# CHAPTER X.C WORKPAPER SUMMARY

## SoCalGas and SDG&E Workpapers

Workpapers	Testimony Section	Corresponding Testimony Tables	Workpaper Page
Calculation of Integrated Allocators	X.C.3	N/A	X.C - 1
Calculation of Proposed Case PSEP Surcharges and			
Illustrative PPPS Rates	X.C.3	X-10, X-11, X-12	X.C - 2

## SoCalGas (SCG) Workpapers

Workpapers	Testimony Section	Corresponding Testimony Tables	Workpaper Page
SoCalGas Class-Average Rate Table	X.C.2	X-9	X.C - 3
SoCalGas Core Cost Allocation	X.C.2	N/A	X.C - 4
SoCalGas Retail Noncore Cost Allocation	X.C.2	N/A	X.C - 5
SoCalGas Wholesale Cost Allocation	X.C.2	N/A	X.C - 6
SoCalGas International and Summary Cost Allocation	X.C.2	N/A	X.C - 7
SoCalGas Current Average Residential Bill	X.C.2	X-9, X13	X.C - 8
SoCalGas Illustrative 2015 Average Residential Bill	X.C.3	X-13	X.C - 9

## SDG&E Workpapers

Workpapers	Testimony Section	Corresponding Testimony Tables	Workpaper Page		
SDG&E Class-Average Rate Table	X.C.2	X-9	X.C - 10		
SDG&E Core Cost Allocation	X.C.2	N/A	X.C - 11		
SDG&E Noncore Retail and Summary Cost Allocation	X.C.2	N/A	X.C - 12		
SDG&E Current Average Residential Bill	X.C.2	X-9, X-13	X.C - 13		
SDG&E Illustrative 2015 Average Residential Bill	X.C.3	X-13	X.C - 14		

WORKPAPER TITLE
Calculation of Integrated Allocators
WITNESS
Gary Lenart

#### 1 EPAM Calculation

2											
3		Res	Core C&I	NR A/C	Gas Eng	NGV	NonCore C&I-D	EG-D	TLS	Total	Source
4		Res	Core Car	INR A/C	Gas Eng	NGV	NONCOLE CAL-D	EG-D	IL3	TOLAI	Source
5	SoCalGas	\$1,293,106	\$245,292	\$83	\$1,605	\$8,938			\$8,021		Current SoCalGas RD Model: Cost Alloc Tab
-		\$1,293,100	9240,292	<i>ф</i> 03	φ1,005	40,930	A05 000				
1							\$65,980		\$8,624		Current SoCalGas RD Model: NCCI Detail Alloc Tab
8								\$11,521	49,687		Current SoCalGas RD Model: EG Detail Alloc Tab
9								\$3,212	\$1,619		Post SI/FAR EOR Allocation from Lines (23) and (24)
10	SoCalGas Total Authorized Margin	\$1,293,106	\$245,292	\$83	\$1,605	\$8,938	\$65,980	\$14,733	\$67,951	\$1,697,688	
11											
12	SDG&E										
13		\$195,557	\$29,644	\$0	\$0	\$599					Current SDG&E RD Model: Cost Alloc Tab
14							\$3,341		\$290		Current SDG&E RD Model: NCCI Detail Alloc Tab
15								\$3,932	\$8,724		Current SDG&E RD Model: EG Detail Alloc Tab
16	SDG&E Total Authorized Margin	\$195,557	\$29,644	\$0	\$0	\$599	\$3,341	\$3,932	\$9,014	\$242,087	
17											
18	Integrated Authorized Margin	\$1,488,663	\$274,936	\$83	\$1,605	\$9,536	\$69,321	\$18,665	\$76,965	\$1,939,775	
19	Integrated EPAM %	76.7%	14.2%	0.0%	0.1%	0.5%	3.6%	1.0%	4.0%	100.0%	

Notes:

Lines (6) through (10) represent post-System Integration (SI)/post-Firm Access Rights (FAR) unbundling base margins from current SoCalGas Rate Design Model

Lines (12) through (16) represent post-System Integration/post-Firm Access Rights unbundling base margins from current SDG&E Rate Design Model

Line (18) = Line (10) + Line (16)

SoCalGas EOR-D Base Margin is added to SoCalGas EG-D Base Margin and SoCalGas EOR-T Base Margin is added to TLS Base Margin as EOR-D customers are proposed to pay the EG-D surcharge and EOR-T customers will pay the TLS surcharge Unbundled Storage base margin and base margin allocated to SDG&E as a wholesale customer to SoCalGas are exluded from this calculation due to the integrated nature of the PSEP surcharges

#### 20 Calculation of PostSI/FAR Enhanced Oil Recovery (EOR) Authorized Margin

0		
Z	Т	

		Total AM to EOR Pre		Total AM to EOR PostSI/FAR	
22		SI & FAR	% D&T Split	at EPAM	Source
23	amount to EOR-D	\$3,406	66.5%	\$3,212	Current SoCalGas RD Model: CA Model Tab
24	amount to EOR-T	\$1,717	33.5%	\$1,619	Current SoCalGas RD Model: CA Model Tab
25		\$5,123	100.0%	\$4,831	Current SoCalGas RD Model: Cost Alloc Tab

WORKPAPER TITLE
Calculation of Integrated Allocators
WITNESS
Gary Lenart

#### Integrated AYTP Calculation

1

2					
3		A	В	С	D = B + C
4					
5			SoCalGas	SDG&E	Integrated
			(Mth)	(Mth)	(Mth)
6		Res	2,483,989	326,003	2,809,992
7		Core C&I	970,519	158,725	1,129,244
8		NR A/C	1,210	0	1,210
9		Gas Eng	18,080	0	18,080
10		NGV	117,231	15,238	132,469
11		NonCore C&I D	982,465	37,270	1,019,735
12		EG D	434,875	179,522	614,397
13		TLS	3,374,928	499,587	3,874,515
14		Total	8,383,298	1,216,345	9,599,643
15					
16		check	0	0	
17					
18	Integrated # of Customers Calculation				
18 19	Integrated # of Customers Calculation				
	Integrated # of Customers Calculation	А	В	С	D = B + C
19	Integrated # of Customers Calculation	A	В	С	D = B + C
19 20	Integrated # of Customers Calculation	A	B SoCalGas	C SDG&E	D = B + C
19 20 21	Integrated # of Customers Calculation	A		-	
19 20 21 22	Integrated # of Customers Calculation		SoCalGas	SDG&E	Integrated
19 20 21 22 23	Integrated # of Customers Calculation	Res	SoCalGas 5,455,350	SDG&E 832,050	Integrated 6,287,401
19 20 21 22 23 24	Integrated # of Customers Calculation	Res Core C&I	SoCalGas 5,455,350 215,286	SDG&E 832,050 29,831	Integrated 6,287,401 245,117
19 20 21 22 23 24 25	Integrated # of Customers Calculation	Res Core C&I NR A/C	SoCalGas 5,455,350 215,286 16	SDG&E 832,050 29,831 0	Integrated 6,287,401 245,117 16
19 20 21 22 23 24 25 26	Integrated # of Customers Calculation	Res Core C&I NR A/C Gas Eng	SoCalGas 5,455,350 215,286 16 845	SDG&E 832,050 29,831 0 0	Integrated 6,287,401 245,117 16 845
19 20 21 22 23 24 25 26 27	Integrated # of Customers Calculation	Res Core C&I NR A/C Gas Eng NGV	SoCalGas 5,455,350 215,286 16 845 273	SDG&E 832,050 29,831 0 0 40	Integrated 6,287,401 245,117 16 845 313
19 20 21 22 23 24 25 26 27 28	Integrated # of Customers Calculation	Res Core C&I NR A/C Gas Eng NGV NonCore C&I D	SoCalGas 5,455,350 215,286 16 845 273 670	SDG&E 832,050 29,831 0 0 40 60	Integrated 6,287,401 245,117 16 845 313 730
19 20 21 22 23 24 25 26 27 28 29	Integrated # of Customers Calculation	Res Core C&I NR A/C Gas Eng NGV NonCore C&I D EG D	SoCalGas 5,455,350 215,286 16 845 273 670 180	SDG&E 832,050 29,831 0 0 40 60 65	Integrated 6,287,401 245,117 16 845 313 730 245
19 20 21 22 23 24 25 26 27 28 29 30	Integrated # of Customers Calculation	Res Core C&I NR A/C Gas Eng NGV NonCore C&I D EG D TLS	SoCalGas 5,455,350 215,286 16 845 273 670 180 111	SDG&E 832,050 29,831 0 40 60 65 17	Integrated 6,287,401 245,117 16 845 313 730 245 127
19 20 21 22 23 24 25 26 27 28 29 30 31	Integrated # of Customers Calculation	Res Core C&I NR A/C Gas Eng NGV NonCore C&I D EG D TLS	SoCalGas 5,455,350 215,286 16 845 273 670 180 111	SDG&E 832,050 29,831 0 40 60 65 17	Integrated 6,287,401 245,117 16 845 313 730 245 127

Notes:

AYTP and # of customers figures in column B from current SoCalGas Rate Design Model Alloc Factors, NCCI Detail Alloc, and EG Detail Alloc Tabs

AYTP and # of customers figures in column C from current SDG&E Rate Design Model Alloc Factors, NCCI Detail Alloc, and EG Detail Alloc Tabs SoCalGas EOR-D AYTP/# Cust is added to SoCalGas EG-D AYTP/# Cust and SoCalGas EOR-T AYTP/# Cust is added to TLS AYTP/# Cust as EOR-D customers are proposed to pay the EG-D surcharge and EOR-T customers will pay the TLS surcharge SDG&E AYTP and customer count as a wholesale customer to SoCalGas are exluded from this calculation due to the integrated nature of the PSEP surcharges

Calculation of Proposed Case PSEP Surcharges and Illustrative PPPS Rates
WITNESS

Gary Lenart

#### Step 1 of 4: Allocation of Rev Req to Classes - \$ millions

1			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2	SoCalGas Rev Req		\$0.00	\$64.28	\$100.49	\$182.58	\$247.01	\$233.95	\$266.30	\$296.51	\$325.83	\$350.43	\$375.87	\$396.61
3	less FF&U		\$0.00	\$1.09	\$1.70	\$3.10	\$4.19	\$3.97	\$4.52	\$5.03	\$5.53	\$5.95	\$6.38	\$6.73
4	SoCalGas (w/o FF&U)		\$0.00	\$63.19	\$98.79	\$179.48	\$242.82	\$229.98	\$261.79	\$291.48	\$320.31	\$344.48	\$369.49	\$389.88
5														
6	SDG&E Rev Req		\$0.00	\$1.27	\$5.19	\$24.53	\$30.73	\$44.15	\$64.43	\$83.69	\$116.82	\$100.32	\$98.77	\$96.04
7	less FF&U		\$0.00	\$0.03	\$0.12	\$0.55	\$0.69	\$1.00	\$1.45	\$1.89	\$2.64	\$2.27	\$2.23	\$2.17
8	SDG&E (w/o FF&U)		\$0.00	\$1.24	\$5.07	\$23.98	\$30.04	\$43.15	\$62.98	\$81.80	\$114.18	\$98.05	\$96.54	\$93.87
9	Total PSEP Revenue Requirement	(w/o FF&U)	\$0.00	\$64.43	\$103.86	\$203.46	\$272.86	\$273.13	\$324.76	\$373.28	\$434.49	\$442.54	\$466.03	\$483.75
10														
11		Integrated EPAM	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
12	Res	76.7%	\$0.00	\$49.45	\$79.70	\$156.15	\$209.40	\$209.61	\$249.24	\$286.47	\$333.44	\$339.62	\$357.65	\$371.25
13	CCI	14.2%	\$0.00	\$9.13	\$14.72	\$28.84	\$38.67	\$38.71	\$46.03	\$52.91	\$61.58	\$62.72	\$66.05	\$68.56
14	Gas A/C (SoCal Only)	0.0%	\$0.00	\$0.00	\$0.00	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02
15	Gas Engine (SoCal Only)	0.1%	\$0.00	\$0.05	\$0.09	\$0.17	\$0.23	\$0.23	\$0.27	\$0.31	\$0.36	\$0.37	\$0.39	\$0.40
16	NGV	0.5%	\$0.00	\$0.32	\$0.51	\$1.00	\$1.34	\$1.34	\$1.60	\$1.84	\$2.14	\$2.18	\$2.29	\$2.38
17	NCCI - D	3.6%	\$0.00	\$2.30	\$3.71	\$7.27	\$9.75	\$9.76	\$11.61	\$13.34	\$15.53	\$15.81	\$16.65	\$17.29
18	EG - D	1.0%	\$0.00	\$0.62	\$1.00	\$1.96	\$2.63	\$2.63	\$3.12	\$3.59	\$4.18	\$4.26	\$4.48	\$4.65
19	TLS	4.0%	\$0.00	\$2.56	\$4.12	\$8.07	\$10.83	\$10.84	\$12.89	\$14.81	\$17.24	\$17.56	\$18.49	\$19.19
20	Total Allocated PSEP Costs		\$0.00	\$64.43	\$103.86	\$203.46	\$272.86	\$273.13	\$324.76	\$373.28	\$434.49	\$442.54	\$466.03	\$483.75
21														
22	check		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Notes:

Lines (2), (3), (6), and (7) from Proposed Case workpapers to testimony of Ms. Shepard Rev Req for 2011 and 2012 consolidated into 2012 for purposes of calculating 2012 rates Line (9) = Line (4) + Line (8)

EPAM Allocation Percentages from Calculation of EPAM Allocator Workpaper

Lines (12) through (19) = Line (9) \* allcoated EPAM percentage

Calculation of Proposed Case PSEP Surcharges and Illustrative PPPS Rates

WITNESS Gary Lenart

#### Step 2 of 4: Calculation of Residential Monthly PSEP Surcharges

1		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2	Residential PSEP Revenue Requirement (w/o FF&U) - \$ millions	\$0.00	\$49.45	\$79.70	\$156.15	\$209.40	\$209.61	\$249.24	\$286.47	\$333.44	\$339.62	\$357.65	\$371.25
3	Integrated Residential Customer Count	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401	6,287,401
4	PSEP Surcharge (w/o FF&U) - \$/mo	\$0.00	\$0.66	\$1.06	\$2.07	\$2.78	\$2.78	\$3.30	\$3.80	\$4.42	\$4.50	\$4.74	\$4.92
5													
6	SoCalGas FF&U Rate	101.73%	101.73%	101.73%	101.73%	101.73%	101.73%	101.73%	101.73%	101.73%	101.73%	101.73%	101.73%
7	SoCalGas PSEP Surcharge (w/FF&U) - \$/mo	\$0.00	\$0.67	\$1.07	\$2.11	\$2.82	\$2.83	\$3.36	\$3.86	\$4.50	\$4.58	\$4.82	\$5.01
8													
9	SDG&E FF&U Rate	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%
10	SDG&E PSEP Surcharge w/ FF&U and FFD	\$0.00	\$0.67	\$1.08	\$2.12	\$2.84	\$2.84	\$3.38	\$3.88	\$4.52	\$4.61	\$4.85	\$5.03
11	SDG&E FFD Adjustment	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%	0.45%
12	SDG&E PSEP Surcharge (w/FF&U) - \$/mo	\$0.00	\$0.67	\$1.08	\$2.11	\$2.83	\$2.83	\$3.36	\$3.87	\$4.50	\$4.58	\$4.83	\$5.01

Notes:

Line (2) from Step 1 of Proposed Case: Allocation of Rev Req to Classes Line (4) = Line (2) \* 1,000,000 / Line (3) / 12 Line (7) = Line (4) \* Line (6) Line 12 = Line (4) \* Line (9) \* (1- Line (11))

Calculation of Proposed Case PSEP Surcharges and Illustrative PPPS Rates

WITNESS Gary Lenart

Step 3 of 4: Calculation of Non-Residential Volumetric PSEP Surcharges - \$/th

1			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2	PSEP Rates (w/o FFU)	Integrated AYTP (Mth)												
3	CCI	1,129,244	\$0.000	\$0.008	\$0.013	\$0.026	\$0.034	\$0.034	\$0.041	\$0.047	\$0.055	\$0.056	\$0.058	\$0.061
4	Gas A/C	1,210	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.012	\$0.013	\$0.015	\$0.016	\$0.017	\$0.017
5	Gas Engine	18,080	\$0.000	\$0.003	\$0.005	\$0.009	\$0.012	\$0.012	\$0.015	\$0.017	\$0.020	\$0.020	\$0.021	\$0.022
6	NGV	132,469	\$0.000	\$0.002	\$0.004	\$0.008	\$0.010	\$0.010	\$0.012	\$0.014	\$0.016	\$0.016	\$0.017	\$0.018
7	NCCI - D	1,019,735	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.011	\$0.013	\$0.015	\$0.016	\$0.016	\$0.017
8	ED - D	614,397	\$0.000	\$0.001	\$0.002	\$0.003	\$0.004	\$0.004	\$0.005	\$0.006	\$0.007	\$0.007	\$0.007	\$0.008
9	TLS	3,874,515	\$0.000	\$0.001	\$0.001	\$0.002	\$0.003	\$0.003	\$0.003	\$0.004	\$0.004	\$0.005	\$0.005	\$0.005
10														
11	SoCalGas Rates (w/ FFU)	<u>FF&amp;U</u>												
12	CCI	101.73%	\$0.000	\$0.008	\$0.013	\$0.026	\$0.035	\$0.035	\$0.041	\$0.048	\$0.055	\$0.057	\$0.060	\$0.062
13	Gas A/C	101.73%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.012	\$0.013	\$0.016	\$0.016	\$0.017	\$0.017
14	Gas Engine	101.73%	\$0.000	\$0.003	\$0.005	\$0.009	\$0.013	\$0.013	\$0.015	\$0.017	\$0.020	\$0.021	\$0.022	\$0.023
15	NGV	101.73%	\$0.000	\$0.002	\$0.004	\$0.008	\$0.010	\$0.010	\$0.012	\$0.014	\$0.016	\$0.017	\$0.018	\$0.018
16	NCCI - D	101.73%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.012	\$0.013	\$0.015	\$0.016	\$0.017	\$0.017
17	ED - D	101.73%	\$0.000	\$0.001	\$0.002	\$0.003	\$0.004	\$0.004	\$0.005	\$0.006	\$0.007	\$0.007	\$0.007	\$0.008
18	TLS (Non-Wholesale)	101.73%	\$0.000	\$0.001	\$0.001	\$0.002	\$0.003	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.005
19	TLS (Wholesale)	101.48%	\$0.000	\$0.001	\$0.001	\$0.002	\$0.003	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.005
20														
21	SDG&E Rates (W/ FFU and FFD)	<u>FF&amp;U</u>												
22	CCI	102.31%	\$0.000	\$0.008	\$0.013	\$0.026	\$0.035	\$0.035	\$0.042	\$0.048	\$0.056	\$0.057	\$0.060	\$0.062
23	NGV	102.31%	\$0.000	\$0.002	\$0.004	\$0.008	\$0.010	\$0.010	\$0.012	\$0.014	\$0.016	\$0.017	\$0.018	\$0.018
24	NCCI - D	102.31%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.012	\$0.013	\$0.016	\$0.016	\$0.017	\$0.017
25	ED - D	102.31%	\$0.000	\$0.001	\$0.002	\$0.003	\$0.004	\$0.004	\$0.005	\$0.006	\$0.007	\$0.007	\$0.007	\$0.008
26	TLS	102.31%	\$0.000	\$0.001	\$0.001	\$0.002	\$0.003	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.005
27														
28	SDG&E Rates (W/ FFU)	FFD Adjustment												
29	CCI	0.56%	\$0.000	\$0.008	\$0.013	\$0.026	\$0.035	\$0.035	\$0.041	\$0.048	\$0.055	\$0.057	\$0.060	\$0.062
30	NGV	0.47%	\$0.000	\$0.002	\$0.004	\$0.008	\$0.010	\$0.010	\$0.012	\$0.014	\$0.016	\$0.017	\$0.018	\$0.018
31	NCCI - D	0.00%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.012	\$0.013	\$0.016	\$0.016	\$0.017	\$0.017
32	ED - D	0.00%	\$0.000	\$0.001	\$0.002	\$0.003	\$0.004	\$0.004	\$0.005	\$0.006	\$0.007	\$0.007	\$0.007	\$0.008
33	TLS	0.00%	\$0.000	\$0.001	\$0.001	\$0.002	\$0.003	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.005

Notes:

Lines (3) through (9) = Allocated Rev Req from Step 1 of Proposed Case \* 1000 / AYTP

Lines (12) through (19) = Lines (3) through (9) \* corresponding FF&U

Lines (29) through (33) = Lines (3) through (9) (Excluding Lines (4) and (5)) \* corresponding FF&U \* (1 - corresponding FFD Adjustment)

Calculation of Proposed Case PSEP Surcharges and Illustrative PPPS Rates

WITNESS Gary Lenart

Step 4 of 4: Calculation of PSEP Surcharge for CARE participants and Illustrative PPPS Rates

1		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
2													
3	SoCalGas CARE Rates												
4	SoCalGas PSEP Surcharge	\$0.00	\$0.67	\$1.07	\$2.11	\$2.82	\$2.83	\$3.36	\$3.86	\$4.50	\$4.58	\$4.82	\$5.01
5	less 20%	\$0.00	(\$0.13)	(\$0.21)	(\$0.42)	(\$0.56)	(\$0.57)	(\$0.67)	(\$0.77)	(\$0.90)	(\$0.92)	(\$0.96)	(\$1.00)
6	SoCalGas CARE PSEP Surcharge - \$/mo	\$0.00	\$0.53	\$0.86	\$1.68	\$2.26	\$2.26	\$2.69	\$3.09	\$3.60	\$3.66	\$3.86	\$4.00
7	SoCalGas CARE Customers	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706	1,708,706
8	SoCalGas CARE Discount Dollars (\$ millions)	\$0.00	\$2.73	\$4.41	\$8.63	\$11.58	\$11.59	\$13.78	\$15.84	\$18.44	\$18.78	\$19.78	\$20.53
9													
10													
11	SoCalGas PPPS Rates - \$/th												
12	Residential	\$0.07687	\$0.07751	\$0.07790	\$0.07890	\$0.07959	\$0.07960	\$0.08011	\$0.08060	\$0.08121	\$0.08129	\$0.08152	\$0.08170
13	Core Commercial/Industrial	\$0.06809	\$0.06874	\$0.06913	\$0.07012	\$0.07082	\$0.07082	\$0.07134	\$0.07182	\$0.07243	\$0.07251	\$0.07275	\$0.07292
14	NGV	\$0.03076	\$0.03140	\$0.03179	\$0.03279	\$0.03348	\$0.03348	\$0.03400	\$0.03449	\$0.03510	\$0.03518	\$0.03541	\$0.03559
15	Noncore C/I	\$0.03476	\$0.03541	\$0.03580	\$0.03679	\$0.03749	\$0.03749	\$0.03801	\$0.03849	\$0.03910	\$0.03918	\$0.03942	\$0.03959
16													
17													
18	SDG&E CARE Rates												
19	SDG&E PSEP Surcharge	\$0.00	\$0.67	\$1.08	\$2.11	\$2.83	\$2.83	\$3.36	\$3.87	\$4.50	\$4.58	\$4.83	\$5.01
20	less 20%	\$0.00	(\$0.13)	(\$0.22)	(\$0.42)	(\$0.57)	(\$0.57)	(\$0.67)	(\$0.77)	(\$0.90)	(\$0.92)	(\$0.97)	(\$1.00)
21	SDG&E CARE PSEP Surcharge - \$/mo	\$0.00	\$0.53	\$0.86	\$1.69	\$2.26	\$2.26	\$2.69	\$3.09	\$3.60	\$3.67	\$3.86	\$4.01
22	SDG&E CARE Customers	203,547	203,547	203,547	203,547	203,547	203,547	203,547	203,547	203,547	203,547	203,547	203,547
23	SDG&E CARE Discount Dollars (\$ millions)	\$0.00	\$0.33	\$0.53	\$1.03	\$1.38	\$1.38	\$1.64	\$1.89	\$2.20	\$2.24	\$2.36	\$2.45
24													
25	SDG&E PPPS Rates - \$/th												
26	Residential	\$0.07560	\$0.07629	\$0.07672	\$0.07779	\$0.07854	\$0.07854	\$0.07910	\$0.07962	\$0.08028	\$0.08037	\$0.08062	\$0.08082
27	Core Commercial/Industrial	\$0.12037	\$0.12107	\$0.12149	\$0.12257	\$0.12332	\$0.12332	\$0.12388	\$0.12440	\$0.12506	\$0.12515	\$0.12540	\$0.12559
28	NGV	\$0.03193	\$0.03262	\$0.03305	\$0.03412	\$0.03487	\$0.03487	\$0.03543	\$0.03595	\$0.03661	\$0.03670	\$0.03695	\$0.03715
29	Noncore C/I	\$0.11412	\$0.11482	\$0.11524	\$0.11632	\$0.11707	\$0.11707	\$0.11763	\$0.11815	\$0.11881	\$0.11890	\$0.11915	\$0.11934

Notes:

Lines (4) and (19) from Step 2 of Proposed Case: Calculation of Residential Monthly PSEP Surcharges

Lines (7) and (22) = Avg 2011 SoCalGas and SDG&E CARE participation

Line (8) = Line (5) \* Line (7) \* 12 / 1,000,000

Lines (12) through (15) the results of adding Line (8) to SoCalGas PPPS Model

Line (23) = Line (20) \* Line (22) \* 12 / 1,000,000

Lines (26) through (29) the results of adding Line (23) to SDG&E PPPS Model

Gary Lenart

# Natural Gas Transportation Rate Revenues <u>Southern California Gas Company</u> January 2011 Rates

$ \frac{ \mathbf{r} _{1} +  \mathbf{r} _{2} + $				20	11 SCG RD Mo	del					
Volumes         Rate         Reverse         Volumes         Volumes         Source         Change         Change         Change         Change         Change         Change         Change         Change         Source           2         COME         B         C         D         E         F         G         H         1           2         Relativital         2483/99         S03/S11         \$1,31,703         \$2,483,99         \$3,0511         \$1,31,703         \$50,621         \$50,621         \$50         \$0,0000         0.0%           4         Commercial industrial         70,7121         \$0,0910         \$10,671         \$11,721         \$0,0010         \$0,0210         \$62,22         \$0         \$0,0000         0.0%           5         SemparWide Algumment         117,211         \$0,0010         \$11,7211         \$0,00215         \$62,22         \$0         \$0,0000         0.0%           100         SemparWide Algument         117,211         \$0,00215         \$11,7211         \$0,00215         \$12,821         \$0,00         \$0,0000         0.0%           101         SemparWide         117,211         \$0,00215         \$11,221         \$0,00215         \$11,201         \$0,00215         \$11,201			Pre	esent Rates		Prop	osed Rates		Cha	inges	
NumsymmethyMumsymmethyMumsymmethySymm			1/1/2011	Average	1/1/2011	Jan-1-11	Proposed	Jan-1-11	Revenue	Rate	% Rate
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Volumes	Rate	Revenues	Volumes	Rate	Revenues	Change	Change	change
COBE         Control         2,483,889         50,55611         51,311,703         2,483,889         50,55611         51,311,703         50         50,00000         0.05           3         Commercial & Industrial         970,519         50,3532         \$306,021         \$90         \$50,0000         0.05           5         NCV- Pro-SempraVide Algement         117,231         50,00010         \$117,231         \$50,00000         0.05           7         NCV- Post SempraVide Algement         117,231         \$50,00000         \$117,231         \$50,00000         0.05           7         NCV- Post SempraVide Algement         117,231         \$50,0833         \$101,426         \$50         \$50,00000         0.05           11         Cast Engine         13,808         \$10,426         \$17,231         \$50,00000         0.05           11         Ical Core         3,591,000         \$50,4592         \$1,650,133         \$50         \$50,00000         0.05           11         Ical Core         3,591,000         \$50,457         \$1,610,133         \$50         \$50,00000         0.05           12         NONCOBE COMMERCIAL & INDUSTRIAL         Transmission Level Service (2)         457,697         \$0,02517         \$11,520         \$50         \$0,00000 <td></td> <td></td> <td>Mth</td> <td>\$/therm</td> <td>\$000's</td> <td>Mth</td> <td>\$/therm</td> <td>\$000's</td> <td>\$000's</td> <td>\$/therm</td> <td>%</td>			Mth	\$/therm	\$000's	Mth	\$/therm	\$000's	\$000's	\$/therm	%
2         2         2480,989         50,3511         51,317,07         50,317,00         50,9         50,0000         0.0%           6         Commercial k flustrial         7         80,012         90,013         500,0000         0.0%           6         SempaWide Adjustment         117,231         50,002         117,231         50,0084         510,678         500         500         0.0000         0.0%           7         NCV-PorsempraWide Adjustment         117,231         50,0084         510,678         500         500         0.0000         0.0%           7         NCV-PortsempraWide         112,01         50,0833         5101         500         50,0000         0.0%           10         Gas.A_C         1,210         50,0833         5101         51,30000         0.0%           10         Toal Noncor Call         1,808         50,1047         51,882         50,0000         0.0%           10         Toansing Level Service (2)         92,467         50,7148         57,276         92,467         50,0748         581,297         51,520         50,0000         0.0%           10         Toansing Level Service (2)         14,401,45         50,3574         51,300         57,76         50			Α	В	С	D	E	F	G	Н	Ι
3         Conversidal & Industrial         970,519         90.31532         930,021         90,0100         90.01000         90.0000         90.0000         90.0000           5         Norwardal & Industrial         117,231         90.0010         910,025         (823)         1172,231         90.0010         910,025         (823)         1172,31         90.0025         (823)         1172,31         90.0083         \$10,426         \$10,400         \$10,827         \$10,400         \$10,827         \$10,800         \$10,407         \$10,800         \$10,407         \$10,800         \$10,407         \$10,800         \$10,408         \$50,0740         \$11,801         \$10,800         \$10,400         \$11,801         \$10,403         \$10,803         \$10,403         \$10,800         \$10,400         \$10,800         \$10,000         \$10,500         \$10,500         \$10,500         \$10,500         \$10,500         \$10,500         \$10,500         \$10,500         \$10,500         \$10,500         \$10,500 <td>1</td> <td>CORE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	1	CORE									
Increment         Increment <t< td=""><td>2</td><td>Residential</td><td>2,483,989</td><td>\$0.53611</td><td>\$1,331,703</td><td>2,483,989</td><td>\$0.53611</td><td>\$1,331,703</td><td>\$0</td><td>\$0.00000</td><td>0.0%</td></t<>	2	Residential	2,483,989	\$0.53611	\$1,331,703	2,483,989	\$0.53611	\$1,331,703	\$0	\$0.00000	0.0%
5         NCV-ProSempraWide Adjustment         117,231         \$0.09109         \$110,731         \$0.09109         \$110,731         \$0.0025         \$12,32         \$0.00894         \$10,420         \$10,420         \$0.0000         0.05           NCV-PostSempraWide Adjustment         117,231         \$0.00894         \$10,420         \$10,420         \$10,420         \$10,420         \$0.0000         0.05           Cas A/C         12,00         \$0.8853         \$10,11         \$1,800         \$0.1007         \$1,820         \$0.0000         0.05           Cas A/C         18,080         \$0.1007         \$1,822         \$1,800         \$0.10070         \$1,822         \$1,801         \$0.00000         0.05           Cas A/C         10,000         \$1,823         \$0.01007         \$1,822         \$1,801         \$0.01000         0.05           Cas A/C         10,000         \$1,823         \$0.0100         \$1,823         \$0.0100         \$1,823         \$1,823         \$0.0000         0.05           Tamamission level Service         92,465         \$0.07408         \$72,776         \$92,465         \$0.07408         \$1,823         \$42,907         \$0         \$0.0000         0.05           Tamamission level Service         1,441,168         \$0.0557         \$	3	Commercial & Industrial	970,519	\$0.31532	\$306,021	970,519	\$0.31532	\$306,021	\$0	\$0.00000	0.0%
SempaWike Adjustment         117,231         (80.00215)         (17231         (80.00215)         (17231         (80.00215)         (17231         (80.00215)         (17231         (80.00215)         (81.0215)	4										
NOV- Post SempraWide         117,231         \$0.0894         \$10,426         \$10,426         \$0         \$0.0000         0.0%           Gas A/C         1,210         \$0.0833         \$101         1,210         \$0.0833         \$101         \$0         \$0,0000         0.0%           Gas Engine         1,508         \$0.1007         \$1,822         \$0.1007         \$1,822         \$0.0000         0.0%           10         Total Core         \$0.00007         \$0.456         \$0.1007         \$1,822         \$0.0000         0.0%           11         Total Core         \$0.00007         \$0.4251         \$1,520         \$0.0000         0.0%           12         Transmission Level Service (2)         \$47,697         \$0.0217         \$11,520         \$0         \$0.0000         0.0%           16         Total Noncore Ck1         T.440,163         \$0.0253         \$84,297         1,440,163         \$0.02637         \$13,006         \$0.00000         0.0%           17         Pre-Sempra Wide         \$33,995         \$0.03267         \$13,006         \$33,995         \$0.02677         \$0.02517         \$0.02677         \$0.02677         \$0.02517         \$0.00000         0.0%           17         Total Netreent         \$33,995         <	5	NGV - Pre SempraWide	117,231	\$0.09109	\$10,678	117,231	\$0.09109	\$10,678	\$0	\$0.00000	0.0%
8         6         6         7         6         7         7         8         7         8           10         Gas Engine         12.10         \$0.08353         \$11.10         \$0.08353         \$11.00         \$1.882         \$9.0000         0.0%           10         Gas Engine         3.971.00         \$0.4952         \$1.800         \$0.1007         \$1.882         \$9.00000         0.0%           10         Gas Comment of the		1 /	117,231		(\$252)	117,231	(\$0.00215)	(\$252)			0.0%
9         Cas A/C         12/10         80.833         5101         50         50.0000         0.0%           18         50.10407         51.882         15.80         50.10407         51.882         15.80         50.0000         0.0%           18         50.10407         51.822         51.650.133         3291.030         50.4929         51.650.133         50         50.0000         0.0%           10         Distribution Level Service         982.465         50.07408         572.776         90.2517         511.50         50         50.0000         0.0%           10         Distribution Level Service         982.465         50.07408         572.776         90.2517         511.50         50         50.0000         0.0%           10         Distribution Level Service         92.02517         51.0257         50.02574         511.50         50         50.0000         0.0%           10         Distribution Level Service         353.995         50.03574         513.005         50.0000         50%         50.0000         0.0%           10         Distribution Level Service (2)         235.995         50.03574         51.305         50.00207         57.961         50         50.00000         0.0%	7	NGV - Post SempraWide	117,231	\$0.08894	\$10,426	117,231	\$0.08894	\$10,426	\$0	\$0.00000	0.0%
10         Gas haging         16,080         \$0,14097         \$1,880         \$0,1407         \$1,880         \$0,1407         \$1,880         \$0,1407         \$1,880         \$0,1407         \$1,880         \$0,1407         \$1,880         \$0,1407         \$1,800         \$0,0000         0.0%           11         Tatal Core         3.991,030         \$0,3991,030         \$0,3991,030         \$0,301,000         \$0,301,000         \$0,301,000         \$0,301,000         \$0,301,000         \$0,301,000         \$0,301,000         \$0,301,000         \$0,391,000         \$0,391,000         \$0,391,000         \$0,391,000         \$0,391,0											
Interaction         3.591,030         \$0.45952         \$1,650,133         \$3.9         \$0.00000         0.0%           Interaction         3.591,030         \$0.45952         \$1,650,133         \$3.9         \$0.00000         0.0%           Interaction         Stribution Level Service         982,465         \$0.07408         \$72,776         \$0         \$0.00000         0.0%           Interaction         Interaction         457,667         \$0.02517         \$11,520         457,697         \$0.02517         \$11,520         \$0         \$0.00000         0.0%           Interaction         Interaction         11440,163         \$0.05853         \$84,297         \$11,520         \$0         \$0.00000         0.0%           Interaction         Interaction         Interaction         \$13,095         \$0.03874         \$13,006         \$0         \$0.00000         0.0%           Interaction         Interaction         Interaction         \$13,095         \$0.03874         \$13,016         \$0         \$0.00000         0.0%           Interaction         Interaction         \$13,095         \$0.03874         \$13,015         \$0.02877         \$0.02517         \$2,246         \$0         \$0.00000         0.0%           Interaction         Interaction	9	Gas A/C		\$0.08353							
11         NOCORE COMMERCIAL & INDUSTRIAL         982,465         \$0.07408         \$72,776         \$0         \$0.00000         0.0%           15         Transmission Level Service (2)         457,697         \$0.02517         \$11,520         457,697         \$0.02517         \$11,520         \$0         \$0.00000         0.0%           16         Total Noncore C&I         1440,163         \$0.05833         \$84,297         \$0         \$0         \$0.00000         0.0%           17         Noncore CEI         1440,163         \$0.05833         \$84,297         \$0         \$0         \$0.00000         0.0%           18         Transmission Level Service         1440,163         \$0.05873         \$81,3006         \$0.05873         \$81,3006         \$00         \$0         \$0.0000         0.0%           20         Pre Sempra Wide Adjustment         353,995         \$0.00200         \$709         353,995         \$0.00287         \$513,016         \$0         \$0.00000         0.0%           21         Transmission Level Prote (2)         247,269         \$0.02517         \$24,24         \$47,249         \$0.02547         \$52,445         \$0.03874         \$13,715         \$0         \$0.00000         0.0%           21         Totatal Electric Ceneration											
NONCORE COMMERCIAL & INDUSTRIAL         P82,465         S0.07408         ST2,76         982,465         S0.07408         ST2,76         S0         S0.0000         0.0%           10         Distribution Level Service (2)         457,697         \$0.02517         \$11,520         \$0         \$0.00000         0.0%           16         Total Noncore C&I         1.440,163         \$0.0583         \$84,297         1.440,163         \$0.05853         \$84,297         \$0         \$0.00000         0.0%           17         Distribution Level Service (2)         1.440,163         \$0.05853         \$84,297         1.440,163         \$0.05873         \$0.02517         \$13,066         \$0         \$0.00000         0.0%           10         Distribution Level Service (2)         33,995         \$0.03674         \$13,006         353,995         \$0.0374         \$13,016         \$0         \$0.00000         0.0%           2         Distribution Level Destrice (2)         2.472,969         \$0.02517         \$62,246         \$472,969         \$0.02687         \$75,961         \$28         \$0.00000         0.0%           2         Total Electric Ceneration         2.267,127         \$0.03756         \$10.02687         \$75,961         \$28,47         \$0.02517         \$24,246         \$0	11	Total Core	3,591,030	\$0.45952	\$1,650,133	3,591,030	\$0.45952	\$1,650,133	\$0	\$0.00000	0.0%
14         Distribution Level Service         982,465         \$0.07408         \$72,776         \$90         \$0.00000         0.0%           15         Transmission Level Service (2)         1457,697         \$0.02517         \$11,520         457,697         \$0.02517         \$11,520         457,697         \$0.02517         \$11,520         \$0         \$0.00000         0.0%           17         Transmission Level Service (2)         1,440,163         \$0.03883         \$84,297         \$0         \$0.0000         0.0%           19         Distribution Level Service         353,995         \$0.03674         \$13,006         \$33,395         \$0.00200         \$709         \$0         \$0.00000         0.0%           20         Prot Sempra Wide         353,995         \$0.03674         \$13,006         \$33,395         \$0.00200         \$709         \$0         \$0.00000         0.0%           21         Distribution Level Post Sempra Wide         353,995         \$0.0287         \$513,715         \$0         \$0.00000         0.0%           23         Transmission Level Service (2)         2,427,429         \$0.0287         \$75,961         \$0         \$0.00000         0.0%           24         Total Electric Generation         2,285,964         \$0.0287         \$75,96											
15         Transmission Level Service (2)         47,697         \$0.02517         \$11,520         \$47,697         \$0.02517         \$11,520         \$0         \$0.00000         0.0%           16         Total Noncore Ck1         1,440,163         \$0.05833         \$84,297         1,440,163         \$0.05853         \$84,297         \$0         \$0.00000         0.0%           16         NONCORE ELECTRIC GENERATION         50.0587         \$13,006         \$33,995         \$0.03674         \$13,006         \$30         \$0.00000         0.0%           20         Sempra Wide Adjustment         353,995         \$0.03674         \$13,005         \$0.03874         \$13,715         \$0         \$0.00000         0.0%           21         Tarasmission Level Service (2)         2,472,969         \$0.02517         \$62,246         \$0.02517         \$62,246         \$0.02517         \$62,246         \$0.0000         0.0%           23         Tarasmission Level Service (2)         2,472,969         \$0.02517         \$60,257         \$2,69         \$0.02517         \$62,246         \$0.02517         \$62,246         \$0.02517         \$5,801         \$60         \$0.0000         0.0%           240         Tarasmission Level Service (2)         2,472,969         \$0.02517         \$5,2246         <	13	NONCORE COMMERCIAL & INDUSTRIAL									
International Control Contrecont Control Control Control Control Control Contre		Distribution Level Service				-					
17         NONCORE ELECTRIC GENERATION         133,995         \$0.03674         \$13,006         \$35,995         \$0.03674         \$13,006         \$50         \$0.00000         0.0%           20         Pre Sempra Wide Aljustment         333,995         \$0.03874         \$13,006         \$50         \$50         \$50         \$0.00000         0.0%           21         Sempra Wide Aljustment         333,995         \$0.03874         \$13,715         \$50         \$50.00000         0.0%           2472,969         \$0.02217         \$62,246         \$2472,969         \$0.02287         \$75,961         \$2485,964         \$0.02807         \$75,961         \$0         \$0.00000         0.0%           2472,969         \$0.02517         \$62,246         \$242,5694         \$0.0287         \$75,961         \$0.00000         0.0%           707AL RETAIL NONCORE         4,267,127         \$0.03756         \$160,257         \$2,947         \$17,093         \$0.00217         \$52,947         \$0         \$0.00000         0.0%           707AL RETAIL NONCORE         4,267,127         \$0.03756         \$160,257         \$2,947         \$17,093         \$0.00217         \$2,947         \$0         \$0.00000         0.0%           707AL RETAIL NONCORE         4,267,127         \$0.02517 </td <td></td>											
18         NONCORE ELECTRIC GENERATION         14         NONCORE ELECTRIC GENERATION         15           10         Distribution Level Service         353,995         \$0,03674         \$13,006         \$50         \$0,0000         0.0%           21         Sempra Wide Adjustment         353,995         \$0,00200         \$7.09         353,995         \$0,03074         \$13,715         \$50         \$0,0000         0.0%           22         Sempra Wide Adjustment         353,995         \$0,0201         \$50,3874         \$13,715         \$50         \$0,0000         0.0%           23         Transmission Level Service (2)         247,2969         \$0,02517         \$62,246         \$50         \$0,00000         0.0%           24         Total Electric Generation         228,594         \$0,02517         \$2,8594         \$0,02517         \$2,967         \$0         \$0,00000         0.0%           25         Total LECATIC MANDAC         4,267,127         \$0,03756         \$160,257         \$0         \$0,00000         0.0%           26         HHOLESALE & INTERNATIONAL         117,093         \$0,02517         \$2,947         117,093         \$0,02517         \$2,947         \$0         \$0,00000         0.0%           205 OE Wholesale Le (1) Electric Generation (2) </td <td>16</td> <td>Total Noncore C&amp;I</td> <td>1,440,163</td> <td>\$0.05853</td> <td>\$84,297</td> <td>1,440,163</td> <td>\$0.05853</td> <td>\$84,297</td> <td>\$0</td> <td>\$0.00000</td> <td>0.0%</td>	16	Total Noncore C&I	1,440,163	\$0.05853	\$84,297	1,440,163	\$0.05853	\$84,297	\$0	\$0.00000	0.0%
19         Distribution Level Service         353,995         \$0.03674         \$13,006         \$353,995         \$0.00200         \$50,995         \$0.00200         \$709         \$50         \$0.00000         0.0%           22         Sempra Wide Ajustment         353,995         \$0.03874         \$13,715         \$33,3995         \$0.03874         \$13,715         \$0         \$0.00000         0.0%           23         Transmission Level Service (2)         2472,969         \$0.02876         \$50,995         \$0.03874         \$13,715         \$0         \$0.00000         0.0%           24         Total Excitic Generation         2426,964         \$0.0287         \$282,694         \$0.02876         \$75,561         \$0         \$0.00000         0.0%           26         TOTAL RETAIL NONCORE         4,267,127         \$0.03756         \$160,257         \$2,867,44         \$0.02877         \$17,093         \$10,02517         \$10,02517         \$10,0257         \$100,0257         \$0         \$0.00000         0.0%           27         Wholesale Long Beach (2)         117,093         \$0.02517         \$2,947         \$10,035         \$0.02517         \$2,923         \$0         \$0.00000         0.0%           28         Kholesale Vernon (2)         \$1,737         \$0.02517											
20         Pre Sempra Wide         353,995         \$0.03674         \$13.006         \$13,006         \$10         \$00000         0.0%           21         Sempra Wide Adjustment         353,995         \$0.00200         \$709         \$33,995         \$0.00200         \$709         \$20         \$0.00000         0.0%           23         Distribution Level Post Sempra Wide         \$35,995         \$0.03874         \$13.106         \$20         \$0.00000         0.0%           2472,969         \$0.02517         \$62.246         \$20.2687         \$75,961         \$20         \$0.00000         0.0%           2472,969         \$0.02567         \$75,961         \$20.2587         \$50         \$0.00000         0.0%           2472,969         \$0.02567         \$75,961         \$20.257         \$50         \$0.00000         0.0%           2472,969         \$0.02567         \$5160.257         \$50         \$0.0000         0.0%         \$0.0000         0.0%           27         WHOLESALE & INTERNATIONAL         4.267,127         \$0.03517         \$2,947         \$117,093         \$0.02517         \$2,947         \$0.0517         \$2,947         \$0.0517         \$2,947         \$0.0517         \$2,947         \$0.0517         \$2,957         \$0         \$0.0000 <td></td>											
21         Sempra Wide Adjustment         353,995         \$0,00200         \$709         \$30         \$709         \$0         \$0,00000         0.0%           22         Distribution Level Post Sempra Wide         353,995         \$0,03874         \$13,715         \$00         \$0,00000         0.0%           24         Transmission Level Service (2)         2,472,969         \$0,02517         \$5,62,246         \$4,02,694         \$0,02687         \$75,961         \$0         \$0,00000         0.0%           24         Total Electric Generation         2,826,964         \$0,02577         \$5,0275         \$10,0257         \$10,0257         \$0,03756         \$10,0257         \$4,267,127         \$0,03756         \$10,0257         \$2,947         \$0         \$0,0000         0.0%           27         WHOLESALE & INTERNATIONAL											
22         Distribution Level Post Sempra Wide         353,995         \$0.03874         \$13,715         \$30         \$00,0000         0.0%           23         Transmission Level Service (2)         2,472,969         \$0.02517         \$62,246         2,472,969         \$0.02517         \$62,246         \$0,02507         \$62,246         \$0         \$0,0000         0.0%           28         Z285,964         \$0.02687         \$75,961         2,826,964         \$0.02687         \$57,961         \$0         \$0,0000         0.0%           28         Z26,964         \$0.02687         \$75,961         2,826,964         \$0.02687         \$57,961         \$0         \$0,0000         0.0%           28         VHOLESALE & INTERNATIONAL         4,267,127         \$0.03756         \$160,257         \$2,947         \$0         \$0,0000         0.0%           29         Wholesale Long Beach (2)         117,093         \$0,02517         \$2,947         \$0         \$0,00000         0.0%           30         SDGE Wholesale         1,230,285         \$0,00769         \$9,464         1,230,285         \$0,00000         0.0%           31         International (2)         1,230,285         \$0,02517         \$2,923         \$0         \$0,00000         0.0% <tr< td=""><td>20</td><td>Pre Sempra Wide</td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td></tr<>	20	Pre Sempra Wide				-					
23         Tansmission Level Service (2)         2,472,969         \$0.02517         \$62,246         \$0.02517         \$62,246         \$0.0287         \$75,961         \$242         \$0.02887         \$75,961         \$242         \$0.02887         \$75,961         \$242         \$0.02887         \$75,961         \$257,961         \$27,961         \$20,0000         \$0.00000         \$0.0000         \$0.00		. ,									
24         Total Electric Generation         2,826,964         \$0.02687         \$75,961         \$0         \$0.00000         0.0%           25         TOTAL RETAIL NONCORE         4,267,127         \$0.03756         \$160,257         \$0.03756         \$160,257         \$0         \$0.00000         0.0%           28         WHOLESALE & INTERNATIONAL         4,267,127         \$0.03756         \$160,257         \$2,947         \$17,093         \$0.02517         \$2,947         \$0         \$0.00000         0.0%           29         Wholesale Long Beach (2)         117,093         \$0.02517         \$2,947         \$17,093         \$0.02517         \$2,947         \$0         \$0.00000         0.0%           31         Wholesale Long Beach (2)         117,093         \$0.02517         \$2,923         \$0.02517         \$2,923         \$0.02517         \$2,923         \$0         \$0.00000         0.0%           31         Wholesale Vernon (2)         116,135         \$0.02517         \$2,923         \$16,135         \$0.02517         \$2,923         \$0         \$0.00000         0.0%           33         International (2)         15,99,240         \$0.0172         \$18,750         \$1,599,240         \$0.0172         \$18,750         \$0         \$0.00000         0.0% <td></td>											
25         INTAL RETAIL NONCORE         4,267,127         \$0.03756         \$160,257         \$0.03756         \$160,257         \$0         \$0.0000         0.0%           7         WHOLESALE & INTERNATIONAL         117,093         \$0.02517         \$2,947         117,093         \$0.02517         \$2,947         \$0         \$0.0000         0.0%           9         Wholesale Long Beach (2)         117,093         \$0.02517         \$2,947         \$0.02517         \$2,947         \$0         \$0.00000         0.0%           30         SDGE Wholesale         1,230,285         \$0.00750         \$9,464         \$2,957         \$0         \$0.00000         0.0%           31         Wholesale SWG (2)         81,737         \$0.02517         \$2,923         \$16,135         \$0.02517         \$2,923         \$0         \$0.00000         0.0%           33         International (2)         116,135         \$0.02517         \$1,359         \$0.02517         \$1,359         \$0         \$0.00000         0.0%           34         Total Wholesale & International & SDGE         1,599,240         \$0.01172         \$18,750         \$0         \$0.00000         0.0%           35         International (2)         15,99,240         \$0.01172         \$18,750         \$0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.</td> <td></td> <td></td>									1.		
26         TOTAL RETAIL NONCORE         4,267,127         \$0.03756         \$160,257         \$100,257         \$00         \$0.00000         0.0%           77         WHOLESALE & INTERNATIONAL         WHOLESALE & INTERNATIONAL         50.02517         \$2,947         117,093         \$0.02517         \$2,947         117,093         \$0.02517         \$2,947         \$0         \$2,00769         \$2,947         \$0.02517         \$2,947         \$0         \$2,00769         \$9,464         \$0         \$0.00000         0.0%           30         SDGE Wholesale Cong Beach (2)         117,093         \$0.02517         \$2,947         \$117,093         \$0.02517         \$2,947         \$0.02517         \$2,947         \$0         \$0.00769         \$9,464         \$2,097         \$0         \$0.00000         0.0%           31         Wholesale SWG (2)         \$1,737         \$0.02517         \$1,359         \$3,900         \$0.02517         \$1,359         \$0         \$0.00000         0.0%           31         International (2)         53,990         \$0.02517         \$1,359         \$3,900         \$0.00172         \$18,750         \$100         \$0.00000         0.0%           34         Total Wholesale & International & SDGE         1,599,240         \$0.0172         \$18,750         \$1,5		Total Electric Generation	2,826,964	\$0.02687	\$75,961	2,826,964	\$0.02687	\$75,961	\$0	\$0.00000	0.0%
27         28         WHOLESALE & INTERNATIONAL         21         29         WHOLESALE & INTERNATIONAL           29         Wholesale Long Beach (2)         117,093         \$0.02517         \$2,947         117,093         \$0.0000         0.0%           30         SDGE Wholesale         1,230,285         \$0.00769         \$9,464         1,230,285         \$0.00769         \$9,464         \$0         \$0.00000         0.0%           30         SDGE Wholesale SWG (2)         81,737         \$0.02517         \$2,057         \$1,737         \$0.02517         \$2,057         \$0         \$0.00000         0.0%           31         International (2)         116,135         \$0.02517         \$1,359         \$0         \$0.00000         0.0%           34         Total Wholesale & International & SDGE         1,599,240         \$0.0172         \$18,750         \$1,8750         \$0         \$0.00000         0.0%           36         International (2)         15,99,240         \$0.0172         \$18,750         \$1,8750         \$0         \$0.00000         0.0%           36         International & SDGE         5,866,366         \$0.03051         \$179,008         \$8,0         \$0.0172         \$18,750         \$0         \$0.00000         0.0%		TOT LL DET LU MONGODE	10/5105	50 0 <b>055</b> (	01 (0 <b>055</b>		aa a <b>am</b> a (	C4 ( 0 055		<b>50 00000</b>	0.00%
28         WHOLESALE & INTERNATIONAL         V </td <td></td> <td>IOTAL RETAIL NONCORE</td> <td>4,267,127</td> <td>\$0.03756</td> <td>\$160,257</td> <td>4,267,127</td> <td>\$0.03756</td> <td>\$160,257</td> <td>\$0</td> <td>\$0.00000</td> <td>0.0%</td>		IOTAL RETAIL NONCORE	4,267,127	\$0.03756	\$160,257	4,267,127	\$0.03756	\$160,257	\$0	\$0.00000	0.0%
29       Wholesale Long Beach (2)       117,093       \$0,02517       \$2,947       117,093       \$0,02517       \$2,947       \$0       \$0,0000       0.0%         30       SDGE Wholesale       1,230,285       \$0,00769       \$9,464       1,230,285       \$0,00769       \$9,464       \$0       \$0,0000       0.0%         31       Wholesale SWG (2)       81,737       \$0,02517       \$2,057       81,737       \$0,02517       \$2,057       \$0       \$0,0000       0.0%         32       Wholesale Vernon (2)       116,135       \$0,02517       \$2,093       \$16,135       \$0,02517       \$1,359       \$0       \$0,0000       0.0%         34       Iternational (2)       53,990       \$0,0172       \$18,750       \$0       \$0,0000       0.0%         35       Total Wholesale & International & SDGE       5,866,36       \$179,008       \$5,866,36       \$0,0351       \$179,008       \$18,750       \$1,99,00       \$0,0000       0.0%         36       Unbundled Storage       5,866,36       \$0,0351       \$179,008       \$179,008       \$179,008       \$199,000       \$0,0000       0.0%         37       Indu Age Storage       9,457,396       \$0,0361       \$179,08       \$19,621       \$1,855,611       \$0 <td></td>											
30       SDCE Wholesale Work       1,230,285       \$0,00769       \$9,464       1,230,285       \$0,00769       \$9,464       \$0       \$0,0000       0.0%         31       Wholesale SWG (2)       81,737       \$0.02517       \$2,057       81,737       \$0.02517       \$2,057       \$0       \$0,0000       0.0%         32       Wholesale Vernon (2)       116,155       \$0.02517       \$2,923       116,155       \$0.02517       \$2,923       \$0       \$0,0000       0.0%         33       International (2)       53,990       \$0.02517       \$1,359       53,990       \$0.02517       \$1,359       \$0       \$0,0000       0.0%         34       Total Wholesale & International & SDGE       1,599,240       \$0.0172       \$18,750       \$0       \$0,0000       0.0%         35       International (2)       1,599,240       \$0.0172       \$18,750       \$0       \$0,0000       0.0%         36       IOTAL NONCORE       5,866,366       \$0.03051       \$179,008       \$8,66,366       \$0.03051       \$179,008       \$0       \$0,0000       0.0%         37       Unbundled Storage       9,457,396       \$0,19621       \$1,855,611       9,457,396       \$0,19621       \$1,855,611       \$0       \$0,00000			115.000	#0.0 <b>0515</b>	68.04 <b>5</b>	445.000	#0.0 <b>054</b> 5	68.04 <b>5</b>	<b>*</b> 2	***	0.00%
31       Wholesale SWG (2)       81,737       \$0.02517       \$2,057       81,737       \$0.02517       \$2,057       \$2,0257		0 ()	,			,		1.7			
32       Wholesale Verron (2)       116,135       \$0.02517       \$2,923       116,135       \$0.02517       \$2,923       \$0       \$0.0000       0.0%         33       International (2)       53,990       \$0.02517       \$1,359       \$0       \$0.0000       0.0%         34       Total Wholesale & International & SDGE       1,599,240       \$0.0172       \$18,750       1,599,240       \$0.0172       \$18,750       \$1,359       \$0       \$0.0000       0.0%         36       TOTAL NONCORE       5,866,366       \$0.03051       \$179,008       \$5,866,366       \$0.03051       \$179,008       \$0       \$0.0000       0.0%         37       Unbundled Storage       5,866,366       \$0.03051       \$179,008       \$2,6470       \$0       \$0       \$0.0000       0.0%         40       Total (excluding FAR)       9,457,396       \$0.19621       \$1,855,611       9,457,396       \$0.19621       \$1,855,611       \$0       \$0.0000       0.0%         41       Firm Access Rights FAR \$/dth/day (3)       2,866       \$0.03802       \$39,773       \$2,866       \$0.03802       \$39,773       \$0       \$0.00000       0.0%         42       Firm Access Rights FAR \$/dth/day (3)       2,866       \$0.03802       \$39,773 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
33       International (2)       53,990       \$0.02517       \$1,359       \$3,990       \$0.02517       \$1,359       \$3,990       \$0.02517       \$1,359       \$3,990       \$0.02517       \$1,359       \$3,990       \$0.02517       \$1,359       \$0       \$0.0000       0.0%         34       Total Wholesale & International & SDGE       1,599,240       \$0.01172       \$18,750       1,599,240       \$0.01172       \$18,750       \$0       \$0.0000       0.0%         35       TOTAL NONCORE       5,866,366       \$0.03051       \$179,008       \$5,866,366       \$0.03051       \$179,008       \$0       \$0.0000       0.0%         36       Unbundled Storage       5,866,366       \$0.03051       \$179,008       \$5,866,366       \$0.03051       \$179,008       \$0       \$0.0000       0.0%         37       Unbundled Storage       \$5,866,366       \$0.03051       \$179,008       \$0.19621       \$1,855,611       \$0       \$0       \$0.0000       0.0%         39       Total (excluding FAR)       9,457,396       \$0.19621       \$1,855,611       \$0       \$0.03002       \$39,773       \$0       \$0.00000       0.0%         41       Firm Access Rights FAR \$/dth/day (3)       2,866       \$0.03802       \$39,773       \$0						-					
34       Total Wholesale & International & SDGE       1,599,240       \$0.01172       \$18,750       \$0       \$0.0000       0.0%         35       TOTAL NONCORE       5,866,366       \$0.03051       \$179,008       5,866,366       \$0.03051       \$179,008       \$0.0000       0.0%         36       TOTAL NONCORE       5,866,366       \$0.03051       \$179,008       5,866,366       \$0.03051       \$179,008       \$0       \$0.0000       0.0%         37       Unbundled Storage       \$26,470       \$26,470       \$0       \$0       \$0.0000       0.0%         39       Total (excluding FAR)       9,457,396       \$0.19621       \$1,855,611       \$0,457,396       \$0.19621       \$1,855,611       \$0       \$0.00000       0.0%         40       Total (excluding FAR)       9,457,396       \$0.19621       \$1,855,611       \$0       \$0.00000       0.0%         41       Firm Access Rights FAR \$/dth/day (3)       2,866       \$0.03802       \$39,773       2,866       \$0.03802       \$39,773       \$0       \$0.00000       0.0%         42       Firm Access Rights FAR \$/dth/day (3)       2,866       \$0.03802       \$39,773       \$2,866       \$0.03802       \$39,773       \$0       \$0.00000       0.0%						-					
35       101       10											
36       TOTAL NONCORE       5,866,366       \$0.03051       \$179,008       \$179,008       \$179,008       \$179,008       \$179,008       \$179,008       \$179,008       \$179,008       \$179,008       \$179,008       \$179,008       \$100,000       \$0.0000 <t< td=""><td></td><td>Total Wholesale &amp; International &amp; SDGE</td><td>1,599,240</td><td>\$0.01172</td><td>\$18,750</td><td>1,599,240</td><td>\$0.01172</td><td>\$18,750</td><td>\$0</td><td>\$0.00000</td><td>0.0%</td></t<>		Total Wholesale & International & SDGE	1,599,240	\$0.01172	\$18,750	1,599,240	\$0.01172	\$18,750	\$0	\$0.00000	0.0%
Image: Normal State         Normal		TOTAL NONCORE	E 8// 2//	E0 020E1	@170.000	E 8(( ))((	E0 020E1	£170.000	E0.	E0 00000	0.0%
38         Unbundled Storage         526,470         50         50           39         Total (excluding FAR)         9,457,396         9,01961         9,457,396         9,01961         5,185,56,11         9,00000         0,0000		IOTAL NONCORE	5,666,566	\$0.03051	\$179,008	5,800,300	\$0.03051	\$179,008	<b>\$</b> U	\$0.00000	0.0%
39     30     31       40     Total (excluding FAR)     9,457,396     \$0.19621     \$1,855,611     9,457,396     \$0.19621     \$1,855,611     \$0     \$0,0000     0.0%       41     1		U.1. 11.10			#D/ 170			#D/ 170	¢0		
40     50.0000     <		Unbundled Storage			\$26,470			\$26,470	<b>\$</b> U		
41       42       Firm Access Rights FAR \$/dth/day (3)       2,866       \$0.03802       \$39,773       2,866       \$0.03802       \$39,773       \$0       \$0.0000       0.0%         43       SYSTEM TOTALw/SI,FAR,TLS,SW       9,457,396       \$0.20041       \$1,895,384       9,457,396       \$0.20041       \$1,895,384       \$0       \$0.00000       0.0%         44       45       EOR Revenues       156,187       \$0.03220       \$5,029       156,187       \$0.03220       \$5,029       \$0       \$0.00000       0.0%			0.455.007	¢0.10( <b>0</b> 1	¢1.055.(11	0.455.004	¢0.10/01	¢1.055.411	¢0	£0.00000	0.0%
42       Firm Access Rights FAR \$/dth/day (3)       2,866       \$0.03802       \$39,773       2,866       \$0.03802       \$39,773       \$0       \$0.0000       0.0%         43       SYSTEM TOTALw/SLFAR,TLS,SW       9,457,396       \$0.20041       \$1,895,384       \$0.20041       \$1,895,384       \$0       \$0.0000       0.0%         44       For Revenues       156,187       \$0.03220       \$5,029       156,187       \$0.03220       \$5,029       \$0.00000       0.0%		Total (excluding FAR)	9,457,396	\$0.19621	\$1,855,611	9,457,396	\$0.19621	\$1,855,611	\$0	\$0.00000	0.0%
43     SYSTEM TOTALw/SLFAR,TLS,SW     9,457,396     \$0.20041     \$1,895,384     \$0     \$0.0000     0.0%       44     44       45     EOR Revenues     156,187     \$0.03220     \$5,029     156,187     \$0.03220     \$5,029     \$0     \$0.0000     0.0%			0.077	#0.0200C	¢20 772	2.044	¢0.02000	¢20 772	¢0	\$0.0000C	0.0%
44         5000000000000000000000000000000000000						-					
45 EOR Revenues 156,187 \$0.03220 \$5,029 156,187 \$0.03220 \$5,029 \$0 \$0.0000 0.0%		SYSTEM TOTALw/SI,FAR,TLS,SW	9,457,396	\$0.20041	\$1,895,384	9,457,396	\$0.20041	\$1,895,384	\$0	\$0.00000	0.0%
46 Total Throughput w/EOR Mth/yr 9,613,583 9,613,583				\$0.03220	\$5,029		\$0.03220	\$5,029	\$0	\$0.00000	0.0%
	46	Total Throughput w/EOR Mth/yr	9,613,583			9,613,583					

1) These rates are for Natural Gas Transportation Service from "Citygate to Meter". The FAR rate is for service from Receipt Point to Citygate. 2) These Transmission Level Service "TLS" amounts represent the average transmission rate.
 3) FAR charge is as a separate rate. Core will pay through procurement rate, noncore as a separate charge.

Whole Sale & International (excl SDGE)	368,955	\$0.02517	\$9,287	368,955	\$0.02517	\$9,287	\$0	\$0.00000	0.0%

SoCalGas Core Cost Allocation

WITNESS Gary Lenart

COST COMPONENTS \$000's	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Base Margin Costs:	A007 000	M77 405	<b>6</b> 4 <b>5</b>	<b>MOD 1</b>	<b>#0 77</b> 0	#000 10T
Customer Related Costs	\$607,933	\$77,465	\$45	\$894 \$200	\$2,770	\$689,107
Medium Pressure Distribution Costs	\$457,891	\$97,330	\$6	\$292	\$484	\$556,004
High Pressure Distribution Costs	\$96,311	\$26,234	\$17	\$188	\$1,567	\$124,317
Backbone Transmission Costs	\$24,090	\$9,003	\$11	\$160	\$1,037	\$34,301
Local Transmission Costs	\$34,221	\$9,401	\$6	\$70	\$811	\$44,509
Storage - Seasonal	\$39,744	\$6,828	\$0	\$10	\$17	\$46,600
Storage - Load Balancing	\$2,467	\$964	\$1	\$18	\$116	\$3,567
Storage - TBS	\$0	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$26,959	\$18,346	\$0	\$9	\$918	\$46,232
Uncollectibles	\$4,126	\$748	\$0	\$4	\$20	\$4,898
NGV compression adder	\$0	\$0	\$0	\$0	\$1,380	\$1,380
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$1,293,744	\$246,320	\$86	\$1,646	\$9,120	\$1,550,91
Less Backbone Transmission Costs	(\$24,090)	(\$9,003)	(\$11)	(\$160)	(\$1,037)	(\$34,301)
Less Local Transmission Costs	(\$34,221)	(\$9,401)	(\$6)	(\$70)	(\$811)	(\$44,509)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$15,475	\$5,783	\$7	\$103	\$666	\$22,034
Plus Local Transmission Costs w/SI, FFU	\$42,199	\$11,593	\$7	\$86	\$1,000	\$54,885
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$1,293,106	\$245,292	\$83	\$1,605	\$8,938	\$1,549,02
Other Operating Costs and Revenues						
n/a	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$2,633	\$1,029	\$1	\$19	\$124	\$3,807
Company Use Gas: Other	\$500	\$195	\$0	\$4	\$24	\$722
Company Use Gas: Storage Load Balancing	\$424	\$166	\$0	\$3	\$20	\$613
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$6	\$2	\$0	\$0	\$0	\$9
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$19,271	\$7,530	\$9	\$140	\$910	\$27,860
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$63	\$25	\$0 \$0	\$0 \$0	\$3	\$91
Subtotal Other Operating Costs and Revenues	\$22,898	\$8,946	\$11	\$167	\$1,081	\$33,103
Transition Costs						
n/a	\$0	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts	(\$4.55)		(***)	(00)		(0454)
Affiliate Transfer Fee Account (ATFA)	(\$126)	(\$24)	(\$0)	(\$0)	(\$1)	(\$151)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	(\$351)	(\$461)	\$0	\$0	\$0	(\$813)
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$781	\$305	\$0	\$6	\$37	\$1,129
California Solar Iniative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0
Care Fixed Cost Assount (CECA)	C11 077	¢4 40C	<b><i><i>c</i></i></b> <i>c</i>	00	<b><i><b><i>(</i></b></i></b>	@10 000

California Solar Iniative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$11,277	\$4,406	\$5	\$82	\$532	\$16,303
On-Bill Financing Balancing Account (OBFBA)	\$773	\$147	\$0	\$1	\$5	\$926
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$0	\$0	\$0
California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$1,772	\$336	\$0	\$2	\$12	\$2,123
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$1,576	\$616	\$1	\$11	\$74	\$2,279
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0

SoCalGas Core Cost Allocation

WITNESS Gary Lenart

COST COMPONENTS \$000's	Res	Core C&I	NR A/C	Gas Eng	NGV	Total Core
Intervenor Award Memorandum Account (IAMA)	\$82	\$32	\$0	\$1	\$4	\$119
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$318	\$124	\$0	\$2	\$15	\$459
Noncore Fixed Cost Account (NFCA) Margin	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Fixed Cost Account (NFCA) Nonmargin	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Momorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$1,797	\$672	\$1	\$12	\$77	\$2,559
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$1,259)	(\$470)	(\$1)	(\$8)	(\$54)	(\$1,792)
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$34)	(\$13)	(\$0)	(\$0)	(\$2)	(\$49)
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$9,903)	(\$3,869)	(\$5)	(\$72)	(\$467)	(\$14,317)
Pension Balancing Account (PBA)	\$49,917	\$9,469	\$3	\$62	\$345	\$59,796
PBOP Balancing Account (PBOPBA)	(\$7,994)	(\$1,516)	(\$1)	(\$10)	(\$55)	(\$9,576)
Research Development and Demonstration Expense Account (RDDEA)	(\$1,551)	(\$294)	(\$0)	(\$2)	(\$11)	(\$1,858)
Research Royalty Memorandum Account (RRMA)	(\$1,079)	(\$205)	(\$0)	(\$1)	(\$7)	(\$1,292)
Self-Generation Program Memorandum Account (SGPMA)	\$2,137	\$835	\$1	\$16	\$101	\$3,090
Rewards & Penalties Balancing Account (RPBA)	\$7,550	\$1,432	\$0	\$9	\$52	\$9,044
Total Regulatory Accounts	\$55,683	\$11,520	\$6	\$110	\$658	\$67,977
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	(\$40,217)	\$40,217	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$1,331,469	\$305,976	\$101	\$1,881	\$10,676	\$1,650,104
EOR Revenue allocated to Other Classes \$000	(\$3,823)	(\$725)	(\$0)	(\$5)	(\$26)	(\$4,579)
EOR Costs allocated to Other Classes \$000	\$4,059	\$770	\$0	\$5	\$28	\$4,862
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,331,705	\$306,021	\$101	\$1,882	\$10,678	\$1,650,386
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	\$0.53612	\$0.31532	\$0.08353	\$0.10407	\$0.09109	\$0.45959
FFU Rate	101.73%	101.73%	101.73%	101.73%	101.73%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030
Sempra Wide & TLS Adjustments::						
Transport Rev Reg w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,331,705	\$306,021	\$101	\$1,882	\$10,678	\$1,650,386
SW NGV Adjustment					(\$252)	(\$252)
SW EG Adjustment						\$0
TLC Adjustment						
TLS Adjustment Amount allocated to TLS Class \$000						\$0
TLS revenue paid by class @ average TLS rate \$000						\$0 \$0
TES revenue paid by class @ average TES rate \$000	\$0	\$0	\$0	\$0	\$0	\$0 \$0
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$1,331,705	\$306,021	\$101	\$1,882	\$10,426	\$1,650,135
Rate Tables difference	\$1,331,703 <b>\$2</b>	\$306,021 <b>\$0</b>	\$101 \$0	\$1,882 \$0	\$10,426 \$0	\$1,650,133 <b>\$2</b>
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AYTP Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030
Average Rate w/oFAR \$/th	\$0.53612	\$0.31532	\$0.08353	\$0.10407	\$0.08894	\$0.45952
Rate Tables	\$0.53611	\$0.31532	\$0.08353	\$0.10407	\$0.08894	\$0.45952
difference	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
FAR w/FFU Charge \$000	\$10,942	\$4,089	\$5	\$73	\$471	\$15,580
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$1,342,647	\$310,110	\$106	\$1,954	\$10,897	\$1,665,714
Average Rate w/ FAR \$/th	\$0.54052	\$0.31953	\$0.08755	\$0.10809	\$0.09296	\$0.46385
Rate Tables						
difference						
Effective Allocation %'s:		44.000	0.007	0.494	0.5%	07 00/
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	73.3%	14.0%	0.0%	0.1%	0.5%	87.9%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	74.6%	14.2%	0.0%	0.1%	0.5%	89.4%
	72.0%	16.5%	0.0%	0.1%	0.6%	89.2%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	71.8%	16.5%	0.0%	0.1%	0.6%	88.9%

SoCalGas Retail Noncore Cost Allocation

WITNESS Gary Lenart

	Non Core				Total Reta
COST COMPONENTS \$000's	C&I	EG Tier 1	EG Tier 2	EOR	Non Core
Base Margin Costs:					
Customer Related Costs	\$8,714	\$5,336	(\$20)	\$746	\$14,776
Medium Pressure Distribution Costs	\$21,088	\$1,231	\$911	\$36	\$23,266
High Pressure Distribution Costs	\$20,438	\$1,046	\$10,658	\$1,597	\$33,739
Backbone Transmission Costs	\$12,779	\$674	\$24,332	\$1,382	\$39,167
Local Transmission Costs	\$10,610	\$490	\$16,748	\$1,023	\$28,871
Storage - Seasonal	\$0	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$1,670	\$88	\$3,190	\$181	\$5,130
Storage - TBS	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$1,155	\$1,128	\$113	\$158	\$2,554
Jncollectibles	\$246	\$26	\$182	\$0	\$454
NGV compression adder	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$76,701	\$10,018	\$56,114	\$5,123	\$147,956
Less Backbone Transmission Costs	(\$12,779)	(\$674)	(\$24,332)	(\$1,382)	(\$39,167)
Less Local Transmission Costs	(\$10,610)	(\$490)	(\$16,748)	(\$1,023)	(\$28,871)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$8,209	\$433	\$15,630	\$872	\$25,145
Plus Local Transmission Costs w/SI, FFU	\$13,083	\$604	\$20,653	\$1,241	\$35,580
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$74,604	\$9,891	\$51,317	\$4,831	\$140,643
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$74,604	\$9,891	\$51,317	\$4,831	\$140,64
Other Operating Costs and Revenues n/a	\$0	¢0.	\$0	\$0	\$0
n/a	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
		\$0 \$81		ֆՍ \$163	• -
Co Use Transmission w/ FFU \$000	\$1,527		\$2,916		\$4,687
Company Use Gas: Other	\$290	\$15	\$553	\$31 ©7	\$889 \$755
Company Use Gas: Storage Load Balancing	\$246	\$13	\$469	\$27	\$755
n/a	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$3	\$0	\$6	\$0	\$10
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0

Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$2,721	\$144	\$5,198	\$290	\$8,353
n/a	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$37	\$2	\$70	\$0	\$108
Subtotal Other Operating Costs and Revenues	\$4,823	\$255	\$9,213	\$510	\$14,802
Transition Costs					
n/a	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts					
Affiliate Transfer Fee Account (ATFA)	(\$7)	(\$1)	(\$5)	\$0	(\$13)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$453	\$24	\$865	\$0	\$1,342
California Solar Iniative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	\$45	\$6	\$31	\$0	\$81
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$213	\$0	\$0	\$0	\$213
California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$106	\$14	\$73	\$0	\$193
n/a	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$914	\$48	\$1,745	\$0	\$2,708
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0

SoCalGas Retail Noncore Cost Allocation

COST COMPONENTS \$000's	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retail Non Core
Intervenor Award Memorandum Account (IAMA)	\$48	\$3	\$91	\$0	\$141
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$48	\$3	\$92	\$0	\$143
Noncore Fixed Cost Account (NFCA) Margin	\$2,693	\$357	\$1,853	\$0	\$4,903
Noncore Fixed Cost Account (NFCA) Nonmargin	\$501	\$26	\$956	\$0	\$1,483
Noncore Storage Momorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$953	\$50	\$1,815	\$0	\$2,819
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$668)	(\$35)	(\$1,271)	\$0	(\$1,974)
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$20)	(\$1)	(\$38)	(\$2)	(\$61)
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$5,742)	(\$304)	(\$10,967)	\$0	(\$17,013)
Pension Balancing Account (PBA)	\$2,880	\$382	\$1,981	\$0	\$5,243
PBOP Balancing Account (PBOPBA)	(\$461)	(\$61)		\$0 \$0	
			(\$317)		(\$840) (\$162)
Research Development and Demonstration Expense Account (RDDEA)	(\$89)	(\$12)	(\$62)	\$0	(\$163)
Research Royalty Memorandum Account (RRMA)	(\$62)	(\$8)	(\$43)	\$0	(\$113)
Self-Generation Program Memorandum Account (SGPMA)	\$1,239	\$66	\$2,367	\$0	\$3,672
Rewards & Penalties Balancing Account (RPBA)	\$436	\$58	\$300	\$0	\$793
Total Regulatory Accounts	\$3,479	\$614	(\$534)	(\$2)	\$3,557
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$82,906	\$10,761	\$59,996	\$5,339	\$159,002
EOR Revenue allocated to Other Classes \$000	(\$221)	(\$29)	(\$152)		(\$402)
EOR Costs allocated to Other Classes \$000	\$234	\$31	\$161	(\$5,339)	(\$4,913)
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$82,920	\$10,763	\$60,006	\$0	\$153,688
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,440,163	76,202	2,750,762		4,267,127
Average Rate w/oFAR \$/th	\$0.05758	\$0.14124	\$0.02181	\$0.00000	\$0.03602
FFU Rate	101.73%	101.73%	101.73%	100.00%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	1,440,163	76,202	2,750,762	156,187	4,423,313
<u>Sempra Wide &amp; TLS Adjustments::</u> Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment	\$82,920		\$70,768 \$709		\$153,688 \$0 \$709
TLS Adjustment					
Amount allocated to TLS Class \$000	(\$10,143)		(\$57,762)		(\$67,906)
TLS revenue paid by class @ average TLS rate \$000	\$11,520		\$62,246		\$73,766
	\$1,377		\$4,484		\$5,861
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$84,297		\$75,961		\$160,257
Rate Tables	\$84,297		\$75,961		\$160,257
difference	\$0		\$0		\$0
AYTP Mth/yr	1,440,163		2,826,964		4,267,127
Average Rate w/oFAR \$/th	\$0.05853		\$0.02687		\$0.03756
Rate Tables	\$0.05853		\$0.02687		\$0.03756
difference	\$0.00000		\$0.00000		\$0.00000
FAR w/FFU Charge \$000	\$5,804	\$306	\$11,052	\$628	\$17,790
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$90,101	\$306	\$87,012	\$628	\$178,047
Average Rate w/ FAR \$/th	\$0.06256	\$0.00402	\$0.03163		\$0.04173
Rate Tables difference					
Effective Allocation %'s:	4.007	0.69/	2.00/	0.00/	0 40/
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	4.3%	0.6%	3.2%	0.3%	8.4%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	4.3%	0.6%	3.0%	0.3%	8.1%
Trease and Day, Daw w/OL FELL FOD On w/a FAD Day, OW/ and TLO @000/va	4.5%	0.6%	3.2%	0.0%	8.3%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	4.5%	0.0%	4.1%	0.0%	8.6%

SoCalGas Wholesale Cost Allocation

WITNESS Gary Lenart

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sal
Base Margin Costs:					
Customer Related Costs	\$130	\$124	\$250	\$115	\$619
Medium Pressure Distribution Costs	\$0	\$0	\$0	\$0	\$0
High Pressure Distribution Costs	\$0	\$0	\$0	\$0	\$0
Backbone Transmission Costs	\$1,094	\$11,356	\$741	\$1,027	\$14,218
Local Transmission Costs	\$1,124	\$11,675	\$804	\$801	\$14,403
Storage - Seasonal	\$0	\$6,358	\$0	\$0	\$6,358
Storage - Load Balancing	\$136	\$1,427	\$95	\$135	\$1,792
Storage - TBS	\$0	\$0	\$0	\$0	\$0
Non-DSM Marketing Related Costs	\$315	\$315	\$315	\$315	\$1,261
Uncollectibles	\$0	\$0	\$0	\$0	\$0
NGV compression adder	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$2,798	\$31,254	\$2,205	\$2,393	\$38,651
Less Backbone Transmission Costs	(\$1,094)	(\$11,356)	(\$741)	(\$1,027)	(\$14,218
Less Local Transmission Costs	(\$1,124)	(\$11,675)	(\$804)	(\$801)	(\$14,403
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$701	\$0	\$475	\$658	\$1,834
Plus Local Transmission Costs w/SI, FFU	\$1,382	\$0	\$989	\$985	\$3,356
	\$1,002	ψũ	<i>Q</i> UUU	<i><b>4</b>000</i>	\$0,000
Fotal Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$2,664	\$8,224	\$2,124	\$2,208	\$15,220
Other Operating Costs and Revenues					
n/a	\$0	\$0	\$0	\$0	\$0
n/a	\$0 \$0	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$124	\$0	\$86	\$123	\$333
Company Use Gas: Other	\$23	\$247	\$16	\$23	\$310
Company Use Gas: Storage Load Balancing	\$20	\$210	\$14	\$20	\$264
n/a	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$0 \$0	\$3	\$0	\$0	\$4
Fuel Cell Equipment Revenues	\$0 \$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0 \$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$221	\$2,319	\$154	\$219	\$2,913
n/a		\$2,319 \$0		-	\$2,913 \$0
	\$0 \$2		\$0 \$2	\$0 \$2	
Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues	\$3 <b>\$391</b>	\$31 \$2,810	\$2 \$273	\$3 \$388	\$39 \$3,863
	4001	<i><b>4</b>2,010</i>	<i><b>4</b>210</i>	ţ	\$0,000
r <u>ransition Costs</u> n/a	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts					
Affiliate Transfer Fee Account (ATFA)	(\$0)	(\$1)	(\$0)	(\$0)	(\$1)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0
ERC Settlement Proceeds Memorandum Account (FSPMA)	\$O	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0
irm Access & Storage Rights Memorandum Account (FARSMA)	\$37	\$386	\$26	\$36	\$485
California Solar Iniative Balancing Account (CSIBA)	\$0	\$0	\$0	\$0	\$0
G-PAL Balancing Account (GPBA)	\$0	\$0	\$0	\$0	\$0
Core Fixed Cost Account (CFCA)	\$0	\$0	\$0	\$0	\$0
Dn-Bill Financing Balancing Account (OBFBA)	\$2	\$5	\$1	\$1	\$9
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$0	\$0
California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0
Inhanced Oil Recovery Account (EORA)	\$4	\$12	\$3	\$3	\$22
/a	\$0	\$0	\$0	\$0	\$0
lazardous Substance Cost-Recovery Account (HSCRA)	\$74	\$779	\$52	\$74	\$978
nazardous Substance Cost-Recovery Account (InSCRA)	474 02	¢119 ¢0	ψ02 ΦΩ	φ <u>η</u>	¢970 ¢0

Hazardous Substance Cost-Recovery Account (HSCRA) Interim Call Center Memorandum Account (ICCMA)

\$0

\$0

\$0

\$0

\$0

SoCalGas Wholesale Cost Allocation

COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Total Whole sale
Intervenor Award Memorandum Account (IAMA)	\$4	\$41	\$3	\$4	\$51
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0
Montebello True-Up Tracking Account (MTTA)	\$4	\$41	\$3	\$4	\$52
Noncore Fixed Cost Account (NFCA) Margin	\$96	\$296	\$77	\$80	\$548
Noncore Fixed Cost Account (NFCA) Nonmargin	\$41	\$427	\$28	\$40	\$536
Noncore Storage Momorandum Account (NSMA)	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Balancing Account (ITBA) Margin	\$81	\$0	\$55	\$76	\$213
Integrated Transmission Balancing Account (ITBA) Nonmargin	(\$57)	\$0	(\$39)	(\$54)	(\$149)
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$2)	(\$17)	(\$1)	(\$2)	(\$21)
System Reliability Memorandum Account (SRMA)	\$0	\$0	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$466)	(\$4,893)	(\$325)	(\$462)	(\$6,146)
Pension Balancing Account (PBA)	\$103	\$317	\$82	\$85	\$586
PBOP Balancing Account (PBOPBA)	(\$16)	(\$51)	(\$13)	(\$14)	(\$94)
Research Development and Demonstration Expense Account (RDDEA)	(\$3)	(\$10)	(\$3)	(\$3)	(\$18)
Research Royalty Memorandum Account (RRMA)	(\$2)	(\$7)	(\$2)	(\$2)	(\$13)
Self-Generation Program Memorandum Account (SGPMA)	\$101	\$1,056	\$70	\$100	\$1,327
Rewards & Penalties Balancing Account (RPBA)	\$16	\$48	\$12	\$13	\$89
Total Regulatory Accounts	\$14	(\$1,572)	\$29	(\$19)	(\$1,548)
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$3,070	\$9,462	\$2,426	\$2,577	\$17,535
EOR Revenue allocated to Other Classes \$000	(\$8)	(\$24)	(\$6)	(\$7)	(\$45)
EOR Costs allocated to Other Classes \$000	\$8	\$26	\$7	\$7	\$48
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$3,070	\$9,464	\$2,427	\$2,577	\$17,538
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Average Rate w/oFAR \$/th	\$0.02622	\$0.00769	\$0.02969	\$0.02219	\$0.01135
FFU Rate	101.48%	101.48%	101.48%	101.48%	
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Sempra Wide & TLS Adjustments::					
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$3,070	\$9,464	\$2,427	\$2,577	\$17,538
SW NGV Adjustment					\$0
SW EG Adjustment					\$0
TLS Adjustment					
Amount allocated to TLS Class \$000	(\$3,070)		(\$2,427)	(\$2,577)	(\$8,074)
TLS revenue paid by class @ average TLS rate \$000	\$2,947		\$2,057	\$2,923	\$7,928
	(\$123)	\$0	(\$369)	\$346	(\$146)
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$2,947	\$9,464	\$2,057	\$2,923	\$17,391
Rate Tables difference	\$2,947 \$0	\$9,464 \$0	\$2,057 \$0	\$2,923 \$0	\$17,391 \$0
AYTP Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Average Rate w/oFAR \$/th	\$0.02517	\$0.00769	\$0.02517	\$0.02517	\$0.01125
Rate Tables difference	\$0.02517 \$0.00000	\$0.00769 \$0.00000	\$0.02517 \$0.00000	\$0.02517 \$0.00000	
	<b>A</b> 10 <b>-</b>	<b>A</b> 4 4 4 <b>-</b>	<b>1</b> 007	<b>A</b> 10 <b>-</b>	<b>A</b> 0.40 <b>T</b>
FAR w/FFU Charge \$000 Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$497 \$3,444	\$4,887	\$337 \$2,394	\$467	\$6,187
	. ,	\$14,351		\$3,390	\$23,578
Average Rate w/ FAR \$/th	\$0.02941	\$0.01166	\$0.02929	\$0.02919	\$0.01526
Rate Tables difference					
Effective Allocation %'s:					
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	0.2%	1.8%	0.1%	0.1%	2.2%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	0.2%	0.5%	0.1%	0.1%	0.9%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	0.2%	0.5%	0.1%	0.1%	0.9%
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	0.2%	0.5%	0.1%	0.2%	0.9%

SoCalGas International and Summary Cost Allocation
WITNESS

COST COMPONENTS \$000's	DGN	TBS	Total Non Core	Total Syster \$000
Base Margin Costs:				
Customer Related Costs	\$31	\$0	\$15,426	\$704,533
Medium Pressure Distribution Costs	\$0	\$0	\$23,266	\$579,269
High Pressure Distribution Costs	\$0	\$0	\$33,739	\$158,056
Backbone Transmission Costs	\$478	\$0	\$53,862	\$88,163
Local Transmission Costs	\$380	\$0	\$43,654	\$88,163
Storage - Seasonal	\$0	\$0	\$6,358	\$52,958
Storage - Load Balancing	\$63	\$0	\$6,984	\$10,551
Storage - TBS	\$0	\$26,470	\$26,470	\$26,470
Non-DSM Marketing Related Costs	\$158	\$0	\$3,972	\$50,204
Jncollectibles	\$0	\$0	\$454	\$5,352
NGV compression adder	\$0	\$0	\$0	\$1,380
Fotal Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$1,109	\$26,470	\$214,186	\$1,765,10
Less Backbone Transmission Costs	(\$478)	\$0	(\$53,862)	(\$88,163)
Less Local Transmission Costs	(\$380)	\$0	(\$43,654)	(\$88,163)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$306	\$0	\$27,285	\$49,319
Plus Local Transmission Costs w/SI, FFU	\$467	\$0	\$39,403	\$94,288
	¢4.004	<b>*</b> 00.470	\$400 0F0	¢4 700 00
Fotal Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$1,024	\$26,470	\$183,358	\$1,732,38
Dther Operating Costs and Revenues n/a	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0
Co Use Transmission w/ FFU \$000	\$57	\$0	\$5,077	\$8,884
Company Use Gas: Other	\$11	\$0	\$1,210	\$1,933
Company Use Gas: Storage Load Balancing	\$9	\$0	\$1,028	\$1,640
n/a	\$0 \$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$0 \$0	\$0	\$14	\$23
			ψιι	ΨĽΟ
		\$0	\$0	\$0
Fuel Cell Equipment Revenues	\$0	\$0 \$0	\$0 \$0	\$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards	\$0 \$0	\$0	\$0	\$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas	\$0 \$0 \$102	\$0 \$0	\$0 \$11,367	\$0 \$39,227
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a	\$0 \$0 \$102 \$0	\$0 \$0 \$0	\$0 \$11,367 \$0	\$0 \$39,227 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks	\$0 \$0 \$102	\$0 \$0	\$0 \$11,367	\$0 \$39,227
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues	\$0 \$0 \$102 \$0 \$1	\$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149	\$0 \$39,227 \$0 \$240
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues	\$0 \$0 \$102 \$0 \$1	\$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149	\$0 \$39,227 \$0 \$240
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Irransition Costs n/a	\$0 \$0 \$102 \$0 \$1 <b>\$180</b>	\$0 \$0 \$0 \$0 <b>\$0</b>	\$0 \$11,367 \$0 \$149 <b>\$18,845</b>	\$0 \$39,227 \$0 \$240 <b>\$51,948</b>
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0	\$0 \$0 \$0 <b>\$0</b> <b>\$0</b> \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues ransition Costs n/a MPO Transition Cost Adjustment	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0	\$0 \$0 \$0 <b>\$0</b> <b>\$0</b> \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 <b>\$0</b> <b>\$0</b>	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 <b>\$0</b>	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 <b>\$0</b> <b>\$0</b>	\$0 \$39,227 \$0 <b>\$240</b> <b>\$51,948</b> \$0 \$0 \$0 <b>\$0</b>
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0 <b>\$0</b> (\$0)	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 <b>\$0</b> <b>\$0</b> (\$15)	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 <b>\$0</b> <b>\$0</b> (\$166)
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Milliate Transfer Fee Account (ATFA) Stythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 <b>\$0</b> \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 <b>\$0</b> (\$15) \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 <b>\$0</b> \$0 (\$166) \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Milliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (GRCRRMA) Seneral Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> <b>\$0</b> \$0 <b>\$0</b> <b>\$0</b> <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 <b>\$0</b> <b>\$0</b> (\$15) \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 <b>\$0</b> \$0 (\$166) \$0 (\$166) \$0 (\$813)
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) EERC Settlement Proceeds Memorandum Account (GRCRRMA) EERC Settlement Proceeds Memorandum Account (GRCRRMA) Ein Access & Storage Rights Memorandum Account (FARSMA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 <b>\$0</b> (\$15) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 <b>\$0</b> (\$166) \$0 (\$166) \$0 (\$813) \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Mfiliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (GRCRRMA) Ern Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 <b>\$0</b> (\$15) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 \$51,948 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Segulatory Accounts Hiffliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (GRCRRMA) Eneral Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Firm Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA) G-PAL Balancing Account (GPBA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 \$51,948 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Firm Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA) G-PAL Balancing Account (GPBA) Core Fixed Cost Account (CFCA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 \$51,948 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Mifiliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Firm Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA) G-PAL Balancing Account (GPBA) Core Fixed Cost Account (CFCA) Dn-Bill Financing Balancing Account (OBFBA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 <b>\$18,845</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Milliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) EERC Settlement Proceeds Memorandum Account (BOFRMA) EERC Settlement Proceeds Memorandum Account (GRCRRMA) EERC Settlement Proceeds Memorandum Account (FARSMA) General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Firm Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA) 3-PAL Balancing Account (CPCA) Dn-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$17 \$0 \$0 \$17 \$0 \$0 \$17 \$0 \$0 \$11 \$0 \$0 \$11 \$180 \$0 \$1 \$180 \$0 \$1 \$1 \$180 \$0 \$0 \$0 \$1 \$1 \$180 \$0 \$0 \$0 \$0 \$0 \$1 \$1 \$180 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 \$18,845 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$166) \$0 \$2,973 \$0 \$2,973 \$0 \$0 \$1,017 \$213
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Iffiliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (FSPMA) Seneral Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Errim Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA) Sore Fixed Cost Account (CFCA) Dn-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$117 \$0 \$0 \$0 \$117 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> <b>\$0</b> \$0 <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 \$18,845 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Williate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (FSPMA) Seneral Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Eirm Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA) Sore Fixed Cost Account (GPBA) Coro Fixed Cost Account (GPBA) Conomic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA) California	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b> <b>\$</b>	\$0 \$11,367 \$0 \$149 \$18,845 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 \$51,948 \$0 \$0 \$0 \$0 \$0 (\$166) \$0 (\$166) \$0 (\$166) \$0 (\$13) \$0 \$2,973 \$0 \$0 \$1,017 \$213 \$0 \$2,339
Fuel Cell Equipment Revenues Marketing: DSM Program Awards Unaccounted For (UAF) Gas n/a Well Incidents & Surface Leaks Subtotal Other Operating Costs and Revenues Transition Costs n/a MPO Transition Cost Adjustment Pitco/Popco Transition Costs total Transition Costs Regulatory Accounts Iffiliate Transfer Fee Account (ATFA) Bythe Operational Flow Requirement Memorandum Account (BOFRMA) ERC Settlement Proceeds Memorandum Account (FSPMA) Seneral Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Errim Access & Storage Rights Memorandum Account (FARSMA) California Solar Iniative Balancing Account (CSIBA) Sore Fixed Cost Account (CFCA) Dn-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0 \$0 \$102 \$0 \$1 <b>\$180</b> \$0 \$0 \$0 \$0 <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$117 \$0 \$0 \$0 \$117 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 <b>\$0</b> <b>\$0</b> \$0 <b>\$0</b> <b>\$0</b> <b>\$0</b> <b>\$0</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$11,367 \$0 \$149 \$18,845 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$39,227 \$0 \$240 <b>\$51,948</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0

SoCalGas International and Summary Cost Allocation

COST COMPONENTS \$000's	DGN	TBS	Total Non Core	Total Syster \$000
Intervenor Award Memorandum Account (IAMA)	\$2	\$0	\$194	\$313
Otay Mesa System Reliability Memorandum Account (OMSRMA)	\$0	\$0	\$0	\$0
Gain / Loss on Sale Memorandum Account (GLOSMA)	\$0	\$0	\$0 \$0	\$0 \$0
n/a	\$0 \$0	\$0	\$0 \$0	\$0 \$0
Montebello True-Up Tracking Account (MTTA)	\$2	\$0	\$197	\$656
Noncore Fixed Cost Account (NFCA) Margin	\$37	\$0	\$5,488	\$5,488
Noncore Fixed Cost Account (NFCA) Nonmargin	\$19	\$0 \$0	\$2,038	\$2,038
Noncore Storage Momorandum Account (NSMA)	\$0	\$0 \$0	\$2,038 \$0	\$2,030 \$0
ntegrated Transmission Balancing Account (ITBA) Margin	\$36	\$0 \$0	\$3,067	\$5,626
5 C ( ) 5	(\$25)	\$0 \$0		\$5,626 (\$3,941)
ntegrated Transmission Balancing Account (ITBA) Nonmargin			(\$2,148) (\$82)	
Company-Use Fuel for Load Balancing Account (CUFLBA)	(\$1)	\$0 ©	(\$82) ©	(\$132)
System Reliability Memorandum Account (SRMA)	\$0 (*******	\$0	\$0	\$0
Noncore Storage Balancing Account (NSBA)	(\$215)	\$0	(\$23,374)	(\$37,691)
Pension Balancing Account (PBA)	\$39	\$0	\$5,868	\$65,664
PBOP Balancing Account (PBOPBA)	(\$6)	\$0	(\$940)	(\$10,516)
Research Development and Demonstration Expense Account (RDDEA)	(\$1)	\$0	(\$182)	(\$2,040)
Research Royalty Memorandum Account (RRMA)	(\$1)	\$0	(\$127)	(\$1,419)
Self-Generation Program Memorandum Account (SGPMA)	\$46	\$0	\$5,045	\$8,135
Rewards & Penalties Balancing Account (RPBA)	\$6	\$0	\$888	\$9,931
Total Regulatory Accounts	(\$9)	\$0	\$2,000	\$69,977
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0
Transport Rev Req before EOR & G-EN CAP adjustments \$000	\$1,196	\$26,470	\$204,203	\$1,854,307
EOR Revenue allocated to Other Classes \$000	(\$3)	\$0	(\$450)	(\$5,029)
EOR Costs allocated to Other Classes \$000	\$3	\$0	(\$4,862)	\$0
Gas Engine Rate CAP adjustment	\$0	\$0	\$0	\$0
Transport Rev Reg w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,196	\$26,470	\$198,892	\$1,849,278
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	53,990	0	5,866,366	9,457,396
Average Rate w/oFAR \$/th	\$0.02215	\$0.00000	\$0.03390	\$0.19554
FFU Rate	101.48%	<i><b>Q</b>0.00000</i>	<b>\$0.00000</b>	φ0.10001
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	53,990	0	6,022,553	9,613,583
Sempra Wide & TLS Adjustments::				
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,196	\$26,470	\$198,892	\$1,849,278
	φ1,190	φ20,470	\$190,092 \$0	
SW NGV Adjustment				(\$252)
SW EG Adjustment			\$709	\$709
TLS Adjustment				
Amount allocated to TLS Class \$000	(\$1,196)		(\$77,176)	(\$77,176)
TLS revenue paid by class @ average TLS rate \$000	\$1,359		\$83,053	\$83,053
	\$163	\$0	\$5,877	\$5,877
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$1,359	\$26,470	\$205,478	\$1,855,613
Rate Tables	\$1,359	\$26,470	\$205,478	\$1,855,611
difference	\$0	\$0	\$0	\$2
AYTP Mth/yr	53,990		5,866,366	9,457,396
Average Rate w/oFAR \$/th	\$0.02517		\$0.03503	\$0.19621
Rate Tables	\$0.02517			\$0.19621
difference	\$0.00000			\$0.00000
FAR w/FFU Charge \$000	\$217	\$0	\$24,194	\$39,773
Fransport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$1,576	\$26,470	\$229,672	\$1,895,386
Average Rate w/ FAR \$/th	\$0.02919		\$0.03915	\$0.20041
Rate Tables	÷0.020.0			\$1,895,384
difference				\$2
Effective Allocation %'s:				
Fotal Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	0.1%	1.5%	12.1%	100.0%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	0.1%	1.5%	10.6%	100.0%
	0.40/	4 40/	10.00/	100.0%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	0.1%	1.4%	10.8%	100.0%

WORKPAPER TITLE
SoCalGas Current Average Residential Bill
WITNESS
Gary Lenart

	Monthly Class Average
SoCalGas Residential:	
Customer Charge \$/day =	\$0.16438
BL Rate \$/th =	\$0.33482
NBL Rate \$/th =	\$0.58482
G-CP \$/th =	\$0.44982
PPPS \$/th =	\$0.07687
G-SRF \$/th =	\$0.00068
Effective Average Rate \$/th	\$1.02831
BL Usage limit th/day =	1.082
# days in month =	30.42
BL usage limit th/mo =	32.75
Total th used th/mo =	38.00
BL therms =	32.75
NBL therms =	5.25
Customer Charge \$/mo =	\$5.00
BL charges \$/mo =	\$10.97
NBL charge \$/mo =	\$3.07
Commodity Charge \$/mo =	\$17.09
PPPS charge \$/mo =	\$2.92
G-PUC Regulatory Fee \$/mo =	\$0.03
PSEP Surcharge \$/mo	\$0.00
Total Charge \$/mo =	\$39.08

## Notes:

1) Transport rate as of 1/2011.

2) G-CP rate from 10/2010 Reg. Acct. update

3) PPPS rate from PPPS Workpaper

4) BL usage limits reflect Zone 1

5) G-SRF rate as of 1/2011

6) PSEP Surcharge from Surcharge Workpapers

WORKPAPER TITLE
SoCalGas Illustrative 2015 Average Residential Bill
WITNESS
Gary Lenart

	Monthly Class Average
SoCalGas Residential:	
Customer Charge \$/day =	\$0.16438
BL Rate \$/th =	\$0.33482
NBL Rate \$/th =	\$0.58482
G-CP \$/th =	\$0.44982
PPPS \$/th =	\$0.07959
G-SRF \$/th =	\$0.00068
Effective Average Rate \$/th	\$1.02831
BL Usage limit th/day =	1.082
# days in month =	30.42
BL usage limit th/mo =	32.75
Total th used th/mo =	38.00
BL therms =	32.75
NBL therms =	5.25
Customer Charge \$/mo =	\$5.00
BL charges \$/mo =	\$10.97
NBL charge \$/mo =	\$3.07
Commodity Charge \$/mo =	\$17.09
PPPS charge \$/mo =	\$3.02
G-PUC Regulatory Fee \$/mo =	\$0.03
PSEP Surcharge \$/mo	\$2.82
Total Charge \$/mo =	\$42.00

## Notes:

1) Transport rate as of 1/2011.

2) G-CP rate from 10/2010 Reg. Acct. update

3) PPPS rate from PPPS Workpaper

4) BL usage limits reflect Zone 1

5) G-SRF rate as of 1/2011

6) PSEP Surcharge from Surcharge Workpapers

# Natural Gas Transportation Rate Revenues <u>San Diego Gas & Electric</u> January 2011 Rates

2011 SDGE RD Model									
	At P	resent Rates		At Prop	oosed Rates			Changes	
	Jan-1-11	Average	Jan-1-11	Jan-1-11	Average	Jan-1-11			Rate
	Volumes	Rate	Revenues	Volumes	Rate	Revenues	Revenues	Rates	change
	mtherms	\$/therm	\$000's	mtherms	\$/therm	\$000's	\$000's	\$/therm	%
	А	В	С	D	Е	F	G	Н	Ι
1 CORE									
2 Residential	326,003	\$0.67411	\$219,763	326,003	\$0.67411	\$219,763	\$0	\$0.00000	0.0%
3 Comml & Industrial	158,725	\$0.24933	\$39,575	158,725	\$0.24933	\$39,575	\$0	\$0.00000	0.0%
4									
5 NGV Pre SW	15,238	\$0.07061	\$1,076	15,238	\$0.07061	\$1,076	\$0	\$0.00000	0.0%
6 SW Adjustment	15,238	\$0.01662	\$253	15,238	\$0.01662	\$253	\$0	\$0.00000	0.0%
7 NGV Post SW	15,238	\$0.08722	\$1,329	15,238	\$0.08722	\$1,329	\$0	\$0.00000	0.0%
8									
9 Total CORE	499,967	\$0.52137	\$260,667	499,967	\$0.52137	\$260,667	\$0	\$0.00000	0.0%
10									
11 NONCORE COMMERCIAL & INDUSTRIAL									
12 Distribution Level Service	37,270	\$0.14050	\$5,236	37,270	\$0.14050	\$5,236	\$0	\$0.00000	0.0%
13 Transmission Level Service (2)	3,193	\$0.02686	\$86	3,193	\$0.02686	\$86	\$0	\$0.00000	0.0%
14 Total Noncore C&I	40,463	\$0.13153	\$5,322	40,463	\$0.13153	\$5,322	\$0	\$0.00000	0.0%
15									
16 NONCORE ELECTRIC GENERATION									
17 Distribution Level Service									
18 Pre Sempra Wide	179,522	\$0.04229	\$7,593	179,522	\$0.04229	\$7,593	\$0	\$0.00000	0.0%
19 Sempra Wide Adjustment	179,522	(\$0.00397)	(\$713)	179,522	(\$0.00397)	(\$713)	\$0	\$0.00000	0.0%
20 Distribution Level Post Sempra Wide	179,522	\$0.03832	\$6,880	179,522	\$0.03832	\$6,880	\$0	\$0.00000	0.0%
21 Transmission Level Service (2)	496,393	\$0.02517	\$12,494	496,393	\$0.02517	\$12,494	\$0	\$0.00000	0.0%
22 Total Electric Generation	675,916	\$0.02866	\$19,374	675,916	\$0.02866	\$19,374	\$0	\$0.00000	0.0%
23	51 ( 950	\$0.00 L IT	<b>**</b> • • • • • •	54 ( 050	#0.0 <b>0.11</b>	<b>**</b> ****	<b>6</b> 0	<b>*</b> 2 22222	0.00%
24 TOTAL NONCORE	716,379	\$0.03447	\$24,696	716,379	\$0.03447	\$24,696	\$0	\$0.00000	0.0%
25 26 System Total	1,216,345	\$0.23461	\$285,363	1,216,345	\$0.23461	\$285,363	\$0	\$0.00000	0.0%
20 System 10tai	1,210,345	\$U.23401	\$ <b>403,30</b> 3	1,210,345	φ <b>0.23401</b>	\$283,303	φU	<b>\$0.00000</b>	0.0%

These rates are for Natural Gas Transportation Service from "Citygate to Meter". The FAR rate is for service from Receipt Point to Citygate and is purchased from SoCalGas.
 These proposed costs and rates for Transmission Level Service "TLS" customers represents the average transmission rate.
 FAR charge is as a separate rate. Core will pay through procurement rate, noncore as a separate charge and is purchased from SoCalGas.

#### WORKPAPER TITLE SDG&E Core Cost Allocation WITNESS Gary Lenart

IARGINAL COST COMPONENTS \$000's	Res	NGV	Core C&I	Total Core
Embedded Costs:				
Customer Related Costs	\$136,330	\$66	\$12,927	\$149,323
Medium Pressure Distribution Costs	\$46,871	\$160	\$12,598	\$59,629
High Pressure Distribution Costs	\$4,829	\$65	\$1,331	\$6,225
Backbone Transmission Costs	\$8,093	\$188	\$2,687	\$10,969
Local Transmission Costs	\$5,959	\$246	\$2,704	\$8,909
Storage - Borrego	\$0	\$0	\$0	\$0
Functionalized A&G	\$0	\$0	\$0	\$0
Core Seasonal Storage	\$0	\$0	\$0	\$0
Storage - Load Balancing	\$0	\$0	\$0	\$0
NGV	\$0	\$89	\$0	\$89
otal Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$202,081	\$814	\$32,248	\$235,143
Less Backbone Transmission Costs	(\$8,093)	(\$188)	(\$2,687)	(\$10,969)
Less Local Transmission Costs	(\$5,959)	(\$246)	(\$2,704)	(\$8,909)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$1,863	\$87	\$907	\$2,857
Plus Local Transmission Costs w/SI,FFU	\$5,664	\$132	\$1,881	\$7,677
Fotal Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$195,557	\$599	\$29,644	\$225,800

Other Operating Costs and Revenues				
SCG Transport excl Core Storge & Load Balance \$000	\$460	\$22	\$224	\$706
SCG Core Seasonal Storage	\$5,127	\$0	\$1,378	\$6,505
SCG Load Balancing Allocated to ALL SDGE \$000	\$391	\$18	\$190	\$600
Co Use Transmission w/FFU \$000	\$348	\$16	\$169	\$533
LUAF	\$1,895	\$89	\$923	\$2,906
Company Use Gas: Other	\$45	\$2	\$22	\$69
AMI rev req incl FF&U AL 1693-G	\$13,732	\$42	\$2,082	\$15,855
n/a	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0
Core Averaging	(\$3,140)	\$0	\$3,140	\$0
Subtetal Other Operating Costs and Revenues	\$18,858	\$189	\$8,129	\$27,175
Subtotal Other Operating Costs and Revenues	φ10,000	ψ10 <b>5</b>	ψ0,125	Ψ21,113
Subtotal Other Operating Costs and Revenues	\$10,000	<b>\$105</b>	<i>40,123</i>	ψ27,175
Regulatory Accounts	\$10,000	<b>\$100</b>	ψ <b>0</b> , 123	ψ21,115
	\$0	\$0	\$0	\$0
Regulatory Accounts	. ,		, .	
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA	\$0	\$0	\$0	\$0
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA)	\$0 \$124	\$0 \$0	\$0 \$19	\$0 \$143
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a	\$0 \$124 \$0	\$0 \$0 \$0	\$0 \$19 \$0	\$0 \$143 \$0
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Margin Only	\$0 \$124 \$0 \$4,520	\$0 \$0 \$0 \$211	\$0 \$19 \$0 \$2,201	\$0 \$143 \$0 \$6,931
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Margin Only CFCA -Nonmargin Other CFCA -Nonmargin SCG	\$0 \$124 \$0 \$4,520 \$638	\$0 \$0 \$0 \$211 \$30	\$0 \$19 \$0 \$2,201 \$310	\$0 \$143 \$0 \$6,931 \$978
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Margin Only CFCA -Nonmargin Other	\$0 \$124 \$0 \$4,520 \$638 \$1,107 \$0	\$0 \$0 \$211 \$30 \$52	\$0 \$19 \$0 \$2,201 \$310 \$539	\$0 \$143 \$0 \$6,931 \$978 \$1,698
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Margin Only CFCA -Nonmargin Other CFCA -Nonmargin SCG CA Solar Initiative Balancing Acct CSIBA FERC Settlement Proceeds MA	\$0 \$124 \$0 \$4,520 \$638 \$1,107 \$0 (\$11)	\$0 \$0 \$211 \$30 \$52 \$0 \$0	\$0 \$19 \$0 \$2,201 \$310 \$539 \$0	\$0 \$143 \$0 \$6,931 \$978 \$1,698 \$0 (\$1,110)
Regulatory Accounts         Adv Mtring Infrastructure Balancing Acct AMIBA         On-Bill Financing Balancing Account (OBFBA)         n/a         CFCA - Margin Only         CFCA - Nonmargin Other         CFCA - Nonmargin SCG         CA Solar Initiative Balancing Acct CSIBA         FERC Settlement Proceeds MA         Core Gas Storage Balancing Acct. GSBA-C	\$0 \$124 \$0 \$4,520 \$638 \$1,107 \$0 (\$11) (\$835)	\$0 \$0 \$211 \$30 \$52 \$0 \$0 (\$39)	\$0 \$19 \$0 \$2,201 \$310 \$539 \$0 (\$1,099)	\$0 \$143 \$0 \$6,931 \$978 \$1,698 \$0 (\$1,110) (\$1,280)
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Margin Only CFCA -Nonmargin Other CFCA -Nonmargin SCG CA Solar Initiative Balancing Acct CSIBA FERC Settlement Proceeds MA	\$0 \$124 \$0 \$4,520 \$638 \$1,107 \$0 (\$11)	\$0 \$0 \$211 \$30 \$52 \$0 \$0	\$0 \$19 \$0 \$2,201 \$539 \$0 (\$1,099) (\$406)	\$0 \$143 \$0 \$6,931 \$978 \$1,698 \$0 (\$1,110)

WORKPAPER TITLE				
SDG&E Core Cost Allocation				
WITNESS				
Gary Lenart				
MARGINAL COST COMPONENTS \$000's	Res	NGV	Core C&I	Total Core
Natural Gas Supp Refund Track Acct	\$0	\$0	\$0	\$0
NFCA -Margin Only	\$0	\$0	\$0	\$0
NFCA -Nonmargin Other	\$0	\$0 \$0	\$0 \$0	\$0
NFCA -Nonmargin SCG	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
NGVA	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
NGVA Non-Core Gas Storage Balancing Acct GSBA-NC	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
6 6			-	
PBOPBA	(\$838)	(\$3)	(\$127)	(\$967)
Pension BA	(\$1,182)	(\$4)	(\$179)	(\$1,365)
RD&D 1-Way Bal Acct (Pre-2001)	\$0	\$0	\$0	\$0
Rewards & Penalties Bal Acct RPBA	\$366	\$1	\$56	\$423
Self Gen Memo Acct - SGPMA-CSI	\$0	\$0	\$0	\$0
Self Gen Memo Acct - SGPMA-NonCSI	\$0	\$0	\$0	\$0
SGPMA - Rev Req for NEXT Year	\$624	\$2	\$95	\$721
Gain/Loss on Sale Memo Acct GLOSMA	\$0	\$0	\$0	\$0
Integrated Transmission Margin ITBA	\$289	\$12	\$131	\$432
Integrated Transmission Nonmargin ITBA	(\$202)	(\$8)	(\$92)	(\$302)
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0
CSI Thermal Program memoradum Account	\$450	\$26	\$253	\$729
Catastrophic Event Memo. Acct 2007 (CEMA)	\$130	\$0	\$20	\$150
Z-Factor Memorandum Account	\$0	\$0	\$0	\$0
Total Regulatory Accounts	\$5,348	\$289	\$1,802	\$7,439
	\$0,040	<b>\$200</b>	¢1,002	<b>\$1,400</b>
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	\$219,763	\$1,076	\$39,575	\$260,413
AVERAGE YEAR THROUGHPUT, Mth/yr	326,003	15,238	158,725	499,967
Average Rate \$/th	\$0.67411	\$0.07061	\$0.24933	\$0.52086
FFU Rate	102.31%	102.31%	102.31%	102.31%
Sempra Wide & TLS Adjustments::				
	¢040.700	¢4.070	¢00.575	\$000 440
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	\$219,763	\$1,076	\$39,575	\$260,413
SW NGV Adjustment		\$253		\$253
SW EG Adjustment				\$0
TLS Adjustment				
Amount allocated to TLS Class \$000				\$0
TLS revenue paid by class @ average TLS rate \$000				\$0
	\$0	\$0	\$0	\$0
Transport Rev Req w/SI, FFU, SW adj, TLS w/o FAR Rev \$000/yr	\$219,763	\$1,329	\$39,575	\$260,667
Rate Tables	\$219,763	\$1,329	\$39,575	\$260,667
difference	\$2 19,703 \$0	\$1,329 \$0	\$39,575 \$0	\$200,007 \$0
AYTP Mth/yr	326,003	15,238	158,725	499,967
Average Rate w/oFAR \$/th	\$0.67411	\$0.08722	\$0.24933	\$0.52137
Rate Tables	\$0.67411	\$0.08722	\$0.24933	\$0.52137
difference	\$0.00000	\$0.00000	\$0.00000	\$0.00000
FAR w/FFU Charge \$000	\$1,310	\$61	\$638	\$2,009
Transport Rev Reg w/SI, FFU, SW adj, TLS, FAR Rev \$000/yr	\$221,072	\$1,390	\$40,213	\$262,675
Average Rate w/ FAR \$/th	\$0.67813	\$0.09124	\$0.25335	\$0.52539
	ψ0.07013	ψ0.00 IZ-T	ψ0.20000	ψ0.02009
Effective Allocation %'s:				
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	77.2%	0.3%	12.3%	89.8%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	80.8%	0.2%	12.2%	93.3%
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	75.3%	0.4%	13.6%	89.3%
Transport Rev Reg w/SI, FFU, SW adj, TLS w/o FAR Rev \$000/yr	77.0%	0.5%	13.9%	91.3%

MARGINAL COST COMPONENTS \$000's	NCCI	EG Tier 1	EG Tier 2	Total EG	Total NonCore	System Tota
Embedded Costs:			<b>.</b>	<b>.</b>		
Customer Related Costs	\$1,860	\$834	\$341	\$1,175	\$3,035	\$152,357
Medium Pressure Distribution Costs	\$966	\$595	\$0	\$595	\$1,561	\$61,189
High Pressure Distribution Costs	\$221	\$109	\$629	\$739	\$960	\$7,185
Backbone Transmission Costs	\$505	\$317	\$8,662	\$8,979	\$9,484	\$20,453
Local Transmission Costs	\$652	\$544	\$10,348	\$10,892	\$11,544	\$20,453
Storage - Borrego	\$0	\$0	\$0	\$0	\$0	\$0
Functionalized A&G	\$0	\$0	\$0	\$0	\$0	\$0
Core Seasonal Storage	\$0	\$0	\$0	\$0	\$0	\$0
Storage - Load Balancing NGV	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$89
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$4,203	\$2,399	\$19,981	\$22,380	\$26,583	\$261,726
Less Backbone Transmission Costs	(\$505)	(\$317)	(\$8,662)	(\$8,979)	(\$9,484)	(\$20,453)
Less Local Transmission Costs	(\$652)	(\$544)	(\$10,348)	(\$10,892)	(\$11,544)	(\$20,453)
Plus Backbone Transmission Costs w/SI. FFU w/oFAR	\$231	\$193	\$3,670	\$3,863	\$4,094	\$6,951
Plus Local Transmission Costs w/SI,FFU	\$353	\$360	\$5,924	\$6,285	\$6,638	\$14,315
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$3,631	\$2,091	\$10.565	\$12,656	\$16,287	\$242,087
Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000	\$57	\$48	\$907	\$955	\$1,012	\$1.718
	40 <i>1</i>	φ+0	4907			
SCG Core Seasonal Storage	02	\$0	\$0	\$0		* / -
	\$0 \$40	\$0 \$41	\$0 \$771	\$0 \$911	\$0	\$6,505
SCG Load Balancing Allocated to ALL SDGE \$000	\$49	\$41	\$771	\$811	\$0 \$860	\$6,505 \$1,460
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000	\$49 \$43	\$41 \$36	\$771 \$685	\$811 \$721	\$0 \$860 \$764	\$6,505 \$1,460 \$1,297
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF	\$49 \$43 \$114	\$41 \$36 \$95	\$771 \$685 \$1,810	\$811 \$721 \$1,906	\$0 \$860 \$764 \$2,020	\$6,505 \$1,460 \$1,297 \$4,926
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other	\$49 \$43 \$114 \$6	\$41 \$36 \$95 \$5	\$771 \$685 \$1,810 \$89	\$811 \$721 \$1,906 \$94	\$0 \$860 \$764 \$2,020 \$100	\$6,505 \$1,460 \$1,297 \$4,926 \$169
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G	\$49 \$43 \$114 \$6 \$255	\$41 \$36 \$95 \$5 \$147	\$771 \$685 \$1,810 \$89 \$742	\$811 \$721 \$1,906 \$94 \$889	\$0 \$860 \$764 \$2,020 \$100 \$1,144	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a	\$49 \$43 \$114 \$6 \$255 \$0	\$41 \$36 \$95 \$5 \$147 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G v/a	\$49 \$43 \$114 \$6 \$255 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 _UAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G /a √a	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$147 \$0 \$0 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a n/a Core Averaging	\$49 \$43 \$114 \$6 \$255 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G v/a n/a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 \$0 \$24	\$41 \$36 \$95 \$147 \$0 \$0 \$0 \$0 \$0 <b>\$</b> 0 <b>\$</b> 371	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$0 <b>\$5,004</b>	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$0 \$0 <b>\$5,898</b>	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a n/a A Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mitring Infrastructure Balancing Acct AMIBA	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 <b>\$524</b> \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 <b>\$0</b> <b>\$371</b> \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 <b>\$</b> 0 <b>\$</b> 0 <b>\$</b> 0 <b>\$</b> 0 <b>\$</b> 0 <b>\$</b>	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 \$0 <b>\$5,375</b> \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 UAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G 1/a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mitring Infrastructure Balancing Acct AMIBA Dn-Bill Financing Balancing Account (OBFBA)	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$2	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 \$0 <b>\$</b> 0 <b>\$</b> 0 \$0 \$371 \$371	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 \$0 <b>\$5,375</b> \$0 \$8	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a //a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 \$2 \$524 \$0 \$2 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 <b>\$371</b> \$0 \$1 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 <b>\$5,004</b> \$0 \$7 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 <b>\$</b> 0 <b>\$</b> 0 <b>\$</b> 5,375 \$0 \$8 \$8 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$16,999 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a n/a A Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mitring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Margin Only	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$52 \$524 \$0 \$0 \$2 \$0 \$0 \$0 \$0 \$0 \$2 \$0 \$0 \$0 \$0 \$0 \$2 \$0 \$0 \$0 \$2 \$0 \$0 \$2 \$0 \$0 \$22 \$0 \$0 \$22 \$0 \$0 \$25 \$24 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$147 \$0 \$0 \$0 \$0 <b>\$371</b> \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$1 \$0 \$0 \$0 \$1 \$0 \$0 \$2 \$1 \$2 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$5,004 \$5,004 \$0 \$7 \$0 \$0 \$0 \$0 \$0 \$7 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 \$0 <b>\$5,375</b> \$0 \$8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 <b>\$5,898</b> \$0 \$5,898 \$0 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$0 \$0 \$0 \$0 \$0 <b>\$33,073</b> \$0 \$153 \$0 \$6,931
SCG Load Balancing Allocated to ALL SDGE \$000 20 Use Transmission w/FFU \$000 UJAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G 1/a 1/a 20re Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Miring Infrastructure Balancing Acct AMIBA Dn-Bill Financing Balancing Account (OBFBA) 1/a 2FCA -Margin Only CFCA -Nonmargin Other	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 <b>\$524</b> \$0 \$2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 <b>\$0</b> <b>\$371</b> \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$1 \$0 \$0 \$0 \$2 \$371	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$0 \$5,004 \$0 \$7 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 \$0 \$5,375 \$0 \$8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$0 <b>\$5,898</b> \$0 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a n/a Ana Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Margin Only CFCA -Nonmargin Other	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$2 \$2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 \$0 <b>\$371</b> \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$5,004 \$0 \$7 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 \$0 \$5,375 \$0 \$8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$5,898 \$0 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 UAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G 1/a 20re Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mitring Infrastructure Balancing Acct AMIBA Dn-Bill Financing Balancing Account (OBFBA) 1/a CFCA -Margin Only 2FCA -Nonmargin Other CFCA -Nonmargin Other	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 <b>\$524</b> \$0 \$2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 <b>\$</b> 0 <b>\$</b> 371 \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$5,004 \$0 \$7 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 <b>\$5,375</b> \$0 \$8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$5,898 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$10 \$1	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 UAF Company Use Gas: Other MM rev req incl FF&U AL 1693-G 1⁄a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA Dn-Bill Financing Balancing Account (OBFBA) 1⁄a SFCA -Margin Only CFCA -Nonmargin Other SFCA -Nonmargin SCG CA Solar Initiative Balancing Acct CSIBA	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$2 \$2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 \$0 <b>\$371</b> \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$5,004 \$0 \$7 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 \$0 \$5,375 \$0 \$8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$5,898 \$0 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a //a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA - Margin Only CFCA - Nonmargin Other CFCA - Nonmargin Other CFCA - Nonmargin CG CA Solar Initiative Balancing Acct CSIBA FERC Settlement Proceeds MA	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 <b>\$524</b> \$0 \$2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 \$0 <b>\$</b> 0 <b>\$</b> 371 \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 \$5,004 \$0 \$7 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 <b>\$5,375</b> \$0 \$8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 \$5,898 \$0 \$10 \$0 \$10 \$0 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$10 \$1	\$6,505 \$1,460 \$1,297 \$4,926 \$169 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 Co Use Transmission w/FFU \$000 LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a n/a n/a n/a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) n/a CFCA -Nonmargin Only CFCA -Nonmargin SCG CA Solar Initiative Balancing Acct CSIBA FERC Settlement Proceeds MA Core Gas Storage Balancing Acct. GSBA-C Hazardous Substance Cleanup Cost Acct HSCCA	\$49 \$43 \$114 \$6 \$255 \$0 \$0 \$0 \$0 \$0 \$52 \$524 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$41 \$36 \$95 \$5 \$147 \$0 \$0 \$0 <b>\$0</b> <b>\$371</b> \$0 \$1 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$771 \$685 \$1,810 \$89 \$742 \$0 \$0 \$0 \$0 <b>\$5,004</b> \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$811 \$721 \$1,906 \$94 \$889 \$0 \$0 \$0 \$0 <b>\$5,375</b> \$0 \$8 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$860 \$764 \$2,020 \$100 \$1,144 \$0 \$0 \$0 \$0 \$0 <b>\$5,898</b> \$0 \$0 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$6,505 \$1,460 \$1,297 \$4,926 \$16,999 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$33,073 \$0 \$153 \$0 \$6,931 \$978 \$1,698 \$0 \$0 \$(\$1,110)

WORKPAPER TITLE						
SDG&E Noncore Retail and Summary Cost Allocation						
WITNESS						
Gary Lenart						
MARGINAL COST COMPONENTS \$000's	NCCI	EG Tier 1	FG Tier 2	Total EG	Total NonCore	System Total
Natural Gas Supp Refund Track Acct	\$0	\$0				\$0
NFCA -Margin Only	\$1,305	\$752				\$5,853
NFCA -Nonmargin Other		(\$2)				(\$45)
NFCA -Nonmargin SCG	(\$3) \$144	(\$2) \$120	(. ,			(\$45) \$2,553
	•	•				
NGVA	\$0 \$10	\$0				\$0 \$005
Non-Core Gas Storage Balancing Acct GSBA-NC	\$12	\$10				\$205
PBOPBA	(\$16)	(\$9)	. ,	(· )	(· )	(\$1,037)
Pension BA	(\$22)	(\$13)				(\$1,463)
RD&D 1-Way Bal Acct (Pre-2001)	\$0	\$0				\$0
Rewards & Penalties Bal Acct RPBA	\$7	\$4				\$454
Self Gen Memo Acct - SGPMA-CSI	\$0	\$0				\$0
Self Gen Memo Acct - SGPMA-NonCSI	\$0	\$0				\$0
SGPMA - Rev Req for NEXT Year	\$12	\$7				\$773
Gain/Loss on Sale Memo Acct GLOSMA	\$0	\$0	\$0	\$0	\$0	\$0
Integrated Transmission Margin ITBA	\$32	\$26	\$501	\$528	\$559	\$991
Integrated Transmission Nonmargin ITBA	(\$22)	(\$18)	(\$351)	(\$370)	(\$392)	(\$694)
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0	\$0
CSI Thermal Program memoradum Account	\$62	\$0	\$0	\$0	\$62	\$791
Catastrophic Event Memo. Acct 2007 (CEMA)	\$2	\$1	\$7	\$8	\$11	\$161
Z-Factor Memorandum Account	\$0	\$0	\$0	\$0	\$0	\$0
Total Regulatory Accounts	\$1,536	\$896	\$6,669	\$7,565	\$9,101	\$16,540
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	\$5,691	\$3,359	\$22.238	\$25.596	\$31,287	\$291,700
AVERAGE YEAR THROUGHPUT, Mth/yr	40,463	33,749				1,216,345
Average Rate \$/th	\$0.14064	\$0.09952				\$0.23982
FFU Rate	102.31%	102.31%	102.31%	102.31%	102.31%	102.31%
Sempra Wide & TLS Adjustments::						
Transport Rev Reg w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	\$5,691			¢25 506	\$21 297	\$291,700
	\$J,051			φ20,090		\$253
SW NGV Adjustment						
SW EG Adjustment				(\$713)	(\$713)	(\$713)
TLS Adjustment						
Amount allocated to TLS Class \$000	(\$454)					(\$18,458)
TLS revenue paid by class @ average TLS rate \$000	\$86			\$12,494	\$12,580	\$12,580
	(\$369)					(\$5,877)
Transport Rev Req w/SI, FFU, SW adj, TLS w/o FAR Rev \$000/yr	\$5,322			\$19,374	\$24,696	\$285,363
Rate Tables	\$5,322			\$19,374	\$24,696	\$285,363
difference	\$0			\$0	\$0	\$0
AYTP Mth/yr	40,463			675,916	716,379	1,216,345
Average Rate w/oFAR \$/th	\$0.13153			\$0.02866	\$0.03447	\$0.23461
Rate Tables	\$0.13153			\$0.02866	\$0.03447	\$0.23461
difference	\$0.00000			\$0.00000	\$0.00000	\$0.00000
FAR w/FFU Charge \$000	\$163	\$136	\$2,580	\$2,716	\$2,878	\$4,887
Transport Rev Reg w/SI, FFU, SW adj, TLS, FAR Rev \$000/yr	\$5,485	ψισσ	ψ2,000	\$22,090	\$27,575	\$290,250
Average Rate w/ FAR \$/th	\$0.13555			\$0.03268	\$0.03849	\$0.23862
Effective Allocation %'re						
Effective Allocation %'s:	4 00/	0.00/	7.00/	0.00/	10.00/	100.00/
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	1.6%	0.9%	7.6%	8.6%	10.2%	100.0%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	1.5%	0.9%	4.4%	5.2%	6.7%	100.0%
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	2.0%	1.2%	7.6%	8.8%	10.7%	100.0%
Transport Rev Req w/SI, FFU, SW adj, TLS w/o FAR Rev \$000/yr	1.9%	0.0%	0.0%	6.8%	8.7%	100.0%

## WORKPAPER TITLE SDG&E Current Average Residential Bill WITNESS

Gary Lenart

		Monthly Class
		Average
	SDGEgas Residential - Current Rates:	
1	Customer Charge \$/mo =	\$0.00000
2	BL Rate \$/th =	\$0.63422
3	NBL Rate \$/th =	\$0.78984
4	G-CPC \$/th =	\$0.44982
5	PPPS \$/th =	\$0.07560
6	G-SRF \$/th =	\$0.00068
7		
8	BL Usage limit th/day =	1.0195
9	# days in month =	30.42
10	BL usage limit th/mo =	30.75
11		
12	Total th used th/mo =	33.00
13	BL therms =	29.99
14	NBL therms =	3.01
15		
16	Customer Charge \$/mo =	\$0.00
17	BL charges \$/mo =	\$19.02
18	NBL charge \$/mo =	\$2.38
19	Commodity Charge \$/mo =	\$14.84
20	PPPS charge \$/mo =	\$2.49
21	G-PUC Regulatory Fee \$/mo =	\$0.02
22	PSEP Surcharge \$/mo =	\$0.00
23	Total Charge \$/mo =	\$38.76

Notes:

1) Transport rate as of 1/2011.

2) G-CP rate from 10/2010 Reg. Acct. update

3) PPPS rate from PPPS Workpaper

4) BL usage limits reflect Zone 1

5) G-SRF rate as of 6/2009

6) PSEP Surcharge from Surcharge Workpapers

# WORKPAPER TITLE SDG&E Illustrative 2015 Average Residential Bill WITNESS Gary Lenart

		Monthly Class Average
	SDGEgas Residential - Current Rates:	
1	Customer Charge \$/mo =	\$0.00000
2	BL Rate \$/th =	\$0.63422
3	NBL Rate \$/th =	\$0.78984
4	G-CPC \$/th =	\$0.44982
5	PPPS \$/th =	\$0.07854
6	G-SRF \$/th =	\$0.00068
7		
8	BL Usage limit th/day =	1.0195
9	# days in month =	30.42
10	BL usage limit th/mo =	30.75
11		
12	Total th used th/mo =	33.00
13	BL therms =	29.99
14	NBL therms =	3.01
15		
16	Customer Charge \$/mo =	\$0.00
17	BL charges \$/mo =	\$19.02
18	NBL charge \$/mo =	\$2.38
19	Commodity Charge \$/mo =	\$14.84
20	PPPS charge \$/mo =	\$2.59
21	G-PUC Regulatory Fee \$/mo =	\$0.02
22	PSEP Surcharge \$/mo =	\$2.83
23	Total Charge \$/mo =	\$41.68

## Notes:

1) Transport rate as of 1/2011.

2) G-CP rate from 10/2010 Reg. Acct. update

3) PPPS rate from PPPS Workpaper

4) BL usage limits reflect Zone 1

5) G-SRF rate as of 6/2009

6) PSEP Surcharge from Surcharge Workpapers