand Dth/d and Charges:				
FAR Demand mmcfd (1)				
1mmcf per 1,000,000 cf				
= cfd				
Mbtu/ 1cf				
= mbtu/d				
1 therm per 100 MBTUs				
= therms/day				
1dth per 10 therms				
= FAR Demand Dth/d				
days/year				
FAR Charge w/FFU \$/dth/day				
SEU Far Revenue w/FFU \$000				
SCG's FFU Rate				
SEU Far Revenue to be unbundled w/o FFU \$000				

Allocation of FAR between utilities:
 SCG AYTP with SDGE Wholesale removed for SI mth/yr
 SDGE AYTP mth/yr

Allocate SEU Far Revenue w/FFU \$000
 SCG
 SDGE

Allocate SEU Far Revenue w/o FFU \$000
 SCG
 SDGE

(1) FAR demand Dth/day per demand used to set rates (i.e.G-3407).

SoCalGas
Residential Rate Design
v10-3-2008 Embedded Cost

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
- #2 Calculation of Customer Charge Revenue
- #3 Calculate SF, MF & SMM Volumetric Revenue
- #4 Calculation of BL Rate & Revenue for SF, MF & SMM
- #5 Calculation of NonBaseline Revenue & NonBaseline Rate
- #6 Verification of NBL/Composite Rate Ratio
- #7 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 (Sched GR)	\$5.00	\$0.30331	\$0.50985		3,676,464				\$220,588				
MF (Sched GS)	\$5.00	\$0.30331	\$0.50985		1,685,965				\$101,158				
SMM (Sched GM)	\$5.00	\$0.30331	\$0.50985		92,860				\$5,572				
Total SF, MF & SMM	\$5.00	\$0.30331	\$0.50985	\$0.36751	5,455,289	1,703,882	768,363	2,472,246	\$327,317	\$516,810	\$391,753	\$908,563	\$1,235,881
LMM (Sched GMB)	\$340	\$0.18493	\$0.31086	\$0.21416	61	9,017	2,726	11,743	\$249	\$1,668	\$848	\$2,515	\$2,764
Total SF, MF, SMM & LMM	\$5.00	\$0.30269	\$0.50915	\$0.36678	5,455,350	1,712,899	771,090	2,483,989	\$327,566	\$518,478	\$392,601	\$911,078	\$1,238,645
Submeter Credit \$/unit/day (Sched GS)				(\$0.30805)	149,095							(\$16,764)	(\$16,764)
Total Residential													\$1,221,880
CAT Adder				\$0.00086				13,319				\$11	\$11
Total Residential					5,455,350			2,483,989	\$327,566			\$894,326	\$1,221,892

Residential Demand Data:

Class	Tariff	# Customers	Mth/year Base Line	Mth/year Non Base Line	Mth/year Total	Source
Single Family	GR	3,676,464	n/a	n/a	n/a	Res data
Multi Family	GS	1,685,965	n/a	n/a	n/a	Res data
Small Master Meter	GM	92,860	n/a	n/a	n/a	Res data
		5,455,289	1,703,882	768,363	2,472,246	
Large Master Meter	GMB	61	9,017	2,726	11,743	Res data
total		5,455,350	1,712,899	771,090	2,483,989	Res data
# Master Meters w/ Submeter	GS	1,872	n/a	n/a	n/a	Res data
Total # Submetered units	GS	149,095	n/a	n/a	n/a	Res data
CAT		n/a	n/a	n/a	13,319	Alloc Factors

#1 Calculate LMM revenue		Source
Total Res Customer Costs =	\$842,797	Cost Alloc
Total Res Customer Charge Revenue =	(\$327,566)	
Submeter Credit =	\$16,764	
	\$531,995	
total Res Mth/y =	248,399	
Average Res Rate =	\$0.21	
LMM Mth/y =	11,743	
LMM Volumetric Revenue incl CAT Costs=	\$2,515	
Less CAT Costs allocated to LMM \$000	(\$0.1)	
LMM Volumetric Revenue NonCAT =	\$2,515	
LMM Customer Charge Revenue =	\$249	
LMM revenue NonCAT \$000's/yr =	\$2,764	

#1a Calculate Submeter Credit Revenues		Source
Based on Current Rate:		
Submeter Credit, \$/day/unit	(\$0.30805)	Tariff Sched GS, January 2008
Number of Submetered Units =	149,095	
Number of days for subMeter CR =	365	
Submeter Credit Revenues @ current rate \$000/yr =	(\$16,764)	

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	\$2,984		Res SRM Data
# Res Customers =	5,455,289	61	5,455,350	
Total cost based on new meter unit cost \$000	\$291,143	\$182	\$291,325	
% of total =	99.9%	0.1%	100.0%	
Total Customer Costs Allocated to Res Class \$000	\$842,797	\$842,797	\$842,797	Alloc factors
Customer Charge Rev based on Allocated Cost Adjusted for Meter Cost \$000	\$842,269	\$527	\$842,797	
# Res Customers =	5,455,289	61	5,455,350	
Customer Charge based on Allocated Cust Cost & Meter cost \$/mo =	\$13	\$719	\$13	

Calculation of LMM Customer Charge based on Cap on increase

	LMM	Source
Current LMM Customer Charge \$/meter/day	\$10.156	Tariff Schd GM January 2008
	365	
	12	
Current LMM Customer Charge \$/mo=	\$309	
LMM Cust Charge Increase Cap =	10%	2005BCAP
LMM Cust Charge at Capped Increase \$/mo =	\$340	
compare to Cust Charge based on Customer Costs & meter unit cost	\$719	
Customer Charge = smaller of Meter Based & Capped Increase =	\$340	
# Customers =	61	
LMM Customer Charge Rev \$000's/yr =	\$249	

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

		Source
CAT Related Costs allocated to Res \$000	\$11.5	Cost Alloc
CAT Volumes Mth/yr	13,319	
CAT Rate Adder \$/th	\$0.00086	

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

	Forecast Mth/yr	%	CAT related costs \$000	Source
Res Vols Mth/yr	2,483,989	99.5%	\$11.4	
LMM Vols Mth/yr	11,743	0.5%	\$0.1	
	2,495,733	100.0%	\$11.5	Cost Alloc

#2 Calculation of Customer Charge Revenue

	# Customers	Proposed Rate \$/mo	Proposed Revenue \$000/yr	Source
SF	3,676,464	\$5.00	\$220,588	
MF	1,685,965	\$5.00	\$101,158	
SMM	92,860	\$5.00	\$5,572	
LMM	61	\$340	\$249	
			\$327,566	

#3 Calculate SF, MF & SMM Volumetric Revenue

		Source
Total Res Allocated Rev Req =	\$1,221,892	Cost Alloc
Less CAT Cost allocated to SF, MF & SMM	(\$11.4)	
Total Res Allocated Rev Req NonCAT =	\$1,221,880	
Less LMM revenue NonCAT =	\$2,764	
SF, MF & SMM Revenue \$000/yr =	\$1,219,116	
Less Cust Chg Rev \$000/yr		
SF	\$220,588	
MF	\$101,158	
SMM	\$5,572	
	\$327,317	
SubMeter Credit	(\$16,764)	
Vol revenue SF, MF & SMM:	\$875,035	

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

*NBL revenue = 105% * Composite Rate*

Composite Rate = (Baseline Revenue + Customer Charge Revenue + SubMeter Credit)/Baseline Volumes

*Total revenue = (Blrate*Blvols) + Cust Charge Rev + SubMeterCR + (((Blvols * Blrate) + Cust Charge Rev + SubMeterCR)*(1/Blvols))*ratio)*NBLvols)*

*Baseline Rate = ((tr-ccr-sc-(ratio*ccr*nblv*(1/blv))-(ratio*sc*nblv*(1/blv)))*(1/(1+(ratio*nblv/blv))))*(1/blv)*

	Source
SF, MF & SMM Revenue = tr =	\$1,219,116
Customer Charge revenue = ccr =	\$327,317
SubMeter Credit = sc =	(\$16,764)
Base Line Vols mth/yr = blv =	1,703,882
NBL/Composite rate ratio = Ratio =	1.05 2009BCAP Proposal
NonBaseline Vols mth/yr= nblv =	768,363
Base Line Rate \$/th = blr =	\$0.30331

Calculation of Baseline Revenue \$000:

Base Line Vols mth/yr =	1,703,882
BaseLine Rate \$/th =	\$0.30331
Baseline Revenue \$000 =	\$516,810

#5 Calculation of NonBaseline Revenue & NonBaseline Rate

SF, MF & SMM Revenue \$000	\$1,219,116
Customer Charge revenue \$000	\$327,317
SubMeter Credit \$000	(\$16,764)
Baseline Revenue \$000	\$516,810
NonBaseline Revenue \$000	\$391,753
NonBaseline Vols mth/yr	768,363
NonBaseline Rate \$/th	\$0.50985

#6 Verification of NBL/Composite Rate Ratio

NBL Rate =	\$0.50985
Composite Rate:	
Baseline Revenue \$000	\$516,810
Customer Charge revenue \$000	\$327,317
SubMeter Credit \$000	(\$16,764)
	\$827,363
Base Line Vols mth/yr =	1,703,882
Composite Rate \$/th	\$0.48558
Composite Rate Ratio	1.05

#7 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= \$2,515

Blvolumes = 9,017

proposed SF NBL/Blratio:

SF BL rate = \$0.30331

SF NBL rate = \$0.50985

ratio 1.68

NBLvolumes = 2,726

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 =	\$0.18493	9,017	\$1,668
NBLrate = Blrate * ratio = \$/th	\$0.31086	2,726	\$848
	<u>\$0.21416</u>	<u>11,743</u>	<u>\$2,515</u>
ratio of proposed rates =	1.68		

**SoCalGs Residential Rate Design Data
v10-3-2008 Embedded Cost**

Residential Customer Class Data for 2006	Tariff	# Customers	Mth/year Base	Mth/year Non	Mth/year Total	Source
			Line	Base Line		
Single Family	GR	3,552,186	1,139,619	616,180	1,755,799	2006 Actual Data KP 6/2/2008
Multi Family	GR	1,628,973	308,371	63,646	372,017	2006 Actual Data KP 6/2/2008
Master Meters:						
Small Master Meter	GM	89,721	198,803	62,793	261,596	2006 Actual Data KP 6/2/2008
Large Master Meter	GMB	59	8,715	2,635	11,350	2006 Actual Data KP 6/2/2008
# master meters		89,780	207,518	65,428	272,946	
total		5,270,939	1,655,508	745,254	2,400,762	
# Master Meters w/ Submeters	GS	1,809	n/a	n/a	n/a	2006 Actual Data KP 6/2/2008
Total # Submetered units	GS	144,055	n/a	n/a	n/a	2006 Actual Data KP 6/2/2008

2006 actuals as % of total

Single Family	GR	67.4%	47.5%	25.7%	73.1%	
Multi Family	GR	30.9%	12.8%	2.7%	15.5%	
Master Meters:						
Small Master Meter	GM	1.7%	8.3%	2.6%	10.9%	
Large Master Meter	GMB	0.0%	0.4%	0.1%	0.5%	
# master meters		1.7%	8.6%	2.7%	11.4%	
total		100.0%	69.0%	31.0%	100.0%	
# Master Meters w/ Submeters	GS	2.0%	n/a	n/a	n/a	
Average # submeters per master meter	GS	80	n/a	n/a	n/a	

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

2009BCAP Forecast		5,455,350			2,483,989	Alloc Factors
Single Family						
Single Family	GR	3,676,464	1,179,126	637,541	1,816,667	
Multi Family	GR	1,685,965	319,061	65,852	384,914	
Master Meters:						
Small Master Meter	GM	92,860	205,695	64,970	270,665	
Large Master Meter	GMB	61	9,017	2,726	11,743	
# master meters		92,921	214,712	67,696	282,408	
total		5,455,350	1,712,899	771,090	2,483,989	
# Master Meters w/ Submeters	GS	1,872	n/a	n/a	n/a	
Total # Submetered units	GS	149,095	n/a	n/a	n/a	

SoCalGas
 Res Meter Size Data
 v10-3-2008 Embedded Cost

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%	358,214	5,131,071		5,131,071
2	\$57	20	121,196	2.3%	8,663	129,859		129,859
3	\$104	19	157,870	2.8%	10,720	168,590		168,590
4	\$481	18	15,809	0.3%	1,017	16,826		16,826
5	\$529	17	1,810	0.0%	110	1,920	0	1,920
6	\$630	16	3,925	0.1%	224	4,149	0	4,149
7	\$605	15	382	0.0%	20	402	0	402
8	\$652	14	1,827	0.0%	91	1,918	0	1,918
9	\$981	13	360	0.0%	17	377	0	377
10	\$1,322	12	193	0.0%	8	201	24	177
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		379,085	5,455,350	61	5,455,289
Forecasted Customers			5,455,350	<i>Alloc Factors</i>			61	<i>Res Data</i>
Scalar			379,085					
Meter Cost =						\$53.40	\$2,984.24	\$53.37

**SoCalGas Core C&I Rate Design
v10-3-2008 Embedded Cost**

Procedures:

- #1 Calculate # customers by Tier
- #2 Calculate # Therms by Tier (w/o seasonality in tier 1)
- #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	127,666		\$22,980
Tier 2 >1,000 th/yr	\$15.00	87,620		\$15,772
Customer Charge	\$15.00	215,286		\$38,752
Tier 1 0 to 250 th/mo	\$0.39131		215,926	\$84,495
Tier 2 250 to 4,167 th/mo	\$0.21557		488,341	\$105,271
Tier 3 over 4,167 th/mo	\$0.06606		266,252	\$17,590
Total Volumetric	\$0.21365		970,519	\$207,355
Total Volumetric & Customer Charge	\$0.25358		970,519	\$246,107
CAT Adder	\$0.00086		17,488	\$15
Total CCI	\$0.25360		970,519	\$246,122

Alloc Factors

#1 Calculate # customers by Tier

	2006 #		Forecast #	
	Bills/yr	% total	Customers	Source
Tier 1	1,272,681	59.3%	127,666	Recorded 2006
Tier 2	873,465	40.7%	87,620	Recorded 2006
	2,146,146	100.0%	215,286	Alloc Factors

#2 Calculate # Therms by Tier (w/o seasonality in tier 1)

2006 Mdth/yr	2006 Total Mdth/yr	% total	Forecast Volumes Mth/yr	Source
Tier 1 *	228,577.2	22.2%	215,926	Recorded 2006
Tier 2	516,953.6	50.3%	488,341	Recorded 2006
Tier 3	281,852.3	27.4%	266,252	Recorded 2006
	1,027,383.1	100.0%	970,519	Alloc Factors

Notes:

* Tier 1 includes volumes up to 250 th/mo in both Summer & winter

#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	\$0.46906		215,926	\$0.36975	\$79,838	\$0.02157	\$0.39131	\$84,495	Rate Tables	-16.6%
Tier 2	\$0.24611	52%	488,341	\$0.19400	\$94,739	\$0.02157	\$0.21557	\$105,271	Rate Tables	-12.4%
Tier 3	\$0.05645	12%	266,252	\$0.04450	\$11,848	\$0.02157	\$0.06606	\$17,590	Rate Tables	17.0%
			<u>970,519</u>		<u>\$186,425</u>		<u>\$0.21365</u>	<u>\$207,355</u>		
Total Allocated Base Margin Costs to CCI					\$191,943	Cost Alloc				
Less CAT Related Costs allocated to CCI \$000					(\$15)	Cost Alloc				
Plus Core Average Adjust \$000					\$33,248	Cost Alloc				
Amount to be allocated based on current tier difference less customer charge revenue					\$225,176					
Target Vol Rev \$000 =					(\$38,752)					
Vol revenue Check should be \$0					\$186,425					
					\$0					
Total Allocated Costs					\$246,122	Cost Alloc				
Less CAT Related Costs allocated to CCI \$000					(\$15)					
Total Allocated Costs					\$246,107					
Amount to be allocated based on current tier difference					\$225,176					
Total Allocated NonBase Margin Costs					\$20,931					
Forecast AYTP Mth/yr					970,519					
Volumetric Rate for NonBaseMargin Items \$/th					\$0.02157					

Notes:
 $Rate\ 1 = [((1 * volume1) + (1 * tier\ 2\ \%\ difference * Volume2) + (1 * tier\ 3\ \%\ difference * Volume3)) * (1 / volumetric\ revenue)]^{-1}$
 $Rate\ 2 = Rate\ 1 * \% \text{ difference from tier } 1$
 $Rate\ 3 = Rate\ 1 * \% \text{ difference from tier } 1$

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	\$15	
CAT Volumes Mth/yr	17,488	Alloc Factors
CAT Rate Adder \$/th	\$0.00086	

SOCALGAS
G-AC Rate Design
v10-3-2008 Embedded Cost

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	\$62 Cost Alloc
Less Customer Charge Revenue:	
# customers	22
Customer Charge \$/mo	\$150.00
Customer Charge Revenue \$000/yr	\$40
Volumetric Revenue \$00/yr	\$23
AYTP mth/yr	1,210 Alloc Factors
Volumetric Rate \$/th	\$0.01888

SOCALGAS

G-EN Rate Design

v10-3-2008 Embedded Cost

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	\$2,267 Cost Alloc
Less Customer Charge Revenue:	
# customers	1,094
Customer Charge \$/mo	\$50.00
Customer Charge Revenue \$000/yr	\$656
Volumetric Revenue \$00/yr	\$1,611
AYTP mth/yr	18,080 Alloc Factors
Volumetric Rate \$/th	\$0.08909

SOCALGAS**NGV Cost Allocation**

v10-3-2008 Embedded Cost

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	\$6,456	Cost Alloc
Less EC Compression Costs	\$1,278	SCG EC model v10-3-08 "NGV Allocators" tab
Total Transport Rev Stand Alone	\$5,178	

Pre SW Calculation of Compression Adder Rate:

EC Compression Costs	\$1,278	
Compression Volumes mth/yr	1,484	SCG EC model v10-3-08 "NGV Allocators" tab
Pre SW Compression Adder Rate \$/th	\$0.86072	

Calculation of Customer Charge Revenue:

	P-1	P-2A	Total	Source
Customer Charge \$/mo	\$13.00	\$65.00	\$21.38	
# Customers	229	44	273	NGV Dept FC 12-18-2007/ Alloc Factors
Customer Charge Revenue \$000/yr	\$36	\$34	\$70	

Pre-SW Calculation of NGV Transportation Rate:

		Source
Total Transport Rev Stand Alone	\$5,178	
Less Customer Charge revenue \$000/yr	\$70	
Volumetric Revenue \$000/yr	\$5,108	
Transportation volumes mth/yr	117,231	Alloc Factors
Pre-SW NGV Transportation Rate \$/th	\$0.04358	

Calculation of Post SW NGV Rates:	SCG	SDGE	Total	
Pre-SW Transportation Volumetric Revenue w/FFU	\$5,108	\$1,785	\$6,893	SDGE RD Model / NGV Rates
FFU	102.00%	102.45%		Misc Input/ SDGE RD Model
Pre-SW Transportation Volumetric Revenue w/oFFU	\$5,008	\$1,742	\$6,750	
Transportation volumes mth/yr	117,231	15,238	132,469	SDGE RD Model / NGV Rates
SW Average Transport Rate w/o FFU \$/th			\$0.05096	

Calculation of SW Transport Revenue w/o FFU:

Transportation volumes mth/yr	117,231	15,238	132,469
Post SW Volumetric Rates w/o FFU\$/th	\$0.05096	\$0.05096	\$0.05096
Post SW Volumetric Revenue w/o FFU	\$5,974	\$777	\$6,750
Pre-SW Transportation Volumetric Revenue w/o FFU	\$5,008	\$1,742	\$6,750
SW UnCompressed Volumetric Adjustment w/o FFU	\$966	(\$966)	\$0

Calculation of SW Transport Revenue w/ FFU:

Transportation volumes mth/yr	117,231	15,238	132,469
Post SW Volumetric Rates w/ FFU\$/th	\$0.05198	\$0.05221	\$0.05200
Post SW Volumetric Revenue w/ FFU	\$6,093	\$796	\$6,889
Pre-SW Transportation Volumetric Revenue w/FFU	\$5,108	\$1,785	\$6,893
SW UnCompressed Volumetric Adjustment w/FFU	\$985	(\$989)	(\$4)

Pre-SW Compressor Revenue w/FFU	\$1,278	\$97	\$1,375	SDGE RD Model / NGV Rates
FFU	102.00%	102.45%		Misc Input/ SDGE RD Model
Pre-SW Compressor Revenue w/o FFU	\$1,253	\$95	\$1,348	
Compressor Volumes Mth/yr	1,484	119	1,604	SDGE RD Model / NGV Rates
SW Average Compressor Rate w/o FFU \$/th			\$0.84037	

Calculation of SW Compressor Revenue w/o FFU:

Compressor Volumes Mth/yr	1,484	119	1,604
SW Average Compressor Rate w/o FFU \$/th	\$0.84037	\$0.84037	\$0.84037
Post SW Compresssor Revenue w/o FFU	\$1,247	\$100	\$1,348
Pre-SW Compressor Revenue w/o FFU	\$1,253	\$95	\$1,348
SW Compressed Adjustment w/o FFU	(\$5)	\$5	\$0

Calculation of SW Compressor Revenue w/ FFU:

Compressor Volumes Mth/yr	1,484	119	1,604
SW Average Compressor Rate w/ FFU \$/th	\$0.85719	\$0.86096	\$0.85747
Post SW Compresssor Revenue w/ FFU	\$1,272	\$103	\$1,375
Pre-SW Compressor Revenue w/ FFU	\$1,278	\$97	\$1,375
SW Compressed Adjustment w/ FFU	(\$5)	\$5	\$0

Total NGV Revenue w/FFU:

Pre-SW Vol & Compressor Adder W/FFU	\$6,386	\$1,882	\$8,268
Post-SW Volumetric & Compressor Adder w/FFU	\$7,366	\$898	\$8,264
	\$980	(\$984)	(\$4)

**SoCalGas Residential NGV Rates
v10-3-2008 Embedded Cost**

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	5,455		\$655
Volumetric Rate \$/th	\$0.13189		3,416	\$450
				<u>\$1,105</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	\$1,221,892	Cost Alloc
# Res Customers	5,455,350	Alloc Factors
Residential Cost = \$/Customer/year	\$224	
Additional cost for FM = \$/customer/year	\$39	
Total cost for Res customer with FM = \$/customer/yr	\$263	
Total # FM customers	5,455	
Total Revenue from Res Customers with FM=\$000	\$1,433	
# Res Customers with FM	5,455	
Customer Charge = \$/mo	\$10.00	
Customer Charge Revenue = \$000/yr	\$655	
Volumetric Revenue from Res Customers with FM=\$000	\$778	
Total Mth/year of Res Customers with FM=Mth/yr	5,900	
Vol Transport Rate for Res Customer with FM=\$/th	\$0.13189	

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

Average Residential Th/year:		
Total Residential AYTP=Mth/yr	2,483,989	Alloc Factors
# Residential Customer	5,455,350	Alloc Factors
Average Residential Th/year	455	
Additional Th/year for FM:		
Total Fuel Maker Mth/yr	3,416	
Total # Fuel Maker customers	5,455	
Additional Th/year for Fuel Maker	626	
Total Th/year for Res Customer with FM = th/yr	1,081	
Total # FM customers	5,455	
Total Mth/year of Res Customers with FM=Mth/yr	5,900	

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

FM Usage Per Day Per Home (therm/day)	1.72	data provided 10/29/2007 from NGV Group:
x avg #days/month	30.3	32 customers on NGVR for 12 months
FM Usage Per Day Per Home (therm/day)	52.2	average yearly increase/customer was 645 th/year or 1.72 th/day
Total # Res Customers	5,455,350	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	5,455	
Total FM Mth/yr	3,416	
Total FM Mth/month	285	
Total FM Mth/day	9.4	

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

25,671
9.4
0.04%
\$222,822

Alloc Factors

Cost Allocation

Total MPD Costs \$000

\$81

Incremental HPD Costs \$000/yr

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

414,267
285
0.07%
\$22,076

Alloc Factors

Cost Allocation

Total HPD Costs (\$1,000)

\$15

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
2,723,455
3,416
0.13%
\$17,297

Alloc Factors

Use AYTP of FM market

Cost Allocation

Incremental BBT Costs \$000

\$22

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

414,267
285
0.07%
\$34,091

Alloc Factors

Use AYTP of FM market

Cost Allocation

Incremental Local-T costs \$000

\$23

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

Res CYPD Mth/d	25,671	Alloc Factors
FM Est Peak Day Mth/d	9.4	
FM Peak Day as % Res Peak Day	0.04%	
Res Storage Costs - Seasonal \$000	<u>\$35,483</u>	Cost Allocation
Storage Costs - Seasonal for FM \$000	\$13	

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

Res AYTP Mth/y	2,483,989	Alloc Factors
FM Est AYTP Mth/y	3,416	
FM Peak Day as % Res Peak Day	0.14%	
Res Storage Costs - Load Balancing \$000	<u>\$2,640</u>	Cost Allocation
Storage Costs - Load Balancing for FM \$000	\$4	

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

FM Est AYTP Mth/y	3,416	
Co Use Trans rate as % of end use	0.202%	Misc Input
CoUse Trans for FM Mth/yr	7	
WACOG \$/dth	<u>\$7.66</u>	Misc Input
Co Use Transmission for FM \$000/yr	\$5	

Incremental UAF for FM \$000/yr:

FM Est AYTP Mth/y	3,416	
UAF rate as % of end use	0.892%	Misc Input
UAF for FM Mth/yr	30	
WACOG \$/dth	<u>\$7.66</u>	Misc Input
UAF for FM \$000/yr	\$23	

Incremental Transport Rev Req w/SI, w/oFFU \$000/yr	\$207	
FFU Rate	<u>102.00%</u>	Cost Allocation
Incremental Transport Rev Req w/SI, FFU \$000/yr	\$211	
# FM Customers	<u>5,455</u>	
Additional cost for FM = \$/customer/year	\$39	

**SoCalGas NonCore C&I Distribution Rate Design
v10-3-2008 Embedded Cost**

Procedures:

Calculate Customer Charge Revenue

Calculate Volumetric Revenue by Tiers

Volumetric revenue = Total Revenue less Customer Charge revenue

difference in rate tiers based on proportional difference in existing tiers

Results	Rate \$/mo or \$/th	# Customers	AYTP mth/yr	revenue \$000/yr
Customer Charge	\$350.00	670		\$2,816
Tier 1 = 0 to 20,833 th/mo	\$0.10170		116,175	\$11,814
Tier 2 = 20,834 to 83,333 th/mo	\$0.06641		200,990	\$13,347
Tier 3 = 83,334 to 166,667 th/mo	\$0.04383		80,455	\$3,527
Tier 4 = over 166,667 th/mo	\$0.02770		584,845	\$16,201
Total Volumetric	\$0.04569		982,465	\$44,890
Total Volumetric & Customer Charge	\$0.04856		982,465	\$47,706

#1 Calculation of # Customers:

Source

Total NCCI Customers	705	Alloc Factors
Less NCCI-T customers	(35)	NCCI detail Alloc
Total NCCI-D Customers	670	

#2 Calculate # Therms by Tier

2006 Mdth/yr	MPD 2006		2006 Total Mdth/yr	% total	Forecast Volumes	
	HPD 2006 Total Mdth/yr	Total Mdth/yr			Mth/yr	Source
Tier 1	138,441.5	20,974.2	159,415.8	11.8%	116,175	Recorded 2006
Tier 2	244,494.8	31,304.5	275,799.3	20.5%	200,990	Recorded 2006
Tier 3	97,900.8	12,500.1	110,400.9	8.2%	80,455	Recorded 2006
Tier 4	772,108.2	30,418.4	802,526.6	59.5%	584,845	Recorded 2006
	1,252,945.4	95,197.1	1,348,142.5	100.0%	982,465	Alloc Factors

#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	\$0.14022		116,175	\$0.08975	\$10,426	\$0.01195	\$0.10170	\$11,814	Rate Tables	-27.5%
Tier 2	\$0.08509	61%	200,990	\$0.05446	\$10,945	\$0.01195	\$0.06641	\$13,347	Rate Tables	-22.0%
Tier 3	\$0.04982	36%	80,455	\$0.03188	\$2,565	\$0.01195	\$0.04383	\$3,527	Rate Tables	-12.0%
Tier 4	\$0.02461	18%	584,845	\$0.01575	\$9,212	\$0.01195	\$0.02770	\$16,201	Rate Tables	12.6%
			982,465		\$33,149		\$0.04569	\$44,890		

Total Allocated Base Margin Costs to NCCI-D \$35,965 NCCI Detail Alloc
less customer charge revenue (\$2,816)
Target Base Margin portion of Vol Rev \$000 = \$33,149
Vol revenue Check should be \$0 \$0

Total Allocated Costs to NCCI-D \$47,706 NCCI Detail Alloc
Total Allocated Base Margin Costs to NCCI-D \$35,965
Total Allocated NonBase Margin Costs to NCCI-D \$11,741
Forecast AYTP Mth/yr 982,465
Volumetric Rate for NonBaseMargin Items \$/th \$0.01195

Notes:
Rate 1 = [((1*volume1) + (1*tier 2 % difference*Volume2) + (1*tier 3 % difference*Volume3))*(1/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 - Customer Chareg Revenue is allocated amongst the tiers based on current rates.
part 2 = non base margin items are allocated ECPT among tiers.

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EG Distribution Rate Design

v10-3-2008 Embedded Cost

Procedure:

Rates based on allocated costs divided by AYTP.

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

Calculation of Pre SemptraWide EG-D Rate	EG-D Tier 1	EG-D Tier 2	Total	Source
AYTP mth/yr	60,420	551,795	612,215	EG-EOR Detail Alloc
Total revenue \$000/yr	\$2,760	\$18,271	\$21,031	EG-EOR Detail Alloc
total rate Incl Cust Chg \$/th	\$0.04568	\$0	\$0.03435	
Customer Charge:				
Total Customers	134	34	168	EG-EOR Detail Alloc
Customer Charge	\$50.00	\$0.00		
Customer Charge Rev \$000/yr	\$80	\$0	\$80	
Volumetric Rate:				
Total revenue \$000/yr	\$2,760	\$18,271	\$21,031	
Less Customer Charge \$000/yr	\$80	\$0	\$80	
Volumetric Revenue \$000/yr	\$2,680	\$18,271	\$20,951	
Volumetric Rate /th	\$0.04435	\$0.03311	\$0.03422	

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	\$2,760	\$3,098	\$5,858	SDGE RD Model/EG-D Rates
Less Customer Charge Revenue w/FFU \$000	\$80	\$34	\$115	SDGE RD Model/EG-D Rates
Pre-SW Tier 1 Volumetric revenue w/FFU \$000/yr	\$2,680	\$3,064	\$5,744	
FFU rate	102.00%	102.45%		Misc Input/ SDGE RD Model
Pre-SW Tier 1 revenue w/o FFU \$000/yr	\$2,706	\$3,024	\$5,730	SDGE RD Model/EG-D Rates
Less Customer Charge Revenue w/o FFU \$000	\$79	\$33	\$112	SDGE RD Model/EG-D Rates
Pre-SW Tier 1 Volumetric revenue w/o FFU \$000/yr	\$2,627	\$2,991	\$5,618	
AYTP Mth/yr	60,420	27,097	87,517	SDGE RD Model/EG-D Rates
average SW Tier 1 rate w/o FFU \$/th			\$0.06419	
Calculate Post-SW Revenue w/o FFU:				
AYTP Mth/yr	60,420	27,097	87,517	SDGE RD Model/EG-D Rates
Post SW Tier 1 Volumetric rate w/o FFU \$/th	\$0.06419	\$0.06419	\$0.06419	
Post-SW Tier 1 Volumetric Revenue w/o FFU \$000	\$3,878	\$1,739	\$5,618	
Plus Customer Charge Revenue w/o FFU \$000	\$79	\$33	\$112	
Post-SW Tier 1 Revenue w/o FFU \$000	\$3,957	\$1,773	\$5,730	
Pre-SW Tier 1 revenue w/o FFU \$000/yr	\$2,706	\$3,024	\$5,730	
Tier 1 SW Adjustment w/o FFU \$000	\$1,251	(\$1,251)	\$0	
Calculate Post-SW Revenue w/FFU:				
AYTP Mth/yr	60,420	27,097	87,517	
Post SW Tier 1 Volumetric rate w/FFU \$/th	\$0.06548	\$0.06576	\$0.06557	
Post-SW Tier 1 Volumetric Revenue w/FFU \$000	\$3,956	\$1,782	\$5,738	
Plus Customer Charge Revenue w/FFU \$000	\$80	\$34	\$115	
Post-SW Tier 1 Revenue w/FFU \$000	\$4,036	\$1,816	\$5,853	
Pre-SW Tier 1 revenue w/FFU \$000/yr	\$2,760	\$3,098	\$5,858	
Tier 1 SW Adjustment w/FFU \$000	\$1,276	(\$1,282)	(\$6)	

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	\$18,271	\$5,864	\$24,135	SDGE RD Model/EG-D Rates
FFU rate	102.00%	102.45%		Misc Input/ SDGE RD Model
Pre-SW Tier 2 revenue w/oFFU \$000/yr	\$17,913	\$5,724	\$23,636	
AYTP Mth/yr	551,795	152,425	704,220	SDGE RD Model/EG-D Rates
average SW Tier 2 rate w/oFFU \$/th			\$0.03356	
Calculate Post-SW Revenue w/oFFU:				
AYTP Mth/yr	551,795	152,425	704,220	
Post SW Tier 2 rate w/o FFU \$/th	\$0.03356	\$0.03356	\$0.03356	
Post-SW Tier 2 Revenue w/o FFU \$000	\$18,520	\$5,116	\$23,636	
Pre-SW Tier 2 revenue w/oFFU \$000/yr	\$17,913	\$5,724	\$23,636	
Tier 2 SW Adjustment w/o FFU \$000	\$608	(\$608)	\$0	
Calculate Post-SW Revenue w/FFU:				
AYTP Mth/yr	551,795	152,425	704,220	
Post SW Tier 2 rate w/ FFU \$/th	\$0.03424	\$0.03439	\$0.03427	
Post-SW Tier 2 Revenue w/o FFU \$000	\$18,891	\$5,241	\$24,132	
Pre-SW Tier 2 revenue w/ FFU \$000/yr	\$18,271	\$5,864	\$24,135	
Tier 2 SW Adjustment w/o FFU \$000	\$620	(\$623)	(\$3)	
SUMMARY of Pre & Post SW revenue & rates w/FFU:				
Pre SW Total Revenue Tier 1 & 2 w/FFU \$000	\$21,031	\$8,962	\$29,993	
Post SW Total Revenue Tier 1 & 2 w/FFU \$000	\$22,928	\$7,058	\$29,985	
Total SW Adjustment w/FFU \$000	\$1,896	(\$1,905)	(\$8)	
Total AYTP Mth/yr	612,215	179,522	791,737	
Pre SW Average Rate w/FFU \$/th	\$0.03435	\$0.04992	\$0.03788	
Post SW Average Rate w/FFU \$/th	\$0.03745	\$0.03931	\$0.03787	

SoCalGas
 NCCI Detail Allocation (allocation of total NCCI into NCCI-Distribution and NCCI-Transmission)
 v10-3-2008 Embedded Cost

Detail Allocation of NCCI Costs NCCI Distribution & Transmission

Allocation Factors

Base Margin \$000/yr	Total Allocated to			Total Allocated to			Allocation Method	Total %	NCCI - NCCI -	
	NCCI	NCCI-D	NCCI-T	NCCI	Source	D			T	
Base Margin Costs:										
Customer Related Costs	\$5,880	\$5,588	\$292	\$5,880	Cost Alloc	% AYTP	100%	68%	32%	
Medium Pressure Distribution Costs	\$10,258	\$10,258	\$0	\$10,258	Cost Alloc	DIR	100%	100%	0%	
High Pressure Distribution Costs	\$4,685	\$4,685	\$0	\$4,685	Cost Alloc	DIR	100%	100%	0%	
Backbone Transmission Costs	\$13,684	\$9,030	\$4,654	\$13,684	Cost Alloc	% CYTP	100%	68%	32%	
Local Transmission Costs	\$8,596	\$5,871	\$2,725	\$8,596	Cost Alloc	% CYTP	100%	68%	32%	
Storage - Seasonal	\$0	\$0	\$0	\$0	Cost Alloc	0%	0%	0%	0%	
Storage - Load Balancing	\$1,531	\$1,044	\$486	\$1,531	Cost Alloc	% CYPM	100%	68%	32%	
Storage - TBS	\$0	\$0	\$0	\$0	Cost Alloc	0%	0%	0%	0%	
Non-DSM Marketing Related Costs	\$935	\$889	\$46	\$935	Cost Alloc	% AYTP	100%	68%	32%	
	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U	\$45,569	\$37,365	\$8,204	\$45,569						
Less Backbone Transmission Costs	(\$13,684)	(\$9,030)	(\$4,654)	(\$13,684)						
Less Local Transmission Costs	(\$8,596)	(\$5,871)	(\$2,725)	(\$8,596)						
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$9,176	\$6,267	\$2,909	\$9,176	Cost Alloc	% CYTP	100%	68%	32%	
Plus Local Transmission Costs w/SI, FFU	\$10,569	\$7,234	\$3,335	\$10,569	Cost Alloc	% CYPM	100%	68%	32%	
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$43,034	\$35,965	\$7,069	\$43,034						

Base Margin \$000/yr	Total Allocated to			Total Allocated to			Allocation Method	Total %	NCCI - NCCI -	
	NCCI	NCCI-D	NCCI-T	NCCI	Source	D			T	
Other Operating Costs and Revenues										
n/a	\$0	\$0	\$0	\$0	Cost Alloc	0%	0%	0%	0%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Co Use Transmission w/ FFU \$000	\$2,608	\$1,779	\$829	\$2,608	Cost Alloc	% AYTP	100%	68%	32%	
Company Use Gas: Other	\$495	\$338	\$157	\$495	Cost Alloc	% AYTP	100%	68%	32%	
Company Use Gas: Storage Load Balancing	\$419	\$286	\$133	\$419	Cost Alloc	% AYTP	100%	68%	32%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Exchange Revenues & Interutility Transactions	\$3	\$2	\$1	\$3	Cost Alloc	% CYTP	100%	68%	32%	
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	Cost Alloc	% EPMC	100%	84%	16%	
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Unaccounted For (UAF) Gas	\$4,648	\$3,171	\$1,477	\$4,648	Cost Alloc	% AYTP	100%	68%	32%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Well Incidents & Surface Leaks	\$62	\$43	\$20	\$62	Cost Alloc	% CYPM	100%	68%	32%	
Subtotal Other Operating Costs and Revenues	\$8,236	\$5,619	\$2,617	\$8,236						
Transition Costs										
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
total Transition Costs	\$0	\$0	\$0	\$0						

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)	(\$2)	(\$2)	(\$0)	(\$2)	Cost Alloc	% EPMC	100%	84%	16%	
Blythe Operational Flow Requirement Memorandum Account (BOFR)	\$741	\$505	\$235	\$741	Cost Alloc	% AYTP	100%	68%	32%	
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	Cost Alloc	ECPT CORE	0%	0%	0%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$540	\$368	\$172	\$540	Cost Alloc	% AYTP	100%	68%	32%	
California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% EPMC	100%	84%	16%	
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$28	\$19	\$9	\$28	Cost Alloc	% AYTP	100%	68%	32%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Enhanced Oil Recovery Account (EORA) CORE	\$0	\$0	\$0	\$0	Cost Alloc	0%	0%	0%		
Enhanced Oil Recovery Account (EORA) NONCORE	\$119	\$100	\$20	\$119	Cost Alloc	% EPMC	100%	84%	16%	
Hazardous Substance Cost-Recovery Account (HSCRA)	\$3,465	\$2,364	\$1,101	\$3,465	Cost Alloc	% AYTP	100%	68%	32%	
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	Cost Alloc	% EPMC	100%	84%	16%	
Intervenor Award Memorandum Account (IAMA)	\$7	\$5	\$2	\$7	Cost Alloc	% AYTP	100%	68%	32%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% EPMC	100%	84%	16%	
Gain / Loss on Sale Memorandum Account (GLOSMA)	(\$4)	(\$3)	(\$1)	(\$4)	Cost Alloc	% EPMC	100%	84%	16%	
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Noncore Fixed Cost Account (NFCA)	\$2,592	\$1,768	\$824	\$2,592	Cost Alloc	% AYTP	100%	68%	32%	
Noncore Storage Memorandum Account (NSMA)	(\$790)	(\$539)	(\$251)	(\$790)	Cost Alloc	% AYTP	100%	68%	32%	
Integrated Transmission Balancing Account (ITBA)	\$1,300	\$887	\$413	\$1,300	Cost Alloc	% AYTP	100%	68%	32%	
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Noncore Storage Balancing Account (NSBA)	(\$306)	(\$209)	(\$97)	(\$306)	Cost Alloc	% AYTP	100%	68%	32%	
Pension Balancing Account (PBA)	\$0	\$0	\$0	\$0	Cost Alloc	% EPMC	100%	84%	16%	
PBOP Balancing Account (PBOPBA)	\$0	\$0	\$0	\$0	Cost Alloc	% EPMC	100%	84%	16%	
Research Development and Demonstration Expense Account (RDDI)	\$0	\$0	\$0	\$0	Cost Alloc	% EPMC	100%	84%	16%	
Research Royalty Memorandum Account (RRMA)	(\$0)	(\$0)	(\$0)	(\$0)	Cost Alloc	% EPMC	100%	84%	16%	
Self-Generation Program Memorandum Account (SGPMA)	\$1,243	\$848	\$395	\$1,243	Cost Alloc	% AYTP	100%	68%	32%	
n/a	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Total Regulatory Accounts	\$8,932	\$6,111	\$2,821	\$8,932						

Base Margin \$000/yr	Total Allocated to			Total Allocated to			Allocation Method	Total %	NCCI - NCCI -	
	NCCI	NCCI-D	NCCI-T	NCCI	Source				D	T
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Core Averaging (25% of Res / Retail Difference Phased over 3 years)	\$0	\$0	\$0	\$0	Cost Alloc	% AYTP	100%	68%	32%	
Transport Rev Req w/o BBT, w/ FFU \$000/yr	\$60,202	\$47,694	\$12,508	\$60,202						
EOR Revenue allocated to Other Classes \$000	(\$114)	(\$95)	(\$19)	(\$114)	Cost Alloc	% EPMC	100%	84%	16%	
EOR Costs allocated to Other Classes \$000	\$128	\$107	\$21	\$128	Cost Alloc	% EPMC	100%	84%	16%	
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr	\$60,215	\$47,706	\$12,510	\$60,215						
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,440,163	982,465	457,697	1,440,163						
Average Rate w/oFAR \$/th	\$0.042	\$0.049	\$0.027	\$0.042						
FFU Rate	102.00%	102.00%	102.00%	102.00%						
Estimated FAR \$000	\$7,957	\$5,435	\$2,522	\$7,957	Cost Alloc	% CYTP	100%	68%	32%	
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr	\$68,172	\$53,140	\$15,032	\$68,172						

Calculation of Allocation Factors:

							Allocation Factors		
Forecast AYTP Mth/yr	1,440,163	982,465	457,697	1,440,163	Alloc Factors	% AYTP	100%	68.2%	31.8%
Forecast CYTP Mth/yr	1,444,730	986,754	457,976	1,444,730	Alloc Factors	% CYTP	100%	68.3%	31.7%
Forecast # Customers	705	670	35	705	Alloc Factors	% # Customers	100%	95.0%	5.0%
Forecast CYPM Mth/mo	128,436	87,904	40,531	128,436	Alloc Factors	% CYPM	100%	68.4%	31.6%
Base Margin Costs from CA Model including FFU	\$45,569	\$37,365	\$8,204			% FFU in CA model	100%	82.0%	18.0%
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$43,034	\$35,965	\$7,069			EPMC NonCore C&I	100%	83.6%	16.4%

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

v10-3-2008 Embedded Cost

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
Base Margin Costs:								
Customer Related Costs	\$1,230	\$3,901	\$5,130	\$365	\$507	\$4,258	\$5,130	Cost Alloc
Medium Pressure Distribution Costs	\$601	\$444	\$1,046	\$601	\$444	\$0	\$1,046	Cost Alloc
High Pressure Distribution Costs	\$240	\$2,443	\$2,683	\$240	\$2,443	\$0	\$2,683	Cost Alloc
Backbone Transmission Costs	\$722	\$26,054	\$26,776	\$572	\$5,226	\$20,977	\$26,776	Cost Alloc
Local Transmission Costs	\$1,248	\$12,718	\$13,966	\$990	\$2,551	\$10,425	\$13,966	Cost Alloc
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Storage - Load Balancing	\$81	\$2,924	\$3,005	\$64	\$586	\$2,354	\$3,005	Cost Alloc
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Non-DSM Marketing Related Costs	\$27	\$977	\$1,004	\$14	\$444	\$546	\$1,004	Cost Alloc
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U	\$4,149	\$49,461	\$53,610	\$2,847	\$12,203	\$38,560	\$53,610	
Less Backbone Transmission Costs	(\$722)	(\$26,054)	(\$26,776)	(\$572)	(\$5,226)	(\$20,977)	(\$26,776)	
Less Local Transmission Costs	(\$1,248)	(\$12,718)	(\$13,966)	(\$990)	(\$2,551)	(\$10,425)	(\$13,966)	
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$484	\$17,470	\$17,954	\$384	\$3,504	\$14,066	\$17,954	Cost Alloc
Plus Local Transmission Costs w/SI, FFU	\$488	\$16,685	\$17,172	\$370	\$3,772	\$13,030	\$17,172	Cost Alloc
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS	\$3,150	\$44,844	\$47,994	\$2,039	\$11,702	\$34,253	\$47,994	

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**EG Detail Allocation (allocation of total EG into EG-Distribution and I
v10-3-2008 Embedded Cost**

Base Margin \$000/yr	Allocation Method	Total %	EG-D 1	Tier EG-D Tier 2	EG-T
Base Margin Costs:					
Customer Related Costs	%AYTP	100%	2.1%	19.5%	78.3%
Medium Pressure Distribution Costs	%CYPM Dist only	100%	8.9%	91.1%	0.0%
High Pressure Distribution Costs	%CYPM Dist only	100%	8.9%	91.1%	0.0%
Backbone Transmission Costs	%CYTP	100%	2.1%	19.5%	78.3%
Local Transmission Costs	%CYTP	100%	2.1%	19.5%	78.3%
Storage - Seasonal	0%	0%	0.0%	0.0%	0.0%
Storage - Load Balancing	%CYPM	100%	2.2%	22.0%	75.9%
Storage - TBS	0%	0%	0.0%	0.0%	0.0%
Non-DSM Marketing Related Costs	%AYTP	100%	2.1%	19.5%	78.3%
	%AYTP	100%	2.1%	19.5%	78.3%
	%AYTP	100%	2.1%	19.5%	78.3%
Total Margin Allocation w/o SI, FAR, TLS w/ FF&U					
Less Backbone Transmission Costs					
Less Local Transmission Costs					
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	%CYTP	100%	2.1%	19.5%	78.3%
Plus Local Transmission Costs w/SI, FFU	%CYPM	100%	2.2%	22.0%	75.9%
Total Allocated Base Margin w/SI, FFU w/o FAR Rev, TLS					

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
Other Operating Costs and Revenues								
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Co Use Transmission w/ FFU \$000	\$138	\$4,981	\$5,119	\$109	\$999	\$4,011	\$5,119	Cost Alloc
Company Use Gas: Other	\$26	\$945	\$971	\$21	\$190	\$761	\$971	Cost Alloc
Company Use Gas: Storage Load Balancing	\$22	\$800	\$822	\$18	\$160	\$644	\$822	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Exchange Revenues & Interutility Transactions	\$0	\$6	\$7	\$0	\$1	\$5	\$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	\$246	\$8,879	\$9,125	\$195	\$1,781	\$7,149	\$9,125	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Well Incidents & Surface Leaks	\$3	\$119	\$123	\$3	\$27	\$93	\$123	Cost Alloc
Subtotal Other Operating Costs and Revenues	\$436	\$15,731	\$16,167	\$346	\$3,159	\$12,662	\$16,167	
Transition Costs								
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
total Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Base Margin \$000/yr	Allocation Method	Total %	EG-D 1	Tier 2	EG-D Tier 2	EG-T
Other Operating Costs and Revenues						
n/a	0%	0%	0.0%		0.0%	0.0%
n/a	%AYTP	100%	2.1%		19.5%	78.3%
Co Use Transmission w/ FFU \$000	%AYTP	100%	2.1%		19.5%	78.3%
Company Use Gas: Other	%AYTP	100%	2.1%		19.5%	78.3%
Company Use Gas: Storage Load Balancing	%AYTP	100%	2.1%		19.5%	78.3%
n/a	%AYTP	100%	2.1%		19.5%	78.3%
Exchange Revenues & Interutility Transactions	%CYTP	100%	2.1%		19.5%	78.3%
Fuel Cell Equipment Revenues	%EPMC	100%	4.2%		24.4%	71.4%
Marketing: DSM Program Awards	%AYTP	100%	2.1%		19.5%	78.3%
Unaccounted For (UAF) Gas	%AYTP	100%	2.1%		19.5%	78.3%
n/a	%AYTP	100%	2.1%		19.5%	78.3%
Well Incidents & Surface Leaks	%CYPM	100%	2.2%		22.0%	75.9%
Subtotal Other Operating Costs and Revenues						
Transition Costs						
n/a	%AYTP	100%	2.1%		19.5%	78.3%
MPO Transition Cost Adjustment	%AYTP	100%	2.1%		19.5%	78.3%
Pitco/Popco Transition Costs	%AYTP	100%	2.1%		19.5%	78.3%
total Transition Costs						

Base Margin \$000/yr	Total Allocated to		Total	EG-D	EG-D	EG-T	Total	
	EG Tier 1 (1)	to EG Tier 2 (1)	Allocated to EG	Tier 1	Tier 2		Allocated to EG	Source
Regulatory Accounts								
Affiliate Transfer Fee Account (ATFA)	(\$0)	(\$2)	(\$2)	(\$0)	(\$1)	(\$2)	(\$2)	Cost Alloc
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$39	\$1,411	\$1,450	\$31	\$283	\$1,136	\$1,450	Cost Alloc
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$28	\$1,028	\$1,057	\$23	\$206	\$828	\$1,057	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
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$1	\$53	\$54	\$1	\$11	\$43	\$54	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Enhanced Oil Recovery Account (EORA) CORE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Enhanced Oil Recovery Account (EORA) NONCORE	\$9	\$124	\$133	\$6	\$32	\$95	\$133	Cost Alloc
Hazardous Substance Cost-Recovery Account (HSCRA)	\$183	\$6,618	\$6,802	\$145	\$1,328	\$5,329	\$6,802	Cost Alloc
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Intervenor Award Memorandum Account (IAMA)	\$0	\$14	\$15	\$0	\$3	\$11	\$15	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Gain / Loss on Sale Memorandum Account (GLOSMA)	(\$0)	(\$4)	(\$5)	(\$0)	(\$1)	(\$3)	(\$5)	Cost Alloc
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Montebello True-Up Tracking Account (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Noncore Fixed Cost Account (NFCA)	\$137	\$4,951	\$5,088	\$109	\$993	\$3,986	\$5,088	Cost Alloc
Noncore Storage Memorandum Account (NSMA)	(\$42)	(\$1,509)	(\$1,550)	(\$33)	(\$303)	(\$1,215)	(\$1,550)	Cost Alloc
Integrated Transmission Balancing Account (ITBA)	\$69	\$2,475	\$2,543	\$54	\$496	\$1,992	\$2,543	Cost Alloc
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Company-Use Fuel for Load Balancing Account (CUFLBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Noncore Storage Balancing Account (NSBA)	(\$16)	(\$585)	(\$601)	(\$13)	(\$117)	(\$471)	(\$601)	Cost Alloc
Pension Balancing Account (PBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
PBOP Balancing Account (PBOPBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Research Development and Demonstration Expense Account (RDDEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Research Royalty Memorandum Account (RRMA)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	Cost Alloc
Self-Generation Program Memorandum Account (SGPMA)	\$66	\$2,373	\$2,439	\$52	\$476	\$1,911	\$2,439	Cost Alloc
n/a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Total Regulatory Accounts	\$474	\$16,947	\$17,422	\$375	\$3,407	\$13,640	\$17,422	

Base Margin \$000/yr	Allocation Method	Total %	EG-D 1	Tier 2	EG-D Tier 2	EG-T
Regulatory Accounts						
Affiliate Transfer Fee Account (ATFA)	%EPMC	100%	4.2%		24.4%	71.4%
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	%AYTP	100%	2.1%		19.5%	78.3%
FERC Settlement Proceeds Memorandum Account (FSPMA)	ECPT CORE	0%	0.0%		0.0%	0.0%
n/a	%AYTP	100%	2.1%		19.5%	78.3%
Firm Access & Storage Rights Memorandum Account (FARSMA)	%AYTP	100%	2.1%		19.5%	78.3%
California Solar Initiative Balancing Account (CSIBA)	%AYTP	100%	2.1%		19.5%	78.3%
G-PAL Balancing Account (GPBA)	%AYTP	100%	2.1%		19.5%	78.3%
Core Fixed Cost Account (CFCA)	%AYTP	100%	2.1%		19.5%	78.3%
n/a	%EPMC	100%	4.2%		24.4%	71.4%
Economic Practicality Shortfall Memorandum Account (EPSMA)	%AYTP	100%	2.1%		19.5%	78.3%
n/a	%AYTP	100%	2.1%		19.5%	78.3%
Enhanced Oil Recovery Account (EORA) CORE	0%	0%	0.0%		0.0%	0.0%
Enhanced Oil Recovery Account (EORA) NONCORE	%EPMC	100%	4.2%		24.4%	71.4%
Hazardous Substance Cost-Recovery Account (HSCRA)	%AYTP	100%	2.1%		19.5%	78.3%
Interim Call Center Memorandum Account (ICCMA)	%EPMC	100%	4.2%		24.4%	71.4%
Intervenor Award Memorandum Account (IAMA)	%AYTP	100%	2.1%		19.5%	78.3%
n/a	%EPMC	100%	4.2%		24.4%	71.4%
Gain / Loss on Sale Memorandum Account (GLOSMA)	%EPMC	100%	4.2%		24.4%	71.4%
Montebello True-Up Tracking Account (MTTA)	%AYTP	100%	2.1%		19.5%	78.3%
Montebello True-Up Tracking Account (MTTA)	%AYTP	100%	2.1%		19.5%	78.3%
n/a	%AYTP	100%	2.1%		19.5%	78.3%
Noncore Fixed Cost Account (NFCA)	%AYTP	100%	2.1%		19.5%	78.3%
Noncore Storage Memorandum Account (NSMA)	%AYTP	100%	2.1%		19.5%	78.3%
Integrated Transmission Balancing Account (ITBA)	%AYTP	100%	2.1%		19.5%	78.3%
Otay Mesa System Reliability Memorandum Account (OMSRMA)	%AYTP	100%	2.1%		19.5%	78.3%
Company-Use Fuel for Load Balancing Account (CUFLBA)	%AYTP	100%	2.1%		19.5%	78.3%
System Reliability Memorandum Account (SRMA)	%AYTP	100%	2.1%		19.5%	78.3%
Noncore Storage Balancing Account (NSBA)	%AYTP	100%	2.1%		19.5%	78.3%
Pension Balancing Account (PBA)	%EPMC	100%	4.2%		24.4%	71.4%
PBOP Balancing Account (PBOPBA)	%EPMC	100%	4.2%		24.4%	71.4%
Research Development and Demonstration Expense Account (RDDEA)	%EPMC	100%	4.2%		24.4%	71.4%
Research Royalty Memorandum Account (RRMA)	%EPMC	100%	4.2%		24.4%	71.4%
Self-Generation Program Memorandum Account (SGPMA)	%AYTP	100%	2.1%		19.5%	78.3%
n/a	%AYTP	100%	2.1%		19.5%	78.3%
Total Regulatory Accounts						

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 (25% of Res / Retail Difference Phased over 3 years)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Cost Alloc
Transport Rev Req w/o BBT, w/ FFU \$000/yr	\$4,061	\$77,522	\$81,583	\$2,759	\$18,267	\$60,556	\$81,583	
EOR Revenue allocated to Other Classes \$000	(\$8)	(\$119)	(\$127)	(\$5)	(\$31)	(\$91)	(\$127)	Cost Alloc
EOR Costs allocated to Other Classes \$000	\$9	\$133	\$143	\$6	\$35	\$102	\$143	Cost Alloc
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr	\$4,062	\$77,536	\$81,598	\$2,760	\$18,271	\$60,567	\$81,598	
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	76,202	2,750,762	2,826,964	60,420	551,795	2,214,749	2,826,964	
Average Rate w/oFAR \$/th	\$0.053	\$0.028	\$0.029	\$0.046	\$0.033	\$0.027	\$0.029	
FFU Rate	102.0%	102.0%	102.0%	102.0%	102.0%	102.0%	102.0%	
Estimated FAR \$000	\$421	\$15,198	\$15,619	\$334	\$3,049	\$12,236	\$15,619	Cost Alloc
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr	\$4,483	\$92,734	\$97,217	\$3,094	\$21,320	\$72,803	\$97,217	

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

Forecast AYTP Mth/yr	2,826,964	60,420	551,795	2,214,749	Alloc Factors
Forecast AYTP Dist only mth/yr	612,215	60,420	551,795	0	
Forecast CYTP Mth/yr	2,826,964	60,420	551,795	2,214,749	Alloc Factors
Forecast # Customers	219	134	34	51	Alloc Factors
Forecast CYPM Mth/mo	208,673	4,499	45,842	158,332	Alloc Factors
CYPM Dist Only mth/mo	50,341	4,499	45,842	0	
Base Margin Costs from CA Model including FFU	\$53,610	\$2,847	\$12,203	\$38,560	
Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use	\$47,994	\$2,039	\$11,702	\$34,253	

Base Margin \$000/yr	Allocation Method	Total %	EG-D Tier 1	EG-D Tier 2	EG-T
Core Interstate Pipeline Demand Charges (IPDC)	%AYTP	100%	2.1%	19.5%	78.3%
Core Averaging (25% of Res / Retail Difference Phased over 3 years)	%AYTP	100%	2.1%	19.5%	78.3%
Transport Rev Req w/o BBT, w/ FFU \$000/yr					
EOR Revenue allocated to Other Classes \$000	%EPMC	100%	4.2%	24.4%	71.4%
EOR Costs allocated to Other Classes \$000	%EPMC	100%	4.2%	24.4%	71.4%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, TLS \$000/yr					
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr					
Average Rate w/oFAR \$/th					
FFU Rate					
Estimated FAR \$000	%CYTP	100%	2.1%	19.5%	78.3%
Transport Rev Req w/SI, FFU, EOR Cr, FAR Rev w/o TLS \$000/yr					
Calculate Allocation Factors for Forecast EG Dist Tier 1, EG Dist Tie					
Forecast AYTP Mth/yr	%AYTP	100.0%	2.1%	19.5%	78.3%
Forecast AYTP Dist only mth/yr	%AYTP Dist Only	100.0%	9.9%	90.1%	0.0%
Forecast CYTP Mth/yr	%CYTP	100.0%	2.1%	19.5%	78.3%
Forecast # Customers	% Forecast Customers	100.0%	61.1%	15.5%	23.5%
Forecast CYPM Mth/mo	% CYPM	100.0%	2.2%	22.0%	75.9%
CYPM Dist Only mth/mo	% CYPM Distribution Only	100.0%	8.9%	91.1%	0.0%
Base Margin Costs from CA Model including FFU	% FFU in CA model	100.0%	5.3%	22.8%	71.9%
Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use	EPMC NonCore C&I	100.0%	4.2%	24.4%	71.4%

SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO 1999 BCAP D.00-04-060)

ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTED

CORE						RETAIL NONCORE				
Residential	G-10	G-20	NR A/C	Gas Eng	Core Totals	Industrial	Cogen	IPP	EOR	Retail NCore
1	2	3	4	5	6	8	9	10	11	12

BASE MARGIN (ALL VALUES M\$ UNLESS NOTED)

LONG RUN MARGINAL COST ELEMENTS

CUSTOMER RELATED

1. Number of Customers	4,695,661	200,385	95	18	698	4,896,857	1,162	215	23	67	1,467
2. Per unit LRMC Cost (M\$/Cust/Yr)	\$0.06	\$0.23	\$1.09	\$1.96	\$1.07		\$4.58	\$5.91	\$40.67	\$11.00	
3. Marginal Cust Cost Revenues	\$300,394	\$46,004	\$103	\$35	\$744	\$347,280	\$5,329	\$1,271	\$935	\$737	\$8,273
	300,394	46,004	103	35	864						

COMMON DISTRIBUTION - MEDIUM PRESSURE

4. Medium Pressure Peak Day Demand (mmcf)	2,486	475	15	0	1	2,977	152	19	-	0	171
5. Per Unit LRMC Cost (\$/mcf)	\$82.77	\$82.77	\$82.77	\$82.77	\$82.77		\$82.77	\$82.77	\$82.77	\$82.77	
6. Marginal MPD Cost Revenues	\$205,780	\$39,294	\$1,210	\$24	\$61	\$246,369	\$12,598	\$1,532	\$0	\$33	\$14,163

COMMON DISTRIBUTION - HIGH PRESSURE

7. High Pressure Peak Month Demand (mmcf)	41,110	9,591	434	9	27	51,171	10,437	3,100	1,334	268	15,139
8. Per Unit LRMC Cost (\$/mcf)	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69		\$0.69	\$0.69	\$0.69	\$0.69	
9. Marginal HPD Cost Revenues	\$28,408	\$6,628	\$300	\$6	\$19	\$35,361	\$7,213	\$2,142	\$922	\$185	\$10,462
10. Total Marginal Distr Cost Revenues	\$234,189	\$45,921	\$1,510	\$31	\$80	\$281,730	\$19,811	\$3,674	\$922	\$219	\$24,625

TRANSMISSION REMOVED FROM MARGIN DUE TO SYSTEM INTEGRATION W/ SDG&E

11. Cold-Year Throughput (mdth)	288,850	83,645	4,800	120	1,604	379,019	146,890	82,735	211,691	48,271	489,586
12. Per Unit LRMC Cost (\$/dth)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
13. Marginal Transm Cost Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO
ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTE**

WHOLESALE NONCORE					Int'l Noncore		Unbundled	Total	Unallocated	Total
<u>Long Beach</u>	<u>SDG&E</u>	<u>SW Gas</u>	<u>Vernon</u>	<u>WS Totals</u>	<u>Mexicali</u>		<u>Storage</u>	<u>Noncore</u>	<u>To NSBA</u>	<u>System</u>
14	15	16	17	18	20	21	22	24	26	28

BASE MARGIN (ALL VALUES M\$ UNLESS NOTED)

LONG RUN MARGINAL COST ELEMENTS

CUSTOMER RELATED

1. Number of Customers	1	1	1	1	4	1	-	1,472		4,898,330
2. Per unit LRM Cost (M\$/Cust/Yr)	\$71.36	\$99.44	\$43.28	\$23.75		\$22.03				
3. Marginal Cust Cost Revenues	\$71	\$99	\$43	\$24	\$238	\$22	\$0	\$8,533		\$355,813

COMMON DISTRIBUTION - MEDIUM PRESSURE

4. Medium Pressure Peak Day Demand (mmcf)	-	-	-	-	-	-	-	171		3,148
5. Per Unit LRM Cost (\$/mcf)	\$82.77	\$82.77	\$82.77	\$82.77		\$82.77				
6. Marginal MPD Cost Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,163		\$260,532

COMMON DISTRIBUTION - HIGH PRESSURE

7. High Pressure Peak Month Demand (mmcf)	-	-	-	-	-	-	-	15,139		66,311
8. Per Unit LRM Cost (\$/mcf)	\$0.69	\$0.69	\$0.69	\$0.69		\$0.69				
9. Marginal HPD Cost Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,462		\$45,823
10. Total Marginal Distr Cost Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,625		\$306,355

TRANSMISSION REMOVED FROM MARGIN DUE TO SYG

11. Cold-Year Throughput (mdth)	8,361	148,753	9,683	5,192	171,988	3,690	-	665,265		1,044,284
12. Per Unit LRM Cost (\$/dth)	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00				
13. Marginal Transm Cost Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0

SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO 1999 BCAP D.00-04-060)

ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTED

	CORE						RETAIL NONCORE				
	Residential	G-10	G-20	NR A/C	Gas Eng	Core Totals	Industrial	Cogen	IPP	EOR	Retail NCore
	1	2	3	4	5	6	8	9	10	11	12
STORAGE											
Inventory											
14. Reservations (mmcf)	59,324	10,003	672	-	-	70,000					
15. Per Unit LRMC Cost (\$/mcf)	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20						
16. Marginal Inventory Revenues	\$11,700	\$1,973	\$133	\$0	\$0	\$13,805					\$0
Injection Capacity											
17. Reservations (mmcf)	277	47	3	-	-	327					
18. Per Unit LRMC Cost (\$/mcf)	\$18.61	\$18.61	\$18.61	\$18.61	\$18.61						
19. Marginal Injection Capacity Revenues	\$5,159	\$870	\$58	\$0	\$0	\$6,088					\$0
Injection Variable											
20. Injections (mdth)	59,993	10,116	680	7	323	71,120					
21. Per Unit O&M Cost (\$/dth)	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01						
22. Marginal Injection Variable Revenues	\$699	\$118	\$8	\$0	\$2	\$826					\$0
Withdrawal Capacity											
23. Reservations (mmcf)	1,616	309	10	0	0	1,935					
24. Per Unit LRMC Cost (\$/mcf)	\$10.69	\$10.69	\$10.69	\$10.69	\$10.69						
25. Marginal Withdrawal Capacity Revs	\$17,276	\$3,299	\$102	\$2	\$5	\$20,684					\$0
Withdrawal Variable											
26. Withdrawals (mdth)	59,993	10,116	680	7	323	71,120					
27. Per Unit O&M Cost (\$/dth)	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01						
28. Marginal Withdrawal Variable Revs	\$973	\$164	\$11	\$0	\$3	\$1,151					\$0
29. Total Seasonal Storage Revenues	\$35,807	\$6,424	\$312	\$2	\$10	42,554					\$0
30. Marginal Load Balancing Revenues	\$356	\$110	\$7	\$0	\$2	\$475	\$1,989	\$1,130	\$4,731	\$1,422	\$9,272
31. CU Transmission Fuel = Non-Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO
ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTE**

	WHOLESALE NONCORE					Int'l Noncore		Unbundled	Total	Unallocated	Total
	<u>Long Beach</u>	<u>SDG&E</u>	<u>SW Gas</u>	<u>Vernon</u>	<u>WS Totals</u>	<u>Mexicali</u>		<u>Noncore Storage</u>	<u>Noncore</u>	<u>Storage Cost To NSBA</u>	<u>System</u>
	14	15	16	17	18	20	21	22	24	26	28
STORAGE											
<u>Inventory</u>											
14. Reservations (mmcf)								30,271	30,271		100,271
15. Per Unit LRM Cost (\$/mcf)								\$0.20			
16. Marginal Inventory Revenues					\$0			\$5,970	\$5,970		\$19,775
<u>Injection Capacity</u>											
17. Reservations (mmcf)								121	121		448
18. Per Unit LRM Cost (\$/mcf)								\$18.61			
19. Marginal Injection Capacity Revenues					\$0			\$2,252	\$2,252		\$8,340
<u>Injection Variable</u>											
20. Injections (mdth)								30,755	30,755		101,875
21. Per Unit O&M Cost (\$/dth)								\$0.01			
22. Marginal Injection Variable Revenues					\$0			\$358	\$358		\$1,185
<u>Withdrawal Capacity</u>											
23. Reservations (mmcf)								935	935		2,870
24. Per Unit LRM Cost (\$/mcf)								\$10.69			
25. Marginal Withdrawal Capacity Revs					\$0			\$9,995	\$9,995		\$30,679
<u>Withdrawal Variable</u>											
26. Withdrawals (mdth)								30,755	30,755		101,875
27. Per Unit O&M Cost (\$/dth)								\$0.02			
28. Marginal Withdrawal Variable Revs					\$0			\$499	\$499		\$1,650
29. Total Seasonal Storage Revenues					\$0			\$19,074	\$19,074		\$61,628
30. Marginal Load Balancing Revenues	\$151	\$652	\$128	\$30	\$961	\$42	\$0	\$0	\$10,276		\$10,751
31. CU Transmission Fuel = Non-Margin	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0

SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO 1999 BCAP D.00-04-060)

ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTED

	CORE						RETAIL NONCORE				
	Residential	G-10	G-20	NR A/C	Gas Eng	Core Totals	Industrial	Cogen	IPP	EOR	Retail NCore
	1	2	3	4	5	6	8	9	10	11	12
32. UNSCALED MARGINAL COST REVENUES	\$570,746	\$98,459	\$1,931	\$68	\$835	\$672,040	\$27,129	\$6,075	\$6,588	\$2,378	\$42,170
33. EPMC Scaling Factor	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	1.91	5.03	2.09
34. SCALED LRMC REVENUES	\$1,092,918	\$188,538	\$3,698	\$130	\$1,600	\$1,286,885	\$51,861	\$11,613	\$12,594	\$11,963	\$88,031
35. + Margin-Related Marketing Costs	\$14,202	\$4,330	\$135	\$3	\$33	\$18,703	\$3,008	\$664	\$937	\$375	\$4,984
36. + Vacant (Integrated Trans ≠ SD Moreno Credit)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37. Subtotal	\$1,107,120	\$192,868	\$3,834	\$133	\$1,633	\$1,305,588	\$54,869	\$12,277	\$13,531	\$12,338	\$93,015
38. + Uncollectibles	\$3,850	\$671	\$13	\$0	\$6	\$4,540	\$191	\$43	\$47	\$0	\$281
39. TOTAL BASE MARGIN	\$1,110,971	\$193,539	\$3,847	\$134	\$1,639	\$1,310,129	\$55,060	\$12,320	\$13,578	\$12,338	\$93,296

OTHER COST COMPONENTS (ALL VALUES M\$ UNLESS NOTED)

OTHER OPERATING COSTS AND REVENUES

40. Brokerage Fee Adjustment: Core	(\$4,873)	(\$1,507)	(\$90)	(\$2)	(\$31)	(\$6,503)	\$0	\$0	\$0	\$0	\$0
41. Brokerage Fee Adjustment: Noncore	\$0	\$0	\$0	\$0	\$0	\$0	(\$20)	(\$11)	(\$29)	\$0	(\$60)
42. CCSI: Load Balancing	\$0	\$0	\$0	\$0	\$0	\$0	\$21	\$12	\$31	\$0	\$65
43. Company Use Gas: Other	\$206	\$64	\$4	\$0	\$1	\$274	\$118	\$67	\$171	\$39	\$394
44. Company Use Gas: Storage	\$2,856	\$581	\$37	\$1	\$16	\$3,491	\$404	\$229	\$586	\$134	\$1,353
45. Exchange Revenues & Interutility Transactions	\$89	\$26	\$1	\$0	\$0	\$117	\$45	\$26	\$66	\$0	\$137
46. Fuel Cell Equipment Revenues	(\$311)	(\$54)	(\$1)	(\$0)	(\$0)	(\$366)	(\$15)	(\$3)	(\$4)	\$0	(\$22)
47. Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
48. EE, DAP, and RD&D Revenues (See line 94)	\$71,477	\$39,743	\$31	\$56	\$747	\$112,053	\$6,075	\$97	\$105	\$0	\$6,276
49. Unaccounted For Gas	\$23,110	\$687	(\$122)	\$1	\$8	\$23,683	\$775	\$1,568	\$2,752	\$2,080	\$7,176
50. Well Incidents & Surface Leaks	\$128	\$22	\$1	\$0	\$0	\$151	\$2	\$1	\$3	\$0	\$6
51. Subtotal: Other Operating Costs and Revenues	\$92,682	\$39,561	(\$138)	\$55	\$742	\$132,901	\$7,406	\$1,985	\$3,682	\$2,253	\$15,325

TRANSITION COSTS

52. Interstate Trans. Cost Surcharge Account (ITCS)	\$0	\$0	\$0	\$0	\$0	\$0	(\$69)	(\$39)	(\$100)	\$0	(\$208)
53. MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54. Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55. Subtotal: Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0	(\$69)	(\$39)	(\$100)	\$0	(\$208)

**SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TC
ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTE**

	WHOLESALE NONCORE					Int'l Noncore		Unbundled	Total	Unallocated	Total
	Long Beach	SDG&E	SW Gas	Vernon	WS Totals	Mexicali		Noncore Storage	Noncore	Storage Cost To NSBA	System
	14	15	16	17	18	20	21	22	24	26	28
32. UNSCALED MARGINAL COST REVENUES	\$222	\$752	\$171	\$54	\$1,199	\$64		\$19,074	\$62,507		\$734,547
33. EPMC Scaling Factor	1.91	1.91	1.91	1.9117	1.9117	1.91		1.91	1.78		1.92
34. SCALED LRMC REVENUES	\$425	\$1,437	\$328	\$102	\$2,292	\$123		\$20,779	\$111,226	\$15,683	\$1,413,794
35. + Margin-Related Marketing Costs	\$60	\$60	\$60	\$60	\$242	\$60		\$148	\$5,434		\$24,137
36. + Vacant (Integrated Trans ≠ SD Moreno Credit)	\$0	\$0	\$0	\$0	\$0	\$0			\$0		\$0
37. Subtotal	\$485	\$1,498	\$388	\$163	\$2,534	\$183		\$20,927	\$116,660	\$15,683	\$1,437,931
38. + Uncollectibles	\$0	\$0	\$0	\$0	\$0	\$0		\$73	\$353	\$0	\$4,894
39. TOTAL BASE MARGIN	\$485	\$1,498	\$388	\$163	\$2,534	\$183		\$21,000	\$117,013	\$15,683	\$1,442,824

OTHER COST COMPONENTS (ALL VALUES M\$ UNLESS NOTED)

OTHER OPERATING COSTS AND REVENUES

40. Brokerage Fee Adjustment: Core	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		(\$6,503)
41. Brokerage Fee Adjustment: Noncore	(\$1)	(\$20)	(\$1)	(\$1)	(\$23)	(\$0)		\$0	(\$83)		(\$83)
42. CCSI: Load Balancing	\$1	\$19	\$1	\$1	\$22	\$1		\$0	\$88		\$88
43. Company Use Gas: Other	\$6	\$116	\$7	\$4	\$134	\$3		\$0	\$531		\$806
44. Company Use Gas: Storage	\$21	\$399	\$25	\$14	\$460	\$10		\$0	\$1,823		\$5,314
45. Exchange Revenues & Interutility Transactions	\$3	\$46	\$3	\$2	\$53	\$1		\$0	\$191		\$308
46. Fuel Cell Equipment Revenues	(\$0)	(\$0)	(\$0)	(\$0)	(\$1)	(\$0)		\$0	(\$22)		(\$389)
47. Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
48. EE, DAP, and RD&D Revenues (See line 94)	\$4	\$12	\$3	\$1	\$19	\$1		\$0	\$6,297		\$118,350
49. Unaccounted For Gas	\$128	\$1,642	\$158	\$25	\$1,954	\$18		\$0	\$9,148		\$32,831
50. Well Incidents & Surface Leaks	\$0	\$2	\$0	\$0	\$2	\$0		\$0	\$8		\$159
51. Subtotal: Other Operating Costs and Revenues	\$162	\$2,217	\$197	\$46	\$2,622	\$33		\$0	\$17,980	\$0	\$150,882

TRANSITION COSTS

52. Interstate Trans. Cost Surcharge Account (ITCS)	(\$4)	(\$68)	(\$4)	(\$2)	(\$78)	(\$2)		\$0	(\$288)		(\$288)
53. MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
54. Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
55. Subtotal: Transition Costs	(\$4)	(\$68)	(\$4)	(\$2)	(\$78)	(\$2)		\$0	(\$288)	\$0	(\$288)

SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO 1999 BCAP D.00-04-060)

ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTED

	CORE					RETAIL NONCORE					
	Residential	G-10	G-20	NR A/C	Gas Eng	Core Totals	Industrial	Cogen	IPP	EOR	Retail NCore
	1	2	3	4	5	6	8	9	10	11	12
REGULATORY ACCOUNTS											
56. Affiliate Transaction Tracking Acct (AFTA)	(\$161)	(\$28)	(\$1)	(\$0)	(\$0)	(\$190)	(\$8)	(\$2)	(\$2)	\$0	(\$11)
57. Aliso/Goleta Tracking Account (AGTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
58. Baseline Memorandum Account (BMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
59. Brokerage Fee Balancing Acct	\$0	\$0	\$0	\$0	\$0	\$0	\$42	\$24	\$61	\$0	\$128
60. Catastrophic Event (CEMA - Northridge)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61. California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62. Conservation Expense Account (CEA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63. Core Fixed Cost Account (CFCA)	\$7,396	\$2,288	\$136	\$3	\$47	\$9,870	\$0	\$0	\$0	\$0	\$0
64. Cost of Service RRQ Memo Acct (COSRRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65. Economic Practicality Shortfall Memo Acct	\$0	\$0	\$0	\$0	\$0	\$0	\$199	\$0	\$0	\$0	\$199
66. El Paso Turned-Back Capacity Bal Acct (EPTCBA)	(\$377)	(\$117)	(\$7)	(\$0)	(\$2)	(\$503)	(\$216)	(\$123)	(\$313)	\$0	(\$652)
67. Enhanced Oil Recovery Account CORE	\$4,081	\$704	\$14	\$0	\$6	\$4,805	\$0	\$0	\$0	\$0	\$0
68. Enhanced Oil Recovery Account NONCORE	\$0	\$0	\$0	\$0	\$0	\$0	\$324	\$73	\$79	\$0	\$475
69. Gain/Loss on Sale Memorandum Account (GLOSMA)	(\$3,137)	(\$541)	(\$11)	(\$0)	(\$5)	(\$3,694)	(\$149)	(\$33)	(\$36)	\$0	(\$219)
70. Hazardous Substance Cost Recovery Acct	\$4,556	\$1,409	\$84	\$2	\$29	\$6,081	\$2,606	\$1,480	\$3,787	\$0	\$7,874
71. Integrated Transmission Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
72. Intervenor Award Memo Acct	\$45	\$14	\$1	\$0	\$0	\$60	\$26	\$15	\$38	\$0	\$78
73. Late Payment Charge Memorandum Account (LPCMA)	(\$1,103)	(\$190)	(\$4)	(\$0)	(\$2)	(\$1,299)	(\$52)	(\$12)	(\$13)	\$0	(\$77)
74. Montebello Refund Memo Acct (MRMA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
75. Montebello True-Up Tracking Acct (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
76. Natural Gas Vehicles Acct	(\$1,647)	(\$509)	(\$30)	(\$1)	(\$10)	(\$2,198)	(\$942)	(\$535)	(\$1,369)	\$0	(\$2,846)
77. Noncore Fixed Cost Account (NFCA)	\$0	\$0	\$0	\$0	\$0	\$0	\$10,091	\$5,731	\$14,663	\$0	\$30,484
78. Noncore Fixed Cost Tracking Account (CCSI)	\$0	\$0	\$0	\$0	\$0	\$0	\$60	\$34	\$87	\$0	\$182
79. Noncore Fixed Cost Tracking Account (MPO)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
80. Noncore Fixed Cost Tracking Account (PDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81. Noncore Fixed Cost Tracking Account (TOP)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
82. Noncore Storage Balancing Acct (Subscribed)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
83. Noncore Storage Balancing Acct (Unsubscribed)	(\$4,715)	(\$1,459)	(\$87)	(\$2)	(\$30)	(\$6,293)	(\$2,697)	(\$1,532)	(\$3,919)	\$0	(\$8,148)
84. Pension Balancing Account (PBA)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
85. Post Retirem Benefits Other than Pensions (PBOPS)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
86. RD&D Expense Acct	(\$87)	(\$15)	(\$0)	(\$0)	(\$0)	(\$102)	(\$4)	(\$1)	(\$1)	\$0	(\$6)
87. Research Royalty Memo Acct	(\$384)	(\$66)	(\$1)	(\$0)	(\$1)	(\$452)	(\$18)	(\$4)	(\$4)	\$0	(\$27)
88. Self-Generation Program Memo Account (SGPMA)	\$2,185	\$676	\$40	\$1	\$14	\$2,916	\$1,250	\$710	\$1,816	\$0	\$3,776
89. Wheeler Ridge Firm Access Charge Memo Acct	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90. Subtotal: Balancing and Tracking Accounts	\$6,652	\$2,166	\$134	\$3	\$46	\$9,002	\$10,511	\$5,825	\$14,874	\$0	\$31,210
91. Subtotal-Transportation Revenue Requirement	\$1,210,304	\$235,265	\$3,844	\$192	\$2,426	\$1,452,032	\$72,908	\$20,091	\$32,034	\$14,590	\$139,623

**SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TC
ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTE**

	WHOLESALE NONCORE					Int'l Noncore		Unbundled	Total	Unallocated	Total
	Long Beach	SDG&E	SW Gas	Vernon	WS Totals	Mexicali		Noncore	Noncore	Storage Cost	System
	14	15	16	17	18	20	21	22	24	To NSBA	28
REGULATORY ACCOUNTS											
56. Affiliate Transaction Tracking Acct (AFTA)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)		\$0	(\$12)		(\$201)
57. Aliso/Goleta Tracking Account (AGTA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
58. Baseline Memorandum Account (BMA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
59. Brokerage Fee Balancing Acct	\$2	\$42	\$3	\$1	\$48	\$1		\$0	\$177		\$177
60. Catastrophic Event (CEMA - Northridge)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
61. California Solar Initiative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
62. Conservation Expense Account (CEA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
63. Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$9,870
64. Cost of Service RRQ Memo Acct (COSRRMA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
65. Economic Practicality Shortfall Memo Acct	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$199		\$199
66. El Paso Turned-Back Capacity Bal Acct (EPTCBA)	(\$11)	(\$213)	(\$14)	(\$8)	(\$246)	(\$5)		\$0	(\$903)		(\$1,406)
67. Enhanced Oil Recovery Account CORE	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$4,805
68. Enhanced Oil Recovery Account NONCORE	\$3	\$9	\$2	\$1	\$14	\$1		\$0	\$490		\$490
69. Gain/Loss on Sale Memorandum Account (GLOSMA)	(\$1)	(\$4)	(\$1)	(\$0)	(\$7)	(\$0)		\$0	(\$226)		(\$3,919)
70. Hazardous Substance Cost Recovery Acct	\$139	\$2,578	\$163	\$92	\$2,972	\$65		\$0	\$10,911		\$16,991
71. Integrated Transmission Balancing Account	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
72. Intervenor Award Memo Acct	\$1	\$26	\$2	\$1	\$30	\$1		\$0	\$108		\$169
73. Late Payment Charge Memorandum Account (LPCMA)	(\$0)	(\$1)	(\$0)	(\$0)	(\$2)	(\$0)		\$0	(\$79)		(\$1,378)
74. Montebello Refund Memo Acct (MRMA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
75. Montebello True-Up Tracking Acct (MTTA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
76. Natural Gas Vehicles Acct	(\$50)	\$0	(\$59)	(\$33)	(\$143)	(\$24)		\$0	(\$3,012)		(\$5,210)
77. Noncore Fixed Cost Account (NFCA)	\$537	\$9,980	\$633	\$356	\$11,507	\$251		\$0	\$42,243		\$42,243
78. Noncore Fixed Cost Tracking Account (CCSI)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$182		\$182
79. Noncore Fixed Cost Tracking Account (MPO)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
80. Noncore Fixed Cost Tracking Account (PDC)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
81. Noncore Fixed Cost Tracking Account (TOP)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
82. Noncore Storage Balancing Acct (Subscribed)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
83. Noncore Storage Balancing Acct (Unsubscribed)	(\$144)	(\$2,668)	(\$169)	(\$95)	(\$3,076)	(\$67)		\$0	(\$11,291)		(\$17,584)
84. Pension Balancing Account (PBA)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
85. Post Retirem Benefits Other than Pensions (PBOPS)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
86. RD&D Expense Acct	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)		\$0	(\$6)		(\$109)
87. Research Royalty Memo Acct	(\$0)	(\$1)	(\$0)	(\$0)	(\$1)	(\$0)		\$0	(\$28)		(\$480)
88. Self-Generation Program Memo Account (SGPMA)	\$67	\$1,236	\$78	\$44	\$1,425	\$31		\$0	\$5,233		\$8,149
89. Wheeler Ridge Firm Access Charge Memo Acct	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
90. Subtotal: Balancing and Tracking Accounts	\$542	\$10,983	\$638	\$359	\$12,522	\$253		\$0	\$43,985	\$0	\$52,986
91. Subtotal-Transportation Revenue Requirement	\$1,186	\$14,630	\$1,218	\$566	\$17,599	\$468		\$21,000	\$178,690	\$15,683	\$1,646,405

SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO 1999 BCAP D.00-04-060)

ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTED

	CORE						RETAIL NONCORE				
	Residential	G-10	G-20	NR A/C	Gas Eng	Core Totals	Industrial	Cogen	IPP	EOR	Retail NCore
	1	2	3	4	5	6	8	9	10	11	12
OTHER COST COMPONENTS (ALL VALUES M\$ UNLESS NOTED)											
OTHER COST ALLOCATION COMPONENTS											
92. Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
93. Total CU Fuel Cost	\$2,994	\$926	\$55	\$1	\$19	\$3,996	\$1,713	\$973	\$2,489	\$568	\$5,742
94. Integrated Transmission Charges (LRMC)	\$45,608	\$13,207	\$758	\$19	\$253	\$59,846	\$23,193	\$13,063	\$33,425	\$7,622	\$77,304
95. Independent Power Producer (IPP) / COGEN Parity Adjustment								(\$5,444)	\$5,444		
96. A = SUBTOTAL: TRANS. REV. REQ.	\$1,258,907	\$249,399	\$4,657	\$213	\$2,698	\$1,515,873	\$97,815	\$28,683	\$73,391	\$22,780	\$222,669
97. Less Enhanced Oil Recovery (EOR) Allocated Cost										(\$22,780)	
98. Core Averaging (25% of Res / Retail Difference)	(\$26,732)	\$26,732									
99. B = SUBTOTAL: TRANS. REV. REQ. w/o EOR	\$1,232,176	\$276,130	\$4,657	\$213	\$2,698	\$1,515,873	\$97,815	\$28,683	\$73,391	\$0	\$199,889
100. Less EE, DAP, and RD&D Revenues (See line 48)	\$71,477	\$39,743	\$31	\$56	\$747	\$112,053	\$6,075	\$97	\$105	\$0	\$6,276
101. C = TOTAL: TRANS. REV. REQ. w/o Non-CARE PPP	\$1,160,699	\$236,387	\$4,626	\$157	\$1,951	\$1,403,820	\$91,740	\$28,587	\$73,287	\$0	\$193,613
102. Average Year Throughput (MDth)	254,685	78,778	4,685	120	1,604	339,873	145,676	82,735	211,691	N/A	440,101
103. AVERAGE TRANSPORTATION RATES (¢/th)	45.574	30.007	9.873	13.052	12.163	41.304	6.298	3.455	3.462	N/A	4.399
		0.289						0.035			
		83,463						294,426			
GAS PROCUREMENT RELATED COSTS											
104. Vacant											
105. Carrying Cost Storage Inventory (CCSI): Other	\$1,289	\$343	\$15	\$1	\$8	\$1,655					
106. TOTAL: PROCURMENT RELATED COSTS	\$1,289	\$343	\$15	\$1	\$8	\$1,655					
107. Average Year Sales (MDth)	252,138	67,110	2,901	106	1,524	323,780					
108. A = GAS PROCUREMENT RELATED COST (¢/th)	0.051	0.051	0.051	0.051	0.051	0.051					
109. B = TOTAL PROCUREMENT RELATED RATE (¢/th)	45.625	30.058	9.924	13.103	12.214	41.911					
110. TOTAL: PROCUREMENT CUSTOMER TRANS. REVS.	\$1,150,381	\$201,719	\$2,879	\$139	\$1,861	\$1,356,979					

**SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO
ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTE**

	WHOLESALE NONCORE					Int'l Noncore		Unbundled	Total	Unallocated	Total
	Long Beach	SDG&E	SW Gas	Vernon	WS Totals	Mexicali	21	Noncore Storage	Noncore	Storage Cost To NSBA	System
	14	15	16	17	18	20	21	22	24	26	28
OTHER COST COMPONENTS (ALL VALUES M\$ UNLESS NOTED)											
OTHER COST ALLOCATION COMPONENTS											
92. Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0		\$0	\$0		\$0
93. Total CU Fuel Cost	\$91	\$0	\$107	\$60	\$259	\$43		\$0	\$6,044		\$10,040
94. Integrated Transmission Charges (LRMC)	\$1,316	\$0	\$1,524	\$817	\$3,657	\$581		\$0	\$81,541		\$141,386
95. Independent Power Producer (IPP) / COGEN Parity Adjustr											
96. A = SUBTOTAL: TRANS. REV. REQ.	\$2,593	\$14,630	\$2,850	\$1,443	\$21,515	\$1,091		\$21,000	\$266,275	\$15,683	\$1,797,831
97. Less Enhanced Oil Recovery (EOR) Allocated Cost											
98. Core Averaging (25% of Res / Retail Difference)											
99. B = SUBTOTAL: TRANS. REV. REQ. w/o EOR	\$2,593	\$14,630	\$2,850	\$1,443	\$21,515	\$1,091		\$21,000	\$243,495	\$15,683	\$1,775,051
100. Less EE, DAP, and RD&D Revenues (See line 48)	\$4	\$12	\$3	\$1	\$19	\$1		\$0	\$6,297	\$0	\$118,350
101. C = TOTAL: TRANS. REV. REQ. w/o Non-CARE PPP	\$2,589	\$14,618	\$2,847	\$1,442	\$21,496	\$1,090		\$21,000	\$237,199	\$15,683	\$1,656,701
102. Average Year Throughput (MDth)	7,782	144,568	9,167	5,162	166,679	3,642		-	610,423	-	950,295
103. AVERAGE TRANSPORTATION RATES (¢/th)	3.327	1.011	3.106	2.794	1.290	2.993			3.886		17.434
					0.013						
					170,321						
GAS PROCUREMENT RELATED COSTS											
104. Vacant											
105. Carrying Cost Storage Inventory (CCSI): Other											\$1,655
106. TOTAL: PROCURMENT RELATED COSTS											\$1,655
107. Average Year Sales (MDth)											326,912
108. A = GAS PROCUREMENT RELATED COST (¢/th)											
109. B = TOTAL PROCUREMENT RELATED RATE (¢/th)											
110. TOTAL: PROCUREMENT CUSTOMER TRANS. REVS.											

SOCALGAS COST ALLOCATION (ESTABLISHED PURUSANT TO 1999 BCAP D.00-04-060)

ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTED

	CORE						RETAIL NONCORE				
	Residential	G-10	G-20	NR A/C	Gas Eng	Core Totals	Industrial	Cogen	IPP	EOR	Retail NCore
	1	2	3	4	5	6	8	9	10	11	12
CORE AGGREGATION TRANSPORTATION (CAT) CUSTOMER REFUND											
111. FERC Settlement Proceeds Memo Acct (FSPMA)	\$0	\$0	\$0	\$0	\$0	\$0					
112. TOTAL: CAT CUSTOMER REFUND	\$0	\$0	\$0	\$0	\$0	\$0					
113. CAT Customer Average Year Throughput (MDth)	1,366	1,504	-	-	-	2,870					
114. A = CAT CUSTOMER REFUND (¢/th)	-	-	-	-	-	-					
115. B = TOTAL CAT CUSTOMER RATE (¢/th)	45.574	30.007	9.873	13.052	12.163	37.415					
116. TOTAL: TRANSPORTATION CUSTOMER REVS.	\$6,223	\$4,513	\$0	\$0	\$0	\$10,736					

Other Cost Allocation Calculations

A. Unaccounted For Gas Allocation: DRA/TURN/SoCalGas Agreement

Unaccounted For (UAF) Gas: Study	\$21,849	\$297	(\$145)	\$0	\$0	\$22,001	\$54	\$1,158	\$1,704	\$1,841	\$4,758
Unaccounted For (UAF) Gas: Reconciliation	\$1,261	\$390	\$23	\$1	\$8	\$1,683	\$721	\$410	\$1,048	\$239	\$2,418
Unaccounted For (UAF) Gas: Total	\$23,110	\$687	(\$122)	\$1	\$8	\$23,683	\$775	\$1,568	\$2,752	\$2,080	\$7,176

B. Marketing: Non-Margin Costs DSM & DAP Detail

Demand Side Management (DSM)	\$0	\$0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Direct Assistance Program (DAP)	\$33,849					\$33,849					\$0
Total Marketing: Non-Margin Costs	\$33,849	\$0	\$0	\$0	\$0	\$33,849	\$0	\$0	\$0	\$0	\$0

Total Rev Req	\$1,160,699	\$236,387	\$4,626	\$157	\$1,951	\$1,403,820	\$91,740	\$28,587	\$73,287	\$0	\$193,613
CCSI	\$1,289	\$343	\$15	\$1	\$8	\$1,655	\$0	\$0	\$0	\$0	\$0
Total Rev Req w/o SW	\$1,161,988	\$236,730	\$4,641	\$157	\$1,959	\$1,405,475	\$91,740	\$28,587	\$73,287	\$0	\$193,613

**SOCALGAS COST ALLOCATION (ESTABLISHED PURSUANT TO
ALL VALUES IN THOUSANDS OF DOLLARS (M\$) UNLESS NOTE**

	WHOLESALE NONCORE					Int'l Noncore		Unbundled	Total	Unallocated	Total
	Long Beach	SDG&E	SW Gas	Vernon	WS Totals	Mexicali		Noncore Storage	Noncore	Storage Cost To NSBA	System
	14	15	16	17	18	20	21	22	24	26	28
CORE AGGREGATION TRANSPORTATION (CAT) CUSTOMER R											
111. FERC Settlement Proceeds Memo Acct (FSPMA)											\$0
112. TOTAL: CAT CUSTOMER REFUND											\$0
113. CAT Customer Average Year Throughput (MDth)											16,093
114. A = CAT CUSTOMER REFUND (¢/th)											
115. B = TOTAL CAT CUSTOMER RATE (¢/th)											
116. TOTAL: TRANSPORTATION CUSTOMER REVS.											

Other Cost Allocation Calculations

A. Unaccounted For Gas Allocation: DRA/TURN/SoCalGas

Unaccounted For (UAF) Gas: Study	\$90	\$929	\$113	\$0	\$1,132	\$0	\$0	\$5,890	\$27,890
Unaccounted For (UAF) Gas: Reconciliation	\$38	\$713	\$45	\$25	\$822	\$18	\$0	\$3,258	\$4,941
Unaccounted For (UAF) Gas: Total	\$128	\$1,642	\$158	\$25	\$1,954	\$18	\$0	\$9,148	\$32,831

B. Marketing: Non-Margin Costs DSM & DAP Detail

Demand Side Management (DSM)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Direct Assistance Program (DAP)					\$0			\$0	\$33,849
Total Marketing: Non-Margin Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$33,849

Total Rev Req	\$2,589	\$14,618	\$2,847	\$1,442	\$21,496	\$1,090	\$21,000	\$237,199	\$15,683	\$1,656,701
CCSI	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,655
Total Rev Req w/o SW	\$2,589	\$14,618	\$2,847	\$1,442	\$21,496	\$1,090	\$21,000	\$237,199	\$15,683	\$1,658,356

SoCalGas
Transmission Level Service ("TLS") Rate Design (SFV, Volumetric & Usage rates)
v10-3-2008 Embedded Cost

Procedure:

-
- #1 Calculate Total Revenue Requirement of TLS customers
 - #2 Calculate Usage Rate (for non-base margin items)
 - #3 Calculate TLS SFV Rate:
 - #4 Calculate Volumetric Rate
 - #5 Calculate TLS Volumes & Capacity Reserved
-

Results:	SCG Rate \$/dth/day or \$/th	SCG Mth/yr or Mdth/d ExEOR	SCG Revenue Ex EOR \$000	SDGE Rate \$/dth/day or \$/th	SDGE Mth/yr or Mdth/d	SDGE Revenue \$000	SEU Rate \$/dth/day or \$/th	SEU Mth/yr or Mdth/d Ex EOR	SEU Revenue Ex EOR \$000
SFV revenue:									
Reservation	\$0.11001	877.6	\$35,238	\$0.11056	145.9	\$5,887	\$0.11009	1,023.4	\$41,125
Usage	\$0.01317	2,724,799	\$35,892	\$0.01324	461,175	\$6,105	\$0.01318	3,185,974	\$41,997
	\$0.02610	2,724,799	\$71,130	\$0.02600	461,175	\$11,992	\$0.02609	3,185,974	\$83,122
Volumetric Revenue									
Volumetric	\$0.04150	316,603	\$13,138	\$0.04170	38,411	\$1,602	\$0.04152	355,014	\$14,740
Usage	\$0.01317	316,603	\$4,171	\$0.01324	38,411	\$509	\$0.01318	355,014	\$4,680
	\$0.05467	316,603	\$17,310	\$0.05494	38,411	\$2,110	\$0.05470	355,014	\$19,420
Average \$/th	\$0.02908	3,041,402	\$88,440	\$0.02823	499,587	\$14,102	\$0.02896	3,540,988	\$102,542

#1 Calculate Total Revenue Requirement of TLS customers

	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
				SDGE (4)				Noncore T		\$000
Total Allocated Base Margin w/Sl, FFU w/o FAR, TLS	\$7,069	\$34,253		\$6,164	\$985	\$48,471	\$157	\$7,228	\$7,385	\$55,856
Other Operating Costs and Revenues	\$2,617	\$12,662		\$1,793	\$307	\$17,380	\$50	\$7,817	\$7,867	\$25,247
Transition Costs	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts	\$2,821	\$13,640		\$1,949	\$331	\$18,742	\$17	\$2,675	\$2,692	\$21,434
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Co. Use for Core IPDC	\$0	\$0		\$0	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/o BBT, w/ FFU \$000/yr	\$12,508	\$60,556	\$0	\$9,906	\$1,623	\$84,593	\$224	\$17,720	\$17,944	\$102,537
EOR Credit to Ratepayers \$000	(\$19)	(\$91)		(\$16)	(\$3)	(\$128)	\$0	\$0	\$0	(\$128)
Removal of Costs from EOR Class \$000	\$21	\$102		\$18	\$3	\$144	\$0	\$0	\$0	\$144
Total Rev Req w/Sl, FFU w/o FAR, SW, TLS	\$12,510	\$60,567	\$0	\$9,908	\$1,624	\$84,608	\$224	\$17,720	\$17,944	\$102,553
Remove FFU:										
FFU Rate (9)	102.00%	102.00%		101.51%	101.51%		102.45%	102.45%		
Allocated Base Margin w/oFFU	\$6,930	\$33,581		\$6,073	\$970	\$47,554	\$153	\$7,055	\$7,208	\$54,763
Total Rev Req w/Sl, w/o FFU, FAR, SW, TLS	\$12,264	\$59,378		\$9,761	\$1,600	\$83,004	\$219	\$17,296	\$17,515	\$100,519

	SCG NCCI-		SCG EOR-	SCG Whole		Total SCG	SDGE	SDGE EG-T	Total	Total SEU	Source
#2 Calculate Usage Rate (for non-base margin items)	T (1)	SCG EG-T (2)	T (3)	Sale Excl	SCG DGN (5)	Noncore T	NCCI-T (6)	(7)	SDGE	Trans	
				SDGE (4)					Noncore T	\$000	
Total Rev Req w/Sl, w/o FFU, FAR, SW, TLS										\$100,519	
less Allocated Base Margin w/o FFU										(\$54,763)	
NonBaseMargin items Only w/o FFU \$000										\$45,756	
AYTP of TLS customers Mth/yr (8)	457,697	2,214,749		314,965	53,990	3,041,402	3,193	496,393	499,587	3,540,988	
Usage Rate for NonBase Margin Items w/o FFU \$/th	\$0.01292	\$0.01292		\$0.01292	\$0.01292		\$0.01292	\$0.01292		\$0.01292	
Usage Rate NonBase Margin Items w/ FFU \$/th	\$0.01318	\$0.01318	\$0.01318	\$0.01312	\$0.01312		\$0.01324	\$0.01324			

#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	Source
<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>											
<u>System capacity mmcf</u>										6,000	
Mbtu/mcf										1,030	Misc Inputs
System capacity Mth/day										61,812	
<u>Core, Noncore Distribution & Noncore-T peak day demand:</u>											
SCG Core Mth/day:											
2009/2010 mmcf										2,852	Demand WP
2010/2011 mmcf										2,856	Demand WP
2011/2012 mmcf										2,859	Demand WP
average										2,855	
Mbtu/mcf										1,030	Misc Inputs
SCG Core Mth/d										29,417	
SDGE Core Mth/day:											
2009/2010 mmcf										365	Demand WP
2010/2011 mmcf										366	Demand WP
2011/2012 mmcf										367	Demand WP
average										366	
Mbtu/mcf										1,020	Misc Inputs
SCG Core Mth/d										3,732	
SCG Noncore Distribution Mth/day										5,121	Alloc Factors
SDGE Noncore Distribution Mth/day										575	SDGE RD/RUN
NonCore-T Peak Day Demand Mth/day (8)	1,317	6,258		1,642	148	9,364	9	1,900	1,908	11,272	
Core, Noncore-D & Noncore-T Peak day demand Mth/day										50,118	
<u>Portion of Remaining Capacity to be used:</u>											
System capacity Mth/day										61,812	
Core & Noncore Distribution capacity Mth/day										50,118	
remaining capacity Mth/day										11,694	
% of remaining capacity to be used to set reservation rate:											
NonCore-T Peak Day Demand Mth/day										11,272	
Core & Noncore Distribution capacity Mth/day										50,118	
% to be used to set reservation rate										22%	
amount of remaining capacity to be used to set reservation rate Mth/day										2,630	
<u>Capacity used to set reservation rate:</u>											
Core & Noncore Distribution capacity Mth/day										11,272	
amount of remaining capacity to be used to set reservation rate Mth/day										2,630	
Capacity used to set reservation rate Mth/day										13,903	
Capacity used to set reservation rate dth/day										1,390,255	
Total Allocated Base Margin w/SI, w/o FFU, FAR, TLS \$000										\$54,763	
SEU TLS SFV Rate w/o FFU \$/dth/day										\$0.10792	
FFU Rate (9)	102.00%	102.00%		101.51%	101.51%		102.45%	102.45%			
SEU TLS SFV Rate w/ FFU \$/dth/day	\$0.11008	\$0.11008		\$0.10954	\$0.10954		\$0.11056	\$0.11056			

#4 Calculate Volumetric 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
estimated capacity sold dth/day	128,499	641,580		91,999	15,485	877,563	894	144,974	145,868	1,023,431
SEU TLS SFV Rate w/o FFU \$/dth/day										\$0.10792
SFV Revenue w/o FFU \$000										\$40,313
VOL revenue =Base Margin - SFV Revenue w/o FFU \$000										\$14,449
AYTP of Vol Customers Mth/yr	27,595	261,867		26,161	980	316,603	0	38,411	38,411	355,014
VOL Rate w/o FFU \$/th	\$0.04070	\$0.04070		\$0.04070	\$0.04070		\$0.04070	\$0.04070		\$0.04070
Plus Usage Rate NonBase Margin Items w/oFFU \$/th	\$0.01292	\$0.01292		\$0.01292	\$0.01292		\$0.01292	\$0.01292		\$0.01292
TLS VOL Rate w/usage charge w/o FFU \$/th	\$0.05362	\$0.05362		\$0.05362	\$0.05362		\$0.05362	\$0.05362		\$0.05362
VOL Rate w/ FFU \$/th	\$0.04152	\$0.04152	\$0.04152	\$0.04131	\$0.04131		\$0.04170	\$0.04170		
Plus Usage Rate NonBase Margin Item w/FFU \$/th	\$0.01318	\$0.01318	\$0.01318	\$0.01312	\$0.01312		\$0.01324	\$0.01324		
TLS VOL Rate w/usage charge w/ FFU \$/th	\$0.05470	\$0.05470	\$0.05470	\$0.05443	\$0.05443		\$0.05494	\$0.05494		

Source

- | | | |
|---|---|--|
| (1) NCCI-T = NCCI Detail Alloc | (5) DGN = Cost Alloc | (9) SCG FFU = Misc Input; SDGE FFU = RUN |
| (2) EG-T = EG-EOR 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 | |

#5 Calculate TLS Volumes & Capacity Reserved

	Total		SFV Customers		VOL Custmrs Mdth/ yr (1)	Calculation of TLS Revenue:					Applicable TLS Rates:		
	# Cust (1)	Mdth/ yr	Usage Mdth/ yr (1)	Capacity Reserved Dth/day (1)		Reservation Revenue \$000	Usage Revenue \$000	Volumetric Revenue \$000	Usage Revenue \$000	Total TLS Revenue	Reservation Rate w/FFU \$/dth/day	Usage Rate w/FFU \$/th	Volumetric rate w/FFU usage \$/th
SCG:													
EG-T Tier 1	16	1,578.2	1,174.3	4,417.8	403.9	\$178	\$155	\$168	\$53	\$553	\$0.11008	\$0.01318	\$0.04152
EG-T Tier 2	35	219,896.7	194,113.9	637,161.7	25,782.8	\$25,600	\$25,585	\$10,704	\$3,398	\$65,287	\$0.11008	\$0.01318	\$0.04152
EOR-T	18	7,530.7	7,191.9	20,658.0	338.8	\$0	\$948	\$141	\$45	\$1,133	\$0.00000	\$0.01318	\$0.04152
NCCI-T	35	45,769.7	43,010.3	128,498.8	2,759.5	\$5,163	\$5,669	\$1,146	\$364	\$12,341	\$0.11008	\$0.01318	\$0.04152
DGN	1	5,399.0	5,301.0	15,485.3	98.0	\$619	\$695	\$40	\$13	\$1,368	\$0.10954	\$0.01312	\$0.04131
Vernon	1	11,613.5	11,346.3	32,815.5	267.2	\$1,312	\$1,488	\$110	\$35	\$2,946	\$0.10954	\$0.01312	\$0.04131
Long Beach	1	11,709.3	10,901.0	36,316.1	808.4	\$1,452	\$1,430	\$334	\$106	\$3,322	\$0.10954	\$0.01312	\$0.04131
SWG	1	8,173.7	6,633.1	22,867.7	1,540.6	\$914	\$870	\$636	\$202	\$2,623	\$0.10954	\$0.01312	\$0.04131
SCG Total Incl EOR	109	311,670.8	279,671.8	898,221.0	31,999.0	\$35,238	\$36,840	\$13,279	\$4,216	\$89,573			
SCG Total Exclude EOR	90	304,140.2	272,479.9	877,563.0	31,660.3	\$35,238	\$35,892	\$13,138	\$4,171	\$88,440			
SDGE:													
NCCI-T	1	319.3	319.3	894.4	0.0	\$36	\$42	\$0	\$0	\$78	\$0.11056	\$0.01324	\$0.04170
EG-T Tier 1	12	665.1	633.5	2,115.5	31.6	\$85	\$84	\$13	\$4	\$187	\$0.11056	\$0.01324	\$0.04170
EG-T Tier 2	4	48,974.2	45,164.7	142,858.5	3,809.5	\$5,765	\$5,979	\$1,588	\$504	\$13,837	\$0.11056	\$0.01324	\$0.04170
SDGE Total	17	49,958.7	46,117.5	145,868.4	3,841.1	\$5,887	\$6,105	\$1,602	\$509	\$14,102			
SEU Total (ex EOR)	107	354,098.8	318,597.4	1,023,431.4	35,501.4	\$41,125	\$41,997	\$14,740	\$4,680	\$102,542			

(1) Source = Energy Markets & Capacity Products v6/20/2008

#6 Verify Total TLS Demand

	# Cust	Total AYTP Mth/yr	Source
SCG:			
EG-T Tier 1	16	15,782	Aloc Factors
EG-T Tier 2	35	2,198,967	Aloc Factors
EOR-T	18	75,307	Aloc Factors
NCCI-T	35	457,697	Aloc Factors
DGN	1	53,990	Aloc Factors
Vernon	1	116,135	Aloc Factors
Long Beach	1	117,093	Aloc Factors
SWG	1	81,737	Aloc Factors
SCG Total Incl EOR	109	3,116,708	
SCG Total Exclude EOR	90	3,041,402	
SDGE:			
NCCI-T	1	3,193	SDGE RD-Alloc Factors
EG-T Tier 1	12	6,651	SDGE RD-Alloc Factors
EG-T Tier 2	4	489,742	SDGE RD-Alloc Factors
SDGE Total	17	499,587	
SEU Total (ex EOR)	107	3,540,988	
	0	0	

**SoCalGas - Transfer Data required to RUN Rate Design model
v10-3-2008 Embedded Cost**

Choose Cost Allocation Results to be used:

Choose cost allocation method	Embedded Cost	Embedded Cost
		LRMC
		LRMC-NCO

Choose System Integration of transmission costs:

Calculate SI Yes or No?	Yes	Yes
		No

Copy Values	Copy From	Copy To (paste values)	Data From	Data To
EOR-T Revenue	\$1,133	\$1,133	SCG RD Model / Trans Rate	SCG RD Model/ EOR
Post SW Average EG-D SCG Rate w/FFU \$/th	\$0.03745	\$0.03745	EG-D Rates	SCG RD Model/ EOR

Data to SDGE RD Model

			Model / Source	
Allocated Local T under SI w/FFU \$000	Res	\$4,570	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	NGV	\$106	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	Core C&I	\$1,518	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	Total Core	\$6,194	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	NCCI	\$285	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	EG Tier 1	\$291	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	EG Tier 2	\$4,780	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	Total EG	\$5,070	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	Total NonCore	\$5,355	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated Local T under SI w/FFU \$000	System Total	\$11,549	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	Res	\$2,080	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	NGV	\$97	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	Core C&I	\$1,013	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	Total Core	\$3,189	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	NCCI	\$258	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	EG Tier 1	\$215	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	EG Tier 2	\$4,096	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	Total EG	\$4,312	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	Total NonCore	\$4,570	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated BBT under SI w/FFU \$000	System Total	\$7,759	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Allocated CoUse Trans w/FFU under SI \$000	Res	\$593	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUse Trans w/FFU under SI \$000	NGV	\$28	SCG RD Model/SI & FAR	copy to COST ALLOC tab

Allocated CoUSE Trans w/FFU under SI \$000	CCI	\$289	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/FFU under SI \$000	total Core	\$909	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/FFU under SI \$000	NCCI	\$74	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/FFU under SI \$000	EG Tier 1	\$61	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/FFU under SI \$000	EG Tier 2	\$1,168	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/FFU under SI \$000	Total EG	\$1,229	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/FFU under SI \$000	Total NonCore	\$1,303	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/FFU under SI \$000	System Total	\$2,212	SCG RD Model/SI & FAR	copy to COST ALLOC tab
Allocated CoUSE Trans w/o FFU under SI \$000	System Total	\$2,160	SCG RD Model/SI & FAR	copy to COST ALLOC tab
TLS Revenue NCCI-T \$000		\$78	SCG RD Model/Local T Rate	copy to Rate Tables
TLS Revenue EG-Tier 1-T \$000		\$187	SCG RD Model/Local T Rate	copy to Rate Tables
TLS Revenue EG-Tier 2-T \$000		\$13,837	SCG RD Model/Local T Rate	copy to Rate Tables
TLS Volumes NCCI-T Mth/yr		3,193	SCG RD Model/Local T Rate	copy to Rate Tables
TLS Volumes EG-Tier1-T Mth/yr		6,651	SCG RD Model/Local T Rate	copy to Rate Tables
TLS Volumes EG-Tier2-T Mth/yr		489,742	SCG RD Model/Local T Rate	copy to Rate Tables
TLS SFV Mcapacity Reserved Mth/day		146	SCG RD Model/Local T Rate	copy to Rate Tables
TLS SFV Volumes Mth/year		461,175	SCG RD Model/Local T Rate	copy to Rate Tables
TLS VOL Volumes Mth/year		38,411	SCG RD Model/Local T Rate	copy to Rate Tables
Est FAR Revenue from SDGE Res		\$1,801	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Est FAR Revenue from SDGE NGV		\$84	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Est FAR Revenue from SDGE CCI		\$877	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Est FAR Revenue from SDGE NCCI		\$224	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Est FAR Revenue from SDGE EG Tier 1		\$186	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Est FAR Revenue from SDGE EG Tier 2		\$3,548	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
Est FAR Revenue from SDGE Customers		\$6,720	SCG RD Model/Local & BBT Costs	copy to COST ALLOC tab
SCG Transport Only Costs Allocated to SDGE Core & Dist \$000		\$11,707	SCG RD Model/SDGE Detail Alloc & WS Rate	Copy to Cost Alloc
SCG Core Seasonal Storage		\$6,066	SCG RD Model/SDGE Detail Alloc & WS Rate	copy to COST ALLOC tab
SCG Load Balancing Allocated to ALL SDGE \$000		\$1,305	SCG RD Model/Cost Alloc	copy to COST ALLOC tab
SFV Base Margin Items = Reservation Charge \$/dth/day		\$0.11056	SCG RD Model / Trans Rate	Copy to Rates Tables
Volumetric Base Margin Items \$/th		\$0.04170	SCG RD Model / Trans Rate	Copy to Rates Tables
Usage Fee (non base margin items) \$/th		\$0.01324	SCG RD Model / Trans Rate	Copy to Rates Tables
BBT Reservation Charge \$/dth/day		\$0.05000	SCG RD Model/Local & BBT Costs	Copy to Rate Tables
BBT Capacity Reserved Mth/day		368	SCG RD Model/Local & BBT Costs	Copy to Rate Tables
EG Tier 1-D SW Volumetric Rate w/FFU \$/th		\$0.06576	SCG RD model/EG-D Rates	
EG Tier 2-D SW Volumetric w/FFU Rate \$/th		\$0.03439	SCG RD model/EG-D Rates	
SW Volumetric Rate w/FFU \$/th UnCompressed		\$0.05221	SCG RD model/NGV Rates	
SW Volumetric Rate w/FFU \$/th Compressed		\$0.86096	SCG RD model/NGV Rates	
2009BCAP Allocated SCG BBT Trans Cost w/o SI		\$12,159	SCG RD model/Cost Alloc	
2009BCAP Allocated SCG Local-T Trans Cost w/o SI		\$9,459	SCG RD model/Cost Alloc	
SDGE ITBA Balance Post SI		\$1,119	SCG RD model/Misc Inputs	
SYSTEM TOTALw/SI,FAR,TLS,SW		\$1,738	SCG RD model/Rate Tables	

Data From SDGE RD Model

		Model / Source
SDGE AYTP mth/yr Res	326,003	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Core C&I	158,725	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	15,238	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total Core	499,967	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Non Core C&I	40,463	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr EG Tier 1	33,749	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr EG Tier 2	642,167	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr EOR	0	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total Retail Non Core	716,379	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	716,379	SDGE RD Model/ Alloc Factors
SDGE AYTP mth/yr Total System \$000	1,216,345	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Res	369,798	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Core C&I	167,807	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	15,238	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total Core	552,844	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Non Core C&I	40,463	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr EG Tier 1	33,749	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr EG Tier 2	642,167	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr EOR	0	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total Retail Non Core	716,379	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	716,379	SDGE RD Model/ Alloc Factors
SDGE CYTP mth/yr Total System \$000	1,269,223	SDGE RD Model/ Alloc Factors
SDGE's Core AYTP Mth/yr	499,967	SDGE RD Model/ Alloc Factors
NCCI-Distribution AYTP mth/yr	37,270	SDGE RD Model/ Alloc Factors
EG-Tier 1 Distribution AYTP mth/yr	27,097	SDGE RD Model/ Alloc Factors
EG-Tier 2 Distribution AYTP mth/yr	152,425	SDGE RD Model/ Alloc Factors
SDGE's Core # customers	861,922	SDGE RD Model/ Alloc Factors
NCCI-Distribution # customers	60	SDGE RD Model/ Alloc Factors
EG-Tier 1 Distribution # customers	57	SDGE RD Model/ Alloc Factors
EG-Tier 2 Distribution # customers	8	SDGE RD Model/ Alloc Factors
NCCI-Transmission AYTP mth/yr	3,193	SDGE RD Model/ Alloc Factors
EG-Tier 1 Transmission AYTP mth/yr	6,651	SDGE RD Model/ Alloc Factors
EG-Tier 2 Transmission AYTP mth/yr	489,742	SDGE RD Model/ Alloc Factors
NCCI-Transmission # customers	1	SDGE RD Model/ Alloc Factors

EG-Tier 1 Transmission # customers	12	SDGE RD Model/ Alloc Factors
EG-Tier 2 Transmission # customers	4	SDGE RD Model/ Alloc Factors
Transmission Costs w/FFU \$000	\$21,494	SDGE RD Model/Cost Alloc
Compressor Volumes mth/yr	119	SDGE RD Model / NGV Rates
SDGE - NCCI-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use	\$157	SDGE RD Model / Detail Alloc
SDGE - NCCI-T Other Operating Costs and Revenues	\$50	SDGE RD Model / Detail Alloc
SDGE - NCCI-T Regulatory Accounts	\$17	SDGE RD Model / Detail Alloc
SDGE - NCCI-T Transport Rev Req w/o BBT, w/ FFU & EOR Cr \$000/yr	\$224	SDGE RD Model / Detail Alloc
SDGE - EG-T Total Allocated Base Margin w/SI, FAR & FFU, w/o Fuel Use	\$7,228	SDGE RD Model / Detail Alloc
SDGE - EG-T Other Operating Costs and Revenues	\$7,817	SDGE RD Model / Detail Alloc
SDGE - EG-T Regulatory Accounts	\$2,675	SDGE RD Model / Detail Alloc
SDGE CYPM mth/mo Res	55,290	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Core C&I	18,360	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	1,287	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Total Core	74,937	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Non Core C&I	3,447	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo EG Tier 1	3,517	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo EG Tier 2	57,828	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo EOR	0	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Total Retail Non Core	64,793	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	64,793	SDGE RD Model / Alloc Factors
SDGE CYPM mth/mo Total System \$000	139,729	SDGE RD Model / Alloc Factors
SDGE NonCore Embedded Customer Related Costs \$000	\$4,146	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Medium Pressure Distribution Costs \$000	\$1,468	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded High Pressure Distribution Costs \$000	\$0	SDGE RD Model/Cost Alloc
SDGE NonCore Embedded Transmission Costs \$000	\$12,132	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	\$0	SDGE RD Model/Cost Alloc
Total Margin Allocation w/o SI, FAR, Fuel Use, FF&U	\$224,005	SDGE RD Model/Cost Alloc
Other Op	\$10,901	SDGE RD Model/Cost Alloc
SCG Storage Charges	\$7,551	SDGE RD Model/Cost Alloc
Reg Accounts	\$23,448	SDGE RD Model/Cost Alloc
Less EC Transmission	(\$21,494)	SDGE RD Model/Cost Alloc
Plus Local-T	\$0	SDGE RD Model/Cost Alloc
plus FAR revenue	\$6,720	SDGE RD Model/Cost Alloc

less local-T noncore trans cust costs	(\$17,944)	SDGE RD Model/Revenue Check
plus Reg Gap Revenue	\$14,102	SDGE RD Model/Revenue Check
plus new SCG Transport (i.e.RegGap SDGE C&D)	\$11,994	SDGE RD Model/Cost Alloc
SW Adjustments	(\$2,889)	SDGE RD Model/Revenue Check
EG Tier 1-D Pre-SW Total revenue \$000/yr	\$3,098	SDGE RD Model/EG-D Rates
EG Tier 1-D AYTP Mth/yr	27,097	SDGE RD Model/EG-D Rates
EG Tier 1-D Customer Charge Revenue \$000	\$34	SDGE RD Model/EG-D Rates
EG Tier 2-D Pre-SW Total revenue \$000/yr	\$5,864	SDGE RD Model/EG-D Rates
EG Tier 2-D AYTP Mth/yr	152,425	SDGE RD Model/EG-D Rates
EG Tier 2-D Customer Charge Revenue \$000	\$0	SDGE RD Model/EG-D Rates
Final Rev Req \$000	\$252,718	SDGE RD Model/Rate Tables
Pre-SW NGV Transportation Volumetric Revenue	\$1,785	SDGE RD Model / NGV Rates
Pre-SW NGV Customer Charge Revenue	\$13	SDGE RD Model / NGV Rates
NGV Transportation volumes mth/yr	15,238	SDGE RD Model / NGV Rates
NGV Post SW Customer Charge Revenue:	\$13	SDGE RD Model / NGV Rates
Pre SW NGV Compressor Revenue \$000	\$97	SDGE RD Model / NGV Rates
NGV Compressor Volumes Mth/yr	119	SDGE RD Model / NGV Rates
SDGE NCCI-T Direct Peak Day Demand Mth/day	9	SDGE RD Model / Alloc Factors
SDGE EG-T Direct Peak Day Demand Mth/day	1,900	SDGE RD Model / Alloc Factors
SDGE Core Cumulative Transmission Peak Day Mth/day	3,980	SDGE RD/Alloc Factors
SDGE Noncore Cumulative HP Distribution Peak Day Mth/day	575	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast AYTP Mth/yr	716,759	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast CYTP Mth/yr	769,636	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast # Customers	862,048	SDGE RD/Alloc Factors
SDGE Core & Dist Forecast CYPM Mth/mo	92,936	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast AYTP Mth/yr	3,193	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast CYTP Mth/yr	3,193	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast # Customers	1	SDGE RD/Alloc Factors
SDGE NCCI-T Forecast CYPM Mth/mo	272	SDGE RD/Alloc Factors
SDGE EG-T Forecast AYTP Mth/yr	496,393	SDGE RD/Alloc Factors
SDGE EG-T Forecast CYTP Mth/yr	496,393	SDGE RD/Alloc Factors
SDGE EG-T Forecast # Customers	16	SDGE RD/Alloc Factors
SDGE EG-T Forecast CYPM Mth/mo	46,521	SDGE RD/Alloc Factors
SDGE Local-T Costs Res	\$6,435	SDGE RD Model/Cost Alloc
SDGE Local-T Costs CCI	\$2,137	SDGE RD Model/Cost Alloc
SDGE Local-T Costs NGV	\$150	SDGE RD Model/Cost Alloc
SDGE Local-T Costs NCCI	\$401	SDGE RD Model/Cost Alloc
SDGE Local-T Costs EG Tier 1	\$409	SDGE RD Model/Cost Alloc
SDGE Local-T Costs EG Tier2	\$6,731	SDGE RD Model/Cost Alloc
SDGE BBT Costs Res	\$6,263	SDGE RD Model/Cost Alloc
SDGE BBT Costs CCI	\$2,842	SDGE RD Model/Cost Alloc
SDGE BBT Costs NGV	\$258	SDGE RD Model/Cost Alloc
SDGE BBT Costs NCCI	\$685	SDGE RD Model/Cost Alloc
SDGE BBT Costs EG Tier 1	\$572	SDGE RD Model/Cost Alloc
SDGE BBT Costs EG Tier2	\$10,875	SDGE RD Model/Cost Alloc
SDGE CoUse Transmission Costs	\$2,162	SDGE RD Model/Misc Inputs
SDGE Forecast AYTP Mth/yr Core	499,967	SDGE RD/Alloc Factors
SDGE Forecast AYTP Mth/yr NCCI-D	37,270	SDGE RD/Alloc Factors

SDGE Forecast AYTP Mth/yr EG-D	179,522	SDGE RD/Alloc Factors
SDGE Forecast CYTP Mth/yr Core	552,844	SDGE RD/Alloc Factors
SDGE Forecast CYTP Mth/yr NCCI-D	37,270	SDGE RD/Alloc Factors
SDGE Forecast CYTP Mth/yr EG-D	179,522	SDGE RD/Alloc Factors
SDGE Forecast # Customers Core	861,922	SDGE RD/Alloc Factors
SDGE Forecast # Customers NCCI-D	60	SDGE RD/Alloc Factors
SDGE Forecast # Customers EG-D	65	SDGE RD/Alloc Factors
SDGE Forecast CYPM Mth/yr Core	74,937	SDGE RD/Alloc Factors
SDGE Forecast CYPM Mth/yr NCCI-D	3,175	SDGE RD/Alloc Factors
SDGE Forecast CYPM Mth/yr EG-D	14,824	SDGE RD/Alloc Factors
SDGE ITBA Balance pre SI	\$4,669	SDGE RD/Misc Inputs
SDGE FFU Rate	102.45%	SDGE RD/Cost Alloc
SDGE Mbtu/mcf	1,020	SDGE RD/Misc Inputs