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
Г	WITNESS
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1 EPAM Calculation

2
3
4

4		Res	Core C&I	NR A/C	Gas Eng	NGV	NonCore C&I-D	EG-D	TLS	Total	
5	<u>SoCalGas</u>										
6		\$1,267,399	\$236,698	\$75	\$1,481	\$8,029			\$4,961		
7							\$58,202		\$5,020		
8								\$8,812	31,179		
9								\$2,424	\$1,250		
10	SoCalGas Total Authorized Margin	\$1,267,399	\$236,698	\$75	\$1,481	\$8,029	\$58,202	\$11,236	\$42,410	\$1,625,530	•
11											
12	SDG&E										
13		\$192,296	\$28,273	\$0	\$0	\$479					
14							\$3,048		\$265		
15								\$2,532	\$4,711		
16	SDG&E Total Authorized Margin	\$192,296	\$28,273	\$0	\$0	\$479	\$3,048	\$2,532	\$4,976	\$231,603	•
17											
18	Integrated Authorized Margin	\$1,459,695	\$264,971	\$75	\$1,481	\$8,508	\$61,250	\$13,768	\$47,385	\$1,857,133	_
19	Integrated EPAM %	78.6%	14.3%	0.0%	0.1%	0.5%	3.3%	0.7%	2.6%	100.0%	

Current SoCalGas RD Model: Cost Alloc Tab Current SoCalGas RD Model: NCCI Detail Alloc Tab Current SoCalGas RD Model: EG Detail Alloc Tab

Source

Current SDG&E RD Model: Cost Alloc Tab Current SDG&E RD Model: NCCI Detail Alloc Tab Current SDG&E RD Model: EG Detail Alloc Tab

Post SI/FAR EOR Allocation from Lines (23) and (24)

Notes:

Lines (6) through (10) represent post-System Integration (SI)/post-Backbone Transmission Service (BTS) unbundling base margins from current SoCalGas Rate Design Model

Total AM to

Lines (12) through (16) represent post-System Integration/post-BTS 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 surch 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

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

21

26

				EOR
		Total AM to EOR Pre		PostSI/FAR
22		SI & FAR	% D&T Split	at EPAM
23	amount to EOR-D	\$3,448	66.0%	\$2,424
24	amount to EOR-T	\$1,777	34.0%	\$1,250
25		\$5,225	100.0%	\$3,674

Source
Current SoCalGas RD Model: CA Model Tab
Current SoCalGas RD Model: CA Model Tab
Current SoCalGas RD Model: Cost Alloc Tab

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WORKPAPER TITLE			
Calculation of Integrated Allocators			
WITNESS			
Gary Lenart			

	WITNESS				
	Gary Lenart				
1	Integrated AYTP Calculation				
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		<u>-</u>	•		
16		check	0	0	
17					
18	Integrated # of Customers C	alculation			
19					
20		A	В	С	D = B + C
21					
22			SoCalGas	SDG&E	Integrated
23		Res	5,455,350	832,050	6,287,401
24		Core C&I	215,286	29,831	245,117
25		NR A/C	16	0	16
26		Gas Eng	845	0	845
27		NGV	273	40	313
28		NonCore C&I D	670	60	730
29		EG D	180	65	245
30		TLS	111	17	127
31		Total	5,672,731	862,064	6,534,795
32			-,,,.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
33		check	0	0	

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 surc 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

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WORKPAPER TITLE

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												
3	less FF&U												
4	SoCalGas (w/o FF&U)	\$0.00	\$63.02	\$98.55	\$179.21	\$242.51	\$229.89	\$261.70	\$291.41	\$320.23	\$344.41	\$369.42	\$389.81
5													
6	SDG&E Rev Req												
7	less FF&U												
8	SDG&E (w/o FF&U)	\$0.00	\$1.24	\$5.07	\$23.98	\$30.03	\$43.14	\$62.97	\$81.79	\$114.17	\$98.05	\$96.53	\$93.86
9	Total PSEP Revenue Requirement (w/o FF&U)	\$0.00	\$64.26	\$103.61	\$203.18	\$272.54	\$273.04	\$324.67	\$373.20	\$434.40	\$442.46	\$465.95	\$483.67
10													
11	Integrated EPAI	<u>/</u> 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
12	Res 78.6%	\$0.00	\$50.51	\$81.44	\$159.70	\$214.22	\$214.61	\$255.19	\$293.33	\$341.44	\$347.77	\$366.24	\$380.16
13	CCI 14.3%	\$0.00	\$9.17	\$14.78	\$28.99	\$38.89	\$38.96	\$46.32	\$53.25	\$61.98	\$63.13	\$66.48	\$69.01
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	\$0.08	\$0.16	\$0.22	\$0.22	\$0.26	\$0.30	\$0.35	\$0.35	\$0.37	\$0.39
16	NGV 0.5%	\$0.00	\$0.29	\$0.47	\$0.93	\$1.25	\$1.25	\$1.49	\$1.71	\$1.99	\$2.03	\$2.13	\$2.22
17	NCCI - D 3.3%	\$0.00	\$2.12	\$3.42	\$6.70	\$8.99	\$9.01	\$10.71	\$12.31	\$14.33	\$14.59	\$15.37	\$15.95
18	EG - D 0.7%	\$0.00	\$0.48	\$0.77	\$1.51	\$2.02	\$2.02	\$2.41	\$2.77	\$3.22	\$3.28	\$3.45	\$3.59
19	TLS 2.6%	\$0.00	\$1.64	\$2.64	\$5.18	\$6.95	\$6.97	\$8.28	\$9.52	\$11.08	\$11.29	\$11.89	\$12.34
20	Total Allocated PSEP Costs	\$0.00	\$64.26	\$103.61	\$203.18	\$272.54	\$273.04	\$324.67	\$373.20	\$434.40	\$442.46	\$465.95	\$483.67
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

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WORKPAPER TITLE

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	\$50.51	\$81.44	\$159.70	\$214.22	\$214.61	\$255.19	\$293.33	\$341.44	\$347.77	\$366.24	\$380.16
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	\$0.67	\$1.08	\$2.12	\$2.84	\$2.84	\$3.38	\$3.89	\$4.53	\$4.61	\$4.85	\$5.04
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	\$0.68	\$1.10	\$2.15	\$2.89	\$2.89	\$3.44	\$3.95	\$4.60	\$4.69	\$4.94	\$5.13
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	\$0.68	\$1.10	\$2.17	\$2.90	\$2.91	\$3.46	\$3.98	\$4.63	\$4.72	\$4.97	\$5.16
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	\$0.68	\$1.10	\$2.16	\$2.89	\$2.90	\$3.44	\$3.96	\$4.61	\$4.69	\$4.94	\$5.13

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))

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WORKPAPER TITLE

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	\$0.059	\$0.061
4	Gas A/C	1,210	\$0.000	\$0.002	\$0.003	\$0.007	\$0.009	\$0.009	\$0.011	\$0.012	\$0.014	\$0.015	\$0.016	\$0.016
5	Gas Engine	18,080	\$0.000	\$0.003	\$0.005	\$0.009	\$0.012	\$0.012	\$0.014	\$0.016	\$0.019	\$0.020	\$0.021	\$0.021
6	NGV	132,469	\$0.000	\$0.002	\$0.004	\$0.007	\$0.009	\$0.009	\$0.011	\$0.013	\$0.015	\$0.015	\$0.016	\$0.017
7	NCCI - D	1,019,735	\$0.000	\$0.002	\$0.003	\$0.007	\$0.009	\$0.009	\$0.011	\$0.012	\$0.014	\$0.014	\$0.015	\$0.016
8	ED - D	614,397	\$0.000	\$0.001	\$0.001	\$0.002	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.006	\$0.006
9	TLS	3,874,515	\$0.000	\$0.000	\$0.001	\$0.001	\$0.002	\$0.002	\$0.002	\$0.002	\$0.003	\$0.003	\$0.003	\$0.003
10														
11	SoCalGas Rates (w/ FFU)	<u>FF&U</u>												
12	CCI	101.73%	\$0.000	\$0.008	\$0.013	\$0.026	\$0.035	\$0.035	\$0.042	\$0.048	\$0.056	\$0.057	\$0.060	\$0.062
13	Gas A/C	101.73%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.009	\$0.009	\$0.011	\$0.013	\$0.015	\$0.015	\$0.016	\$0.016
14	Gas Engine	101.73%	\$0.000	\$0.003	\$0.005	\$0.009	\$0.012	\$0.012	\$0.015	\$0.017	\$0.019	\$0.020	\$0.021	\$0.022
15	NGV	101.73%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.011	\$0.013	\$0.015	\$0.016	\$0.016	\$0.017
16	NCCI - D	101.73%	\$0.000	\$0.002	\$0.003	\$0.007	\$0.009	\$0.009	\$0.011	\$0.012	\$0.014	\$0.015	\$0.015	\$0.016
17	ED - D	101.73%	\$0.000	\$0.001	\$0.001	\$0.002	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.006	\$0.006
18	TLS (Non-Wholesale)	101.73%	\$0.000	\$0.000	\$0.001	\$0.001	\$0.002	\$0.002	\$0.002	\$0.003	\$0.003	\$0.003	\$0.003	\$0.003
19	TLS (Wholesale)	101.48%	\$0.000	\$0.000	\$0.001	\$0.001	\$0.002	\$0.002	\$0.002	\$0.002	\$0.003	\$0.003	\$0.003	\$0.003
20														
21	SDG&E Rates (W/ FFU and FFD)	<u>FF&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	\$0.063
23	NGV	102.31%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.011	\$0.013	\$0.015	\$0.016	\$0.016	\$0.017
24	NCCI - D	102.31%	\$0.000	\$0.002	\$0.003	\$0.007	\$0.009	\$0.009	\$0.011	\$0.012	\$0.014	\$0.015	\$0.015	\$0.016
25	ED - D	102.31%	\$0.000	\$0.001	\$0.001	\$0.003	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.006	\$0.006
26	TLS	102.31%	\$0.000	\$0.000	\$0.001	\$0.001	\$0.002	\$0.002	\$0.002	\$0.003	\$0.003	\$0.003	\$0.003	\$0.003
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	\$0.042	\$0.048	\$0.056	\$0.057	\$0.060	\$0.062
30	NGV	0.47%	\$0.000	\$0.002	\$0.004	\$0.007	\$0.010	\$0.010	\$0.011	\$0.013	\$0.015	\$0.016	\$0.016	\$0.017
31	NCCI - D	0.00%	\$0.000	\$0.002	\$0.003	\$0.007	\$0.009	\$0.009	\$0.011	\$0.012	\$0.014	\$0.015	\$0.015	\$0.016
32	ED - D	0.00%	\$0.000	\$0.001	\$0.001	\$0.003	\$0.003	\$0.003	\$0.004	\$0.005	\$0.005	\$0.005	\$0.006	\$0.006
33	TLS	0.00%	\$0.000	\$0.000	\$0.001	\$0.001	\$0.002	\$0.002	\$0.002	\$0.003	\$0.003	\$0.003	\$0.003	\$0.003

Notes:

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

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

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WORKPAPER TITLE

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	\$0.68	\$1.10	\$2.15	\$2.89	\$2.89	\$3.44	\$3.95	\$4.60	\$4.69	\$4.94	\$5.13
5	less 20%	\$0.00	(\$0.14)	(\$0.22)	(\$0.43)	(\$0.58)	(\$0.58)	(\$0.69)	(\$0.79)	(\$0.92)	(\$0.94)	(\$0.99)	(\$1.03)
6	SoCalGas CARE PSEP Surcharge - \$/mo	\$0.00	\$0.54	\$0.88	\$1.72	\$2.31	\$2.31	\$2.75	\$3.16	\$3.68	\$3.75	\$3.95	\$4.10
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	\$2.79	\$4.50	\$8.83	\$11.84	\$11.87	\$14.11	\$16.22	\$18.88	\$19.23	\$20.25	\$21.02
9													
10													
11	SoCalGas PPPS Rates - \$/th												
12	Residential	\$0.07687	\$0.07752	\$0.07793	\$0.07895	\$0.07966	\$0.07966	\$0.08019	\$0.08069	\$0.08131	\$0.08139	\$0.08163	\$0.08182
13	Core Commercial/Industrial	\$0.06809	\$0.06875	\$0.06915	\$0.07017	\$0.07088	\$0.07089	\$0.07141	\$0.07191	\$0.07254	\$0.07262	\$0.07286	\$0.07304
14	NGV	\$0.03076	\$0.03141	\$0.03182	\$0.03284	\$0.03354	\$0.03355	\$0.03408	\$0.03457	\$0.03520	\$0.03528	\$0.03552	\$0.03570
15	Noncore C/I	\$0.03476	\$0.03542	\$0.03582	\$0.03684	\$0.03755	\$0.03756	\$0.03808	\$0.03858	\$0.03921	\$0.03929	\$0.03953	\$0.03971
16													
17													
18	SDG&E CARE Rates												
19	SDG&E PSEP Surcharge	\$0.00	\$0.68	\$1.10	\$2.16	\$2.89	\$2.90	\$3.44	\$3.96	\$4.61	\$4.69	\$4.94	\$5.13
20	less 20%	\$0.00	(\$0.14)	(\$0.22)	(\$0.43)	(\$0.58)	(\$0.58)	(\$0.69)	(\$0.79)	(\$0.92)	(\$0.94)	(\$0.99)	(\$1.03)
21	SDG&E CARE PSEP Surcharge - \$/mo	\$0.00	\$0.55	\$0.88	\$1.72	\$2.31	\$2.32	\$2.76	\$3.17	\$3.69	\$3.76	\$3.95	\$4.11
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	\$0.54	\$1.05	\$1.41	\$1.42	\$1.68	\$1.93	\$2.25	\$2.29	\$2.42	\$2.51
24													
25	SDG&E PPPS Rates - \$/th												
26	Residential	\$0.07560	\$0.07631	\$0.07674	\$0.07784	\$0.07861	\$0.07861	\$0.07918	\$0.07972	\$0.08040	\$0.08048	\$0.08074	\$0.08094
27	Core Commercial/Industrial	\$0.12037	\$0.12108	\$0.12152	\$0.12262	\$0.12338	\$0.12339	\$0.12396	\$0.12450	\$0.12517	\$0.12526	\$0.12552	\$0.12572
28	NGV	\$0.03193	\$0.03264	\$0.03307	\$0.03417	\$0.03494	\$0.03494	\$0.03551	\$0.03605	\$0.03673	\$0.03682	\$0.03708	\$0.03727
29	Noncore C/I	\$0.11412	\$0.11483	\$0.11527	\$0.11637	\$0.11713	\$0.11714	\$0.11771	\$0.11825	\$0.11892	\$0.11901	\$0.11927	\$0.11947

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 Mode.

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

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

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WORKPAPER TITLE SoCalGas Class-Average Rate Table WITNESS Gary Lenart

Natural Gas Transportation Rate Revenues <u>Southern California Gas Company</u> PSEP Rates

2011 SCG RD Model

				11 SCG RD Mo						
			esent Rates			osed Rates			anges	
		Oct-1-11	Proposed	Oct-1-11	Jan-1-15	Proposed	Jan-1-15	Revenue	Rate	% Rate
		Volumes	Rate	Revenues	Volumes	Rate	Revenues	Change	Change	change
		Mth	\$/therm	\$000's	Mth	\$/therm	\$000's	\$000's	\$/therm	%
		D	E	F	D	E	F	G	H	I
1	CORE									
2	Residential	2,483,989	\$0.52526	\$1,304,738	2,483,989	\$0.52526	\$1,304,738	\$0	\$0.00000	0.0%
3	Commercial & Industrial	970,519	\$0.30528	\$296,278	970,519	\$0.30528	\$296,278	\$0	\$0.00000	0.0%
4										
5	NGV - Pre SempraWide	117,231	\$0.08210	\$9,624	117,231	\$0.08210	\$9,624	\$0	\$0.00000	0.0%
6	SempraWide Adjustment	117,231	(\$0.00217)	(\$254)	117,231	(\$0.00217)	(\$254)	\$0	\$0.00000	0.0%
7	NGV - Post SempraWide	117,231	\$0.07993	\$9,370	117,231	\$0.07993	\$9,370	\$0	\$0.00000	0.0%
8	100 Tool benipraviae	117,201	40.07550	47,070	117,201	ψο.ο.	45,070	Ψ0	40.00000	0.070
9	Gas A/C	1,210	\$0.07512	\$91	1,210	\$0.07512	\$91	\$0	\$0.00000	0.0%
10	Gas Engine	18,080	\$0.09605	\$1,737	18,080	\$0.09605	\$1,737	\$0	\$0.00000	0.0%
11	Total Core	3,591,030	\$0.09803	\$1,612,213	3,591,030	\$0.09605	\$1,612,213	\$0	\$0.00000	0.0%
	Total Cole	3,391,030	\$0.44696	\$1,612,213	3,391,030	\$0.44696	\$1,612,213	3 0	\$0.00000	0.0 /6
12	NONCORE COMMERCIAL & INDUCTRIAL									
13	NONCORE COMMERCIAL & INDUSTRIAL	000 465	#0.0< F2 C	064144	002.465	#0.04 F3 C	064144	r.o.	#0.0000C	0.00/
14	Distribution Level Service	982,465	\$0.06529	\$64,144	982,465	\$0.06529	\$64,144	\$0	\$0.00000	0.0%
15	Transmission Level Service (2)	457,697	\$0.01589	\$7,273	457,697	\$0.01589	\$7,273	\$0	\$0.00000	0.0%
16	Total Noncore C&I	1,440,163	\$0.04959	\$71,417	1,440,163	\$0.04959	\$71,417	\$0	\$0.00000	0.0%
17										
18	NONCORE ELECTRIC GENERATION									
19	Distribution Level Service									
20	Pre Sempra Wide	353,995	\$0.02779	\$9,836	353,995	\$0.02779	\$9,836	\$0	\$0.00000	0.0%
21	Sempra Wide Adjustment	353,995	\$0.00191	\$677	353,995	\$0.00191	\$677	\$0	\$0.00000	0.0%
22	Distribution Level Post Sempra Wide	353,995	\$0.02970	\$10,513	353,995	\$0.02970	\$10,513	\$0	\$0.00000	0.0%
23	Transmission Level Service (2)	2,472,969	\$0.01589	\$39,296	2,472,969	\$0.01589	\$39,296	\$0	\$0.00000	0.0%
24	Total Electric Generation	2,826,964	\$0.01762	\$49,809	2,826,964	\$0.01762	\$49,809	\$0	\$0.00000	0.0%
25										
26	TOTAL RETAIL NONCORE	4,267,127	\$0.02841	\$121,226	4,267,127	\$0.02841	\$121,226	\$0	\$0.00000	0.0%
27					, , ,				,	
28	WHOLESALE & INTERNATIONAL									
29	Wholesale Long Beach (2)	117,093	\$0.01589	\$1,861	117,093	\$0.01589	\$1,861	\$0	\$0.00000	0.0%
30	SDGE Wholesale	1,230,285	\$0.01369	\$9,572	1,230,285	\$0.01389	\$9,572	\$0	\$0.00000	0.0%
31	Wholesale SWG (2)	81,737	\$0.01589	\$1,299	81,737	\$0.01589	\$1,299	\$0	\$0.00000	0.0%
32	Wholesale Vernon (2)	116,135	\$0.01589	\$1,845	116,135	\$0.01589	\$1,845	\$0	\$0.00000	0.0%
33	International (2)	53,990	\$0.01589	\$858	53,990	\$0.01589	\$858	\$0	\$0.00000	0.0%
34	Total Wholesale & International & SDGE	1,599,240	\$0.00965	\$15,434	1,599,240	\$0.00965	\$15,434	\$0	\$0.00000	0.0%
35										
36	TOTAL NONCORE	5,866,366	\$0.02330	\$136,660	5,866,366	\$0.02330	\$136,660	\$0	\$0.00000	0.0%
37										
38	Unbundled Storage			\$26,470			\$26,470	\$0		
39										
40	Total (excluding FAR)	9,457,396	\$0.18772	\$1,775,344	9,457,396	\$0.18772	\$1,775,344	\$0	\$0.00000	0.0%
41										
42	BTS Amount (3) \$/dth/day	3,100	\$0.10955	\$123,952	3,100	\$0.10955	\$123,952	\$0	\$0.00000	0.0%
43	SYSTEM TOTALw/SI,FAR,TLS,SW	9,457,396	\$0.20083	\$1,899,296	9,457,396	\$0.20083	\$1,899,296	\$0	\$0.00000	0.0%
44		.,,		,,	,,,		,,			
	EOP Povenues	156 197	£0.02204	¢2 E00	154 107	¢0.02204	¢2 E00	\$0	¢0.00000	0.0%
45	EOR Revenues	156,187	\$0.02304	\$3,599	156,187	\$0.02304	\$3,599	ÞU	\$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 BTS rate is for service from Receipt Point to Citygate.

2) These Transmission Level Service "TLS" amounts represent the average transmission rate.

3) BTS charge is as a separate rate. Core will pay through procurement rate, noncore as a separate charge.

Whole Sale & International (excl SDGE)	368,955	\$0.01589	\$5,863	368,955	\$0.01589	\$5,863	\$0	\$0.00000	0.0%

WORKPAPER TITLE 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:	Ves	COIS COI	NIN A/C	Gas Elly	1131	i otal core
Customer Related Costs	\$607,933	\$77,465	\$45	\$894	\$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	\$30,960	\$11,570	\$14	\$206	\$1,333	\$44,081
Local Transmission Costs	\$24,463	\$6,721	\$4	\$50	\$579	\$31,818
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 \$0	\$4	\$20	\$4,898
NGV compression adder	\$0	\$0	\$0 \$0	\$0	\$1,380	\$1,380
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$1,290,855	\$246,206	\$87	\$1,671	\$9,184	\$1,548,004
Less Backbone Transmission Costs	(\$30,960)	(\$11,570)	(\$14)	(\$206)	(\$1,333)	(\$44,081)
Less Local Transmission Costs	(\$24,463)	(\$6,721)	(\$4)	(\$50)	(\$579)	(\$31,818)
	(\$24,403)	(\$0,721)	(44)	(\$30)	(4373)	(ψ51,010)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	\$31,967	\$8,782	\$6	\$65	\$757	\$41,577
Plus Local Transmission Costs w/SI, FFU	ψ51,907	ψ0,702	ΨΟ	φυσ	ΨΙΟΙ	ψ+1,577
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$1,267,399	\$236,698	\$75	\$1,481	\$8,029	\$1,513,682
Total Amounted Sade mangin' poor of, poor FARC on burning, military	· , · , · ,			.,-	V-7	· / · · · / · ·
Other Operating Costs and Revenues						
n/a	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0
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	\$0
Well Incidents & Surface Leaks	\$63	\$25	\$0	\$0	\$3	\$91
Subtotal Other Operating Costs and Revenues	\$20,264	\$7,917	\$1 0	\$1 47	\$956	\$29,296
Transition Costs						
n/a	\$0	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts						
Affiliate Transfer Fee Account (ATFA)	(\$129)	(\$24)	(\$0)	(\$0)	(\$1)	(\$154)
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
Core Fixed Cost Account (CFCA)	\$11,277	\$4,406	\$ 5	\$82	\$532	\$16,303
On-Bill Financing Balancing Account (OBFBA)	\$791	\$148	\$0	\$1	\$5	\$945
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	\$0
Enhanced Oil Recovery Account (EORA)	\$1,777	\$332	\$0	\$2	\$11	\$2,123
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$1,576	\$616	\$0 \$1	\$11	\$74	\$2,279
Interim Call Center Memorandum Account (ICCMA)	\$1,576 \$0	\$0 \$0	\$0	\$0	\$74 \$0	\$2,279 \$0
michin dan denter Memorandum Account (100MA)	φυ	ΨΟ	ΨΟ	ΨΟ	ΨU	ΨU

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WORKPAPER TITLE	
SoCalGas Core Cost Allocation	
WITNESS	
Gary Lenart	

Gary Lenan						
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)	\$51,055	\$9,535	\$3	\$60	\$323	\$60,976
PBOP Balancing Account (PBOPBA)	(\$8,176)	(\$1,527)	(\$0)	(\$10)	(\$52)	(\$9,765)
Research Development and Demonstration Expense Account (RDDEA)	(\$1,586)	(\$296)	(\$0)	(\$2)	(\$10)	(\$1,895)
Research Royalty Memorandum Account (RRMA)	(\$1,103)	(\$206)	(\$0)	(\$1)	(\$7)	(\$1,318)
Self-Generation Program Memorandum Account (SGPMA)	\$2,137	\$835	\$1	\$16	\$101	\$3,090
Rewards & Penalties Balancing Account (RPBA)	\$7,722	\$1,442	\$0	\$9	\$49	\$9,222
Total Regulatory Accounts	\$56,771	\$11,579	\$6	\$108	\$636	\$69,100
. Jan	ψου,ττ	Ψ. 1,515	Ų.	ψ.00	\$330	ψου, 100
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	(\$40,023)	\$40,023	\$0	\$0	\$0	\$0
Transport Rev Reg before EOR & G-EN CAP adjustments \$000	\$1,304,412	\$296,217	\$91	\$1,736	\$9,622	\$1,612,078
EOR Revenue allocated to Other Classes \$000	(\$2,798)	(\$523)	(\$0)	(\$3)	(\$18)	(\$3,342)
EOR Costs allocated to Other Classes \$000	\$3,125	\$584	\$0	\$4	\$20	\$3,733
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	\$1,304,739	\$296,278	\$91	\$1,737	\$9,624	\$1,612,469
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	2,483,989	970,519	1,210	18,080	117.231	3,591,030
· · · · · · · · · · · · · · · · · · ·	\$0.52526	\$0.30528	\$0.07512	\$0.09605	\$0.08210	\$0.44903
Average Rate w/oFAR \$/th FFU Rate	101.73%	101.73%	101.73%	101.73%	101.73%	φυ.44903
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030
AVEICAGE TEAR THROUGHT OF WILDIX, MILITY	2,403,303	970,519	1,210	10,000	117,231	3,391,030
Sempra Wide & TLS Adjustments::						
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,304,739	\$296,278	\$91	\$1,737	\$9,624	\$1,612,469
SW NGV Adjustment	Ψ1,304,733	Ψ230,270	ΨΟΙ	ψ1,737	(\$254)	(\$254)
SW EG Adjustment					(Ψ2J4)	\$0
SW LO Adjustifierit						ΨΟ
TLC Adjustment						
TLS Adjustment						ΦO
Amount allocated to TLS Class \$000						\$0 ©0
TLS revenue paid by class @ average TLS rate \$000		C	C O		<u> </u>	\$0
Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$0 \$1 204 720	\$0 \$296.278	\$0 *01	\$0 \$1.727	\$0 \$9,370	\$0 \$1,612,215
	\$1,304,739	, .	\$91	\$1,737		\$1,612,215
Rate Tables	\$1,304,738	\$296,278	\$91 ©0	\$1,737	\$9,370	\$1,612,213
difference	\$2	\$0	\$0	\$0	\$0	\$2
AV/TD MILL	0.400.000	070 540	4.040	10.000	447.004	0.504.000
AYTP Mth/yr	2,483,989	970,519	1,210	18,080	117,231	3,591,030
Average Rate w/oFAR \$/th	\$0.52526	\$0.30528	\$0.07512	\$0.09605	\$0.07993	\$0.44896
Rate Tables	\$0.52526	\$0.30528	\$0.07512	\$0.09605	\$0.07993	\$0.44896
difference	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
FAD/FFLL Charac \$000	004400	£40.740	0.4.5	Ф000	04 400	£40.550
FAR W/FFU Charge \$000	\$34,100	\$12,743	\$15 \$106	\$226	\$1,468	\$48,553
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$1,338,840	\$309,021	\$106	\$1,963	\$10,838	\$1,660,768
Average Rate w/ FAR \$/th	\$0.53899	\$0.31841	\$0.08764	\$0.10857	\$0.09245	\$0.46248
Rate Tables						
difference						
Fifted a Allegarian Mile						
Effective Allocation %'s:		40				
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	73.1%	13.9%	0.0%	0.1%	0.5%	87.7%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	76.3%	14.3%	0.0%	0.1%	0.5%	91.2%
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	73.7%	16.7%	0.0%	0.1%	0.5%	91.1%
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	73.5%	16.7%	0.0%	0.1%	0.5%	90.8%

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WORKPAPER TITLE SoCalGas Retail Noncore Cost Allocation WITNESS Gary Lenart

	Non Core				Total Retail
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 \$1,046	\$911 \$10.658	\$36	\$23,266
High Pressure Distribution Costs	\$20,438	\$1,046	\$10,658	\$1,597	\$33,739
Backbone Transmission Costs	\$16,423	\$866	\$31,270 \$44,073	\$1,775	\$50,335
Local Transmission Costs	\$7,584 \$0	\$350 \$0	\$11,973 \$0	\$732 \$0	\$20,639 \$0
Storage - Seasonal 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
Uncollectibles	\$246	\$26	\$182	\$0	\$454
NGV compression adder	\$0	\$0	\$0	\$0	\$0
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$77,319	\$10,071	\$58,277	\$5,225	\$150,892
Less Backbone Transmission Costs	(\$16,423)	(\$866)	(\$31,270)	(\$1,775)	(\$50,335)
Less Local Transmission Costs	(\$7,584)	(\$350)	(\$11,973)	(\$732)	(\$20,639)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR					
Plus Local Transmission Costs w/SI, FFU	\$9,911	\$457	\$15,645	\$956	\$26,969
		42.2/2	****	44.47.	44
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$63,222	\$9,312	\$30,679	\$3,674	\$106,887
Other Operating Costs and Revenues	* 0	¢o.	ФО.	40	P O
n/a n/a	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
n/a	\$0	\$0 \$0	\$0 \$0	\$0	\$0
Company Use Gas: Other	\$290	\$15	\$553	\$31	\$889
Company Use Gas: Storage Load Balancing	\$246	\$13	\$469	\$27	\$755
n/a	\$0	\$0	\$0	\$0	\$0
Exchange Revenues & Interutility Transactions	\$3	\$0	\$6	\$0	\$10
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$2,721	\$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	\$3,297	\$174	\$6,297	\$348	\$10,115
Transition Costs	C O	ro.	ФО.	60	P O
n/a MDC Transition Cost Adjustment	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
MPO Transition Cost Adjustment Pitco/Popco Transition Costs	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts					
Affiliate Transfer Fee Account (ATFA)	(\$6)	(\$1)	(\$3)	\$0	(\$11)
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)	\$39	\$6	\$19	\$0	\$64
	\$213	\$0	\$0	\$0	\$213
		\$0	\$0	\$0	\$0
California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0				
California Solar Iniative Thermal Memorandum Account (CSITPMA) Enhanced Oil Recovery Account (EORA)	\$118	\$17	\$57	\$0	\$192
California Solar Iniative Thermal Memorandum Account (CSITPMA) Enhanced Oil Recovery Account (EORA) n/a	\$118 \$0	\$0	\$0	\$0	\$0
Economic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA) Enhanced Oil Recovery Account (EORA) n/a Hazardous Substance Cost-Recovery Account (HSCRA) Interim Call Center Memorandum Account (ICCMA)	\$118				

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WORKPAPER TITLE SoCalGas Retail Noncore Cost Allocation WITNESS

Gary Lenart

COST COMPONENTS \$000's	Non Core C&I	EG Tier 1	EG Tier 2	EOR	Total Retai
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	\$2,982	\$439	\$1,447	\$0	\$4,868
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)	\$2,547	\$375	\$1,236	\$0	\$4,158
PBOP Balancing Account (PBOPBA)	(\$408)	(\$60)	(\$198)	\$0	(\$666)
Research Development and Demonstration Expense Account (RDDEA)	(\$79)	(\$12)	(\$38)	\$0	(\$129)
Research Royalty Memorandum Account (RRMA)	(\$55)	(\$8)	(\$27)	\$0 \$0	(\$90)
Self-Generation Program Memorandum Account (SGPMA)	\$1,239	\$66	\$2,367	\$0 \$0	\$3,672
Rewards & Penalties Balancing Account (RPBA)	\$385	\$57	\$187	\$0 \$0	\$629
Total Regulatory Accounts	\$3,462	\$693	(\$1,664)	(\$2)	\$2,489
	φ3,402	φ033	(\$1,004)	(ΨΖ)	φ2,409
Core Interstate Pipeline Demand Charges (IPDC) Core Averaging	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
Transport Rev Reg before EOR & G-EN CAP adjustments \$000	\$69,981	\$10,180	\$35,311	\$4,020	\$119,491
EOR Revenue allocated to Other Classes \$000	(\$140)	(\$21)	(\$68)	* ,	(\$228)
EOR Costs allocated to Other Classes \$000	\$156	\$23	\$76	(\$4,020)	(\$3,765)
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	\$69,997	\$10,182	\$35,319	\$0	\$115,498
AVERAGE YEAR THROUGHPUT w/o EOR, Mth/yr	1,440,163	76,202	2,750,762		4,267,127
Average Rate w/oFAR \$/th	\$0.04860	\$0.13362	\$0.01284	\$0.00000	\$0.02707
FFU Rate	101.73%	101.73%	101.73%	100.00%	ψ0.02707
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	1,440,163	76,202	2,750,762	156,187	4,423,313
Sempra Wide & TLS Adjustments:: Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr SW NGV Adjustment SW EG Adjustment	\$69,997		\$45,501 \$677		\$115,498 \$0 \$677
TLS Adjustment					
Amount allocated to TLS Class \$000	(\$5,853)		(\$35,665)		(\$41,518)
TLS revenue paid by class @ average TLS rate \$000	\$7,273		\$39,296		\$46,568
TEO Teveride paid by class & average TEO Tale \$000	\$1,420		\$3,630		\$5.050
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$71,417		\$49,809		\$121,226
Rate Tables	\$71,417		\$49,809		\$121,226
difference	\$71,417 \$0		\$49,809 \$0		\$121,220 \$0
AYTP Mth/vr	1,440,163		2,826,964		4,267,127
Average Rate w/oFAR \$/th	\$0.04959		\$0.01762		\$0.02841
Rate Tables	\$0.04959		\$0.01762		\$0.02841
difference	\$0.00000		\$0.00000		\$0.02047
FAR w/FFU Charge \$000	\$18,089	\$954	\$34,442	\$1,956	\$55,441
Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$89,507	\$954	\$84,251	\$1,956	\$176,667
Average Rate w/ FAR \$/th	\$0.06215	\$0.01252	\$0.03063	* ,	\$0.04140
Rate Tables	ψ0.00210	ψ0.01202	ψο.σσσσσ		ψ0.0-11-0
difference					
Effective Allocation %'s:					
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	4.4%	0.6%	3.3%	0.3%	8.5%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	3.8%	0.6%	1.8%	0.2%	6.4%
Transport Rev Reg w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	4.0%	0.6%	2.0%	0.0%	6.5%
Transport Rev Reg w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr					

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WORKPAPER TITLE

SoCalGas Wholesale Cost Allocation
WITNESS

Gary Lenart

					Total
COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	Whole sale
Base Margin Costs:			***	0	0010
Customer Related Costs	\$130	\$124	\$250	\$115	\$619
Medium Pressure Distribution Costs	\$0	\$0	\$0	\$0	\$0 \$0
High Pressure Distribution Costs	\$0	\$0	\$0	\$0	\$0
Backbone Transmission Costs	\$1,406	\$14,594	\$953	\$1,320	\$18,272
Local Transmission Costs	\$803	\$8,346	\$575	\$572	\$10,296
Storage - Seasonal	\$0	\$6,358	\$0	\$0	\$6,358
Storage - Load Balancing	\$136	\$1,427	\$95	\$135	\$1,792
Storage - TBS	\$0 \$2.45	\$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	\$2,790	\$31,163	\$2,187	\$2,457	\$38,598
Less Backbone Transmission Costs	(\$1,406)	(\$14,594)	(\$953)	(\$1,320)	(\$18,272)
Less Local Transmission Costs	(\$803)	(\$8,346)	(\$575)	(\$572)	(\$10,296)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR					_
Plus Local Transmission Costs w/SI, FFU	\$1,050	\$0	\$751	\$748	\$2,549
Total Allocated Pace Margin, pack St. pack EAR Habitadle and EEU	\$1,631	\$8,224	\$1,411	\$1,313	\$12,578
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	Ψ1,001	ψ0,224	Ψ1,-11	Ψ1,515	Ψ12,310
Other Operating Costs and Revenues	60	\$0	\$0	\$0	\$0
n/a	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0
n/a		\$0 \$0	•		
n/a	\$0 ****		\$0 \$4.6	\$0 \$00	\$0 \$240
Company Use Gas: Other	\$23	\$247	\$16	\$23	\$310 \$304
Company Use Gas: Storage Load Balancing	\$20	\$210	\$14	\$20	\$264
n/a	\$0	\$ 0	\$0 \$0	\$ 0	\$ 0
Exchange Revenues & Interutility Transactions	\$0	\$3	\$0 \$0	\$ 0	\$4
Fuel Cell Equipment Revenues	\$0	\$ 0	\$0 \$0	\$ 0	\$ 0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$221	\$2,319	\$154	\$219	\$2,913
n/a	\$0	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$3	\$31	\$2	\$3	\$39
Subtotal Other Operating Costs and Revenues	\$267	\$2,810	\$187	\$265	\$3,529
Transition Costs					
n/a	\$0	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0	\$0
Pitco/Popco Transition Costs	\$0	\$0	\$0	\$0	\$0
total Transition Costs	\$0	\$0	\$0	\$0	\$0
Regulatory Accounts					
Affiliate Transfer Fee Account (ATFA)	(\$0)	(\$1)	(\$0)	(\$0)	(\$1)
Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0	\$0	\$0	\$0	\$0
FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0	\$0	\$0	\$0	\$0
General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0	\$0	\$0	\$0	\$0
Firm Access & Storage Rights Memorandum Account (FARSMA)	\$37	\$386	\$26	\$36	\$485
California Solar 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)	\$1	\$5	\$1	\$1	\$8
Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0	\$0	\$0	\$0	\$0
California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0	\$0	\$0	\$0	\$0
Enhanced Oil Recovery Account (EORA)	\$3	\$15	\$3	\$2	\$23
n/a	\$0	\$0	\$0	\$0	\$0
Hazardous Substance Cost-Recovery Account (HSCRA)	\$74	\$779	\$52	\$74	\$978
Interim Call Center Memorandum Account (ICCMA)	\$0	\$0	\$0	\$0	\$0
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WORKPAPER TITLE
SoCalGas Wholesale Cost Allocation
WITNESS
Gary Lenart

					Total
COST COMPONENTS \$000's	Long Beach	SDG&E	Sout West Gas	Vernon	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	\$77	\$387	\$66	\$62	\$592
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)	\$66	\$330	\$57	\$53	\$505
PBOP Balancing Account (PBOPBA)	(\$10)	(\$53)	(\$9)	(\$8)	(\$81)
Research Development and Demonstration Expense Account (RDDEA)	(\$2)	(\$10)	(\$2)	(\$2)	(\$16)
Research Royalty Memorandum Account (RRMA)	(\$1)	(\$7)	(\$1)	(\$1)	(\$11)
Self-Generation Program Memorandum Account (SGPMA)	\$101	\$1,056	\$70	\$100	\$1,327
Rewards & Penalties Balancing Account (RPBA)	\$10	\$50	\$9	\$8	\$76
Total Regulatory Accounts	(\$41)	(\$1,464)	(\$5)	(\$69)	(\$1,579)
Core Interstate Pipeline Demand Charges (IPDC)	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0
Transport Rev Reg before EOR & G-EN CAP adjustments \$000	\$1,857	\$9,570	\$1,592	\$1,509	\$14,528
EOR Revenue allocated to Other Classes \$000	(\$4)	(\$18)	(\$3)	(\$3)	(\$28)
EOR Costs allocated to Other Classes \$000	\$4	\$20	\$3	\$3	\$31
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	\$1,857	\$9,572	\$1,593	\$1,510	\$14,532
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	\$0.01586	\$0.00778	\$0.01949	\$0.01300	\$0.00940
FFU Rate	101.48%	101.48%	101.48%	101.48%	ψ0.00940
AVERAGE YEAR THROUGHPUT w/EOR, Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Compre Mide 9 TI C Adinatmenton					
Sempra Wide & TLS Adjustments::	04.057	00.570	04.500	04.540	044500
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	\$1,857	\$9,572	\$1,593	\$1,510	\$14,532
SW NGV Adjustment					\$0
SW EG Adjustment					\$0
TLS Adjustment					
Amount allocated to TLS Class \$000	(\$1,857)		(\$1,593)	(\$1,510)	(\$4,960)
TLS revenue paid by class @ average TLS rate \$000	\$1,861		\$1,299	\$1,845	\$5,005
	\$3	\$0	(\$294)	\$336	\$45
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	\$1,861	\$9,572	\$1,299	\$1,845	\$14,576
Rate Tables	\$1,861	\$9,572	\$1,299	\$1,845	\$14,576
difference	\$0	\$0	\$0	\$0	\$0
AYTP Mth/yr	117,093	1,230,285	81,737	116,135	1,545,250
Average Rate w/oFAR \$/th	\$0.01589	\$0.00778	\$0.01589	\$0.01589	\$0.00943
Rate Tables	\$0.01589	\$0.00778	\$0.01589	\$0.01589	*
difference	\$0.00000	\$0.00000	\$0.00000	\$0.00000	
EAR W/EELL Charge \$000	¢4 E40	¢15 220	¢1 040	¢1 1F1	¢10.201
FAR w/FFU Charge \$000 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr	\$1,548 \$3,409	\$15,230 \$24,801	\$1,049 \$2,348	\$1,454 \$3,299	\$19,281 \$33,858
Average Rate w/ FAR \$/th Rate Tables	\$0.02911	\$0.02016	\$0.02873	\$0.02841	\$0.02191
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	0.1%	0.5%	0.1%	0.1%	0.8%
Transport Rev Reg w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	0.1%	0.5%	0.1%	0.1%	0.8%
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	0.1%	0.5%	0.1%	0.1%	0.8%

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WORKPAPER TITLE
SoCalGas International and Summary Cost Allocation
WITNESS
Gary Lenart

			Total No.	Tatal Over
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	\$614	\$0	\$69,221	\$113,302
Local Transmission Costs	\$272	\$0	\$31,206	\$63,024
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
	\$138 \$0	\$0 \$0	\$454	
Uncollectibles				\$5,352 \$4,380
NGV compression adder	\$0	\$0	\$0	\$1,380
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$1,136	\$26,470	\$217,097	\$1,765,101
Less Backbone Transmission Costs	(\$614)	\$0	(\$69,221)	(\$113,302)
Less Local Transmission Costs	(\$272)	\$0	(\$31,206)	(\$63,024)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR				
Plus Local Transmission Costs w/SI, FFU	\$355	\$0	\$29,873	\$71,449
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$606	\$26,470	\$146,542	\$1,660,224
Other Operating Costs and Revenues	•	0.5	0 -	•
n/a	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0
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
Exchange Revenues & Interutility Transactions	\$0	\$0	\$14	\$23
Fuel Cell Equipment Revenues	\$0	\$0	\$0	\$0
Marketing: DSM Program Awards	\$0	\$0	\$0	\$0
Unaccounted For (UAF) Gas	\$102	\$0	\$11,367	\$39,227
n/a	\$0	\$0	\$0	\$0
Well Incidents & Surface Leaks	\$1	\$0	\$149	\$240
Subtotal Other Operating Costs and Revenues	\$123	\$0	\$13,768	\$43,063
Transition Costs				
n/a	\$0	\$0	\$0	\$0
MPO Transition Cost Adjustment	\$0	\$0	\$0	\$0
•		\$0	\$0	\$0
Pitco/Ponco Transition Costs		ΨΟ		\$0
Pitco/Popco Transition Costs total Transition Costs	\$0 \$0	\$0	\$0	ΨΟ
total Transition Costs		\$0	\$0	ΨΟ
total Transition Costs Regulatory Accounts		\$0 \$0	(\$12)	(\$166)
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA)	\$0 (\$0)	\$0	(\$12)	(\$166)
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA)	\$0 (\$0) \$0	\$0 \$0	(\$12) \$0	(\$166) \$0
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC Settlement Proceeds Memorandum Account (FSPMA)	\$0 (\$0) \$0 \$0	\$0 \$0 \$0	(\$12) \$0 \$0	(\$166) \$0 (\$813)
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCRRMA)	\$0 (\$0) \$0 \$0 \$0	\$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0	(\$166) \$0 (\$813) \$0
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC Settlement Proceeds Memorandum Account (FSPMA) General Rate Case Revenue Requirement Memorandum Account (GRCRRMA) Firm Access & Storage Rights Memorandum Account (FARSMA)	\$0 (\$0) \$0 \$0 \$0 \$17	\$0 \$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0 \$1,844	(\$166) \$0 (\$813) \$0 \$2,973
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0	\$0 \$0 \$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0 \$1,844 \$0	(\$166) \$0 (\$813) \$0 \$2,973 \$0
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$0
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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) \$0 \$0 \$0 \$17 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$0 \$16,303
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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) On-Bill Financing Balancing Account (OBFBA)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0 \$0 \$73	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$0 \$16,303 \$1,017
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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) On-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0 \$0 \$73 \$213	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$0 \$16,303 \$1,017 \$213
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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) On-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0 \$0 \$73 \$213	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$0 \$16,303 \$1,017 \$213 \$0
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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) On-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA) Enhanced Oil Recovery Account (EORA)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0 \$0 \$73 \$213 \$0 \$216	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$0 \$16,303 \$1,017 \$213 \$0 \$2,339
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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) On-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA) Enhanced Oil Recovery Account (EORA)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0 \$73 \$213 \$0 \$216 \$0	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$16,303 \$1,017 \$213 \$0 \$2,339 \$0
total Transition Costs Regulatory Accounts Affiliate Transfer Fee Account (ATFA) Blythe Operational Flow Requirement Memorandum Account (BOFRMA) FERC 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 (GFCA) On-Bill Financing Balancing Account (OBFBA) Economic Practicality Shortfall Memorandum Account (EPSMA) California Solar Iniative Thermal Memorandum Account (CSITPMA)	\$0 (\$0) \$0 \$0 \$0 \$17 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	(\$12) \$0 \$0 \$0 \$1,844 \$0 \$0 \$0 \$73 \$213 \$0 \$216	(\$166) \$0 (\$813) \$0 \$2,973 \$0 \$0 \$16,303 \$1,017 \$213 \$0 \$2,339

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WORKPAPER TITLE
SoCalGas International and Summary Cost Allocation
WITNESS
Gary Lenart

COST COMPONENTS 5000% CONPONENTS 5000% COST				Total Non	Total System
Oray Meas System Reliability Memorandum Account (GNDSMA) 50 30 30 50 Sin Ir Loss on Sale Memorandum Account (GNDSMA) 50 40 30 50 Sin Ir Loss on Sale Memorandum Account (MTTA) 32 30 3107 566 Noncore Fixed Cast Account (IR CND) Margin 319 30 5,488 50,488 Noncore Fixed Cast Account (IR CND Nommigh) 319 30 5,208 50 Noncore Storage Memorandum Account (IRSMA) Margin (85) 30 50 68 Noncore Storage Memorandum Account (IRSMA) Margin (81) 30 80 30 68 Noncore Storage Balancing Account (IRSMA) 30 30 80 30 50 Noncore Storage Balancing Account (IRSMA) 30 30 30 50 50 Noncore Storage Balancing Account (IRSMA) 31 30 (311) 30 (316) 60 35,769) 19 40 30 35,069) 18 30 35,06 35,069) 18 30 35,06 35,079 35,079 </th <th>COST COMPONENTS \$000's</th> <th>DGN</th> <th>TBS</th> <th></th> <th>-</th>	COST COMPONENTS \$000's	DGN	TBS		-
Sain Loss on Salle Memoranium Account (SCISOMA) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	Intervenor Award Memorandum Account (IAMA)	\$2	\$0	\$194	\$313
Name		•	•		•
Montenie Fried Carl Account (MTCA) S2 50 5197 5565 Noncore Fried Carl Account (MFCA) Margin S29 30 \$5,40 \$5,008 \$2,008 Noncore Fried Carl Account (MFCA) Normargin S19 \$0 \$0,008 \$2,008 Noncore Fried Carl Account (MFCA) Normargin S18 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$,	·			•
Noncore Fixed Cost Account (NFCA) Margin \$29		•	•	•	
Noncore Fixed Cost Account (NECA) Normargin \$19		•	•		
Noncore Storage Momorandum Account (INBMA) 50 50 50 50 50 50 50 5		•			
Integrated Transmission Ballancing Account (TBA) Margin (1828) \$38, 80 \$3,087 \$3,084 Company-Use Fuel for Load Ballancing Account (CBN Mormatin) (\$10) \$0 (\$2,148) (\$3,394) System Rebiability Memorandum Account (CBRMA) (\$10) \$0 \$0 \$0 System Rebiability Memorandum Account (RBMA) (\$215) \$0 \$23,374) \$37,691 PBOD'Ballancing Account (PBCPA) (\$11) \$0 (\$57,511) \$10,105(6) PBOD'Ballancing Account (PBCPA) (\$11) \$0 (\$10,105(6) \$6,604 Research Devolopment and Demonstration Expense Account (RDDEA) (\$11) \$0 (\$10,105(6) \$10,105(6) Research Devolopment and Demonstration Expense Account (RDDEA) \$46 \$0 \$5,015(5) \$3,135 Research Devolopment and Demonstration Expense Account (RDDEA) \$40 \$0 \$0 \$0 \$10,13(14) Research Devolopment and Demonstration Expense Account (RDDEA) \$40 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	· · · ·	·			
Integrated Transmission Ballarieng Account (ITBA) Normargin (\$25)	· , ,	•	•		
Company-Use Fuel for Load Balancing Account (CUFLBA) (\$1) 50 (\$2) (\$12) \$0 <td></td> <td></td> <td></td> <td>. ,</td> <td></td>				. ,	
System Reliability Memorandum Account (RSMA) \$0 \$0 \$0 Noncore Storage Blanding Account (RSDA) \$215 \$0 \$23,789 \$15,789 Pension Blancing Account (PBA) \$24 \$0 \$4,888 \$56,664 PEOP De Blanding Account (PBA) \$1 \$0 \$15,105,161 \$15,105,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105 \$15,105		**, *			
Pension Balancing Account (PBAP) \$4,80 \$6,864 \$6,0664 \$1,00 \$6,751 \$1,00	System Reliability Memorandum Account (SRMA)		\$0		
PBOP Balancing Account (PBOPBA) \$4 \$0 \$6751 \$10516 \$8easarch Devolopment and Demonstration Expense Account (RDDEA) \$1 \$0 \$6101 \$1,419	Noncore Storage Balancing Account (NSBA)	(\$215)	\$0	(\$23,374)	(\$37,691)
Research Development and Demonstration Expense Account (RDDEA) (\$11) \$0 (\$14,00) (\$2,040) Research Reyally Memorandum Account (RDBA) \$6 \$0 \$5,045 \$8.135 Self-Generation Program Memorandum Account (SPBA) \$4 \$0 \$370 \$9.313 Total Regulatory Accounts \$6 \$0 \$5,045 \$8.135 Core Interstate Pipeline Demand Charges (IPDC) \$0 \$0 \$0 \$0 Core Averaging \$0 \$0 \$0 \$0 \$0 Transport Rev Red before EOR & G-EN CAP adjustments \$000 \$697 \$26.70 \$151,187 \$1,773.265 EOR Revenue allocated to Other Classes \$000 \$1 \$0 \$23.77 \$3.599 \$0 </td <td>Pension Balancing Account (PBA)</td> <td>\$24</td> <td>\$0</td> <td>\$4,688</td> <td>\$65,664</td>	Pension Balancing Account (PBA)	\$24	\$0	\$4,688	\$65,664
Research Royally Memorandum Account (RPMA) (\$11 \$0 (\$101) (\$14.19) Self-Generation Program Memorandum Account (RPBA) \$4 \$0 \$7.076 \$9.331 Total Regulatory Accounts \$4 \$0 \$7.079 \$9.331 Total Regulatory Accounts \$4 \$0 \$5.079 \$9.331 Core Intensitate Pipeline Demand Charges (IPDC) \$0	PBOP Balancing Account (PBOPBA)	(\$4)	\$0	(\$751)	(\$10,516)
Self-Generation Program Memorandum Account (SCPMA) \$48 \$0 \$5,045 \$9,393 Rewards & Penelines Balancino, account (RPBA) \$4 \$0 \$5,07 \$59,391 Total Regulatory Accounts (\$32) \$0 \$87. \$569,788 Core Interstate Pipeline Demand Charges (IPDC) \$0 \$0 \$0 \$0 \$0 Core Averaging \$0 \$0 \$0 \$0 \$0 \$0 Transport Rew Reg before EOR & G-EN CAP adjustments \$000 \$667 \$26,470 \$15,177,265 \$0 EOR Revenue allocated to Other Classes \$000 \$1 \$0 \$25,771 \$3,792,655 EOR Costs allocated to Other Classes \$000 \$1 \$0 \$25,771 \$17,793,667 AVERAGE YEAR THROUGHPUT we EOR, Mithlyr \$5,990 \$0 \$,566,368 \$9,477,396 AVERAGE YEAR THROUGHPUT wEOR, Mithlyr \$5,990 \$0 \$,506,368 \$9,477,396 Full Rate \$1,00 \$0 \$0,22,553 \$9,613,583 AVERAGE YEAR THROUGHPUT wEOR, Mithlyr \$697 \$26,470 \$15,717 \$1,769,667	Research Development and Demonstration Expense Account (RDDEA)	(\$1)		(\$146)	(\$2,040)
Rewards A Penaltites Balancing Account (RPBA) \$4 \$0 \$709 \$9.931 Total Regulatory Accounts \$(\$32) \$0 \$877 \$569,978 Total Regulatory Accounts \$30 \$0 \$0 \$0 \$0 Core Interstate Pipeline Demand Charges (IPDC) \$0 \$0 \$0 \$0 \$0 \$0 Core Aversiging \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$, ,		,	
Total Regulatory Accounts	, ,	·		. ,	
So					
Core Averaging \$0 \$0 \$0 \$0 Transport Rev Req before EOR & GEN CAP adjustments \$000 \$697 \$26,470 \$161,187 \$1,72,265 EOR Revenue allocated to Other Classes \$000 \$1 \$0 \$2577 \$3,599 EOR Costs allocated to Other Classes \$000 \$1 \$0 \$3,733 \$0 Gas Engine Rate CAP adjustment \$0 \$0 \$0 \$0 Transport Rev Reg wBISI, FFU, EOR Cr wko FAR Rev, SW adj, TLS \$000byr \$5897 \$26,470 \$157,197 \$1,769,667 AVERAGE YEAR THROUGHPUT wic EOR, Mthryr \$5,990 0 \$680,566 \$9,457,396 AVERAGE YEAR THROUGHPUT wic EOR, Mthryr \$5,990 0 \$6,022,553 9,613,583 Sempra Wide & TLS Adjustments: \$3,990 0 \$6,022,553 9,613,583 Sw EGA Adjustment \$697 \$26,470 \$157,197 \$1,769,667 TLS Adjustment \$697 \$26,470 \$157,197 \$1,769,667 TLS Adjustment \$697 \$26,470 \$157,197 \$1,769,667 TLS Adjustment \$697	Total Regulatory Accounts	(\$32)	\$0	\$877	\$69,978
Core Averaging \$0 \$0 \$0 \$0 Transport Rev Req before EOR & GEN CAP adjustments \$000 \$697 \$26,470 \$161,187 \$1,72,265 EOR Revenue allocated to Other Classes \$000 \$1 \$0 \$2577 \$3,599 EOR Costs allocated to Other Classes \$000 \$1 \$0 \$3,733 \$0 Gas Engine Rate CAP adjustment \$0 \$0 \$0 \$0 Transport Rev Reg wBISI, FFU, EOR Cr wko FAR Rev, SW adj, TLS \$000byr \$5897 \$26,470 \$157,197 \$1,769,667 AVERAGE YEAR THROUGHPUT wic EOR, Mthryr \$5,990 0 \$680,566 \$9,457,396 AVERAGE YEAR THROUGHPUT wic EOR, Mthryr \$5,990 0 \$6,022,553 9,613,583 Sempra Wide & TLS Adjustments: \$3,990 0 \$6,022,553 9,613,583 Sw EGA Adjustment \$697 \$26,470 \$157,197 \$1,769,667 TLS Adjustment \$697 \$26,470 \$157,197 \$1,769,667 TLS Adjustment \$697 \$26,470 \$157,197 \$1,769,667 TLS Adjustment \$697	Core Interstate Pineline Demand Charges (IPDC)	\$0	\$0	\$0	\$0
Transport Rev Neg before EOR & G-EN CAP adjustments \$000 \$697 \$26,470 \$161,187 \$1,772,285 EOR Revenue allocated to Other Classes \$000 \$1 \$0 \$0.5257 \$3,599 EOR Costs allocated to Other Classes \$000 \$1 \$0 \$0.5277 \$3,599 EOR Costs allocated to Other Classes \$000 \$1 \$0 \$0.5277 \$3,599 EOR Costs allocated to Other Classes \$000 \$1 \$0 \$0.586,387 \$0.500 Ear Engine Rate CAP adjustment \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 EARLY CAPACITY CONTROL OF ARR EV, SW adj, TLS \$0000yr \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.00000 \$0.000000 \$0.000000 \$0.00000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.000000 \$0.00000000 \$0.000000 \$0.000000 \$0.000000 \$0.0000000 \$0.0000000000					
EOR Costs allocated to Other Classes \$000 \$1 \$0 \$0 \$0 \$0 Gas Engine Rate CAP adjustment \$0 <		•			
Sea Engine Rate CAP adjustment	EOR Revenue allocated to Other Classes \$000	(\$1)	\$0	(\$257)	(\$3,599)
Transport Rev Reg w/SL, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr	EOR Costs allocated to Other Classes \$000	\$1	\$0	(\$3,733)	\$0
AVERAGE YEAR THROUGHPUT wio EOR, Mth/yr 53,990		•			
Average Rate w/oFAR Sth \$0.01201 \$0.00000 \$0.02680 \$0.18712 FFU Rate 101.48% 53.990 0 6,022,553 9,613,583 AVERAGE YEAR THROUGHPUT w/EOR, Mith/yr \$3.990 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 \$697 \$26,470 \$157,197 \$1,769,667 SW EG Adjustment \$0 \$697 \$677 \$677 \$677 TLS Adjustment \$697 \$697 \$647,175 \$47,175 \$677 TLS revenue paid by class @ average TLS rate \$000 \$858 \$22,431 \$52,431 <			\$26,470	\$157,197	
FFU Rate					
Sampra Wide & TLS Adjustments:: Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr \$697 \$26,470 \$157,197 \$1,769,667 \$80 \$0 \$253		·	\$0.00000	\$0.02680	\$0.18712
Sempra Wide & TLS Adjustments:: 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 w/o FAR Rev, SW adj, TLS \$000/yr \$697 \$26,70 \$157,197 \$1,769,667 SW NCV Adjustment \$0 (\$254) SW EG Adjustment \$677 \$677 TLS Adjustment \$677 \$677 TLS Adjustment \$858 \$52,431 \$52,431 Amount allocated to TLS Class \$000 \$858 \$52,431 \$52,431 TLS revenue paid by class @ average TLS rate \$000 \$858 \$52,431 \$52,431 TLS revenue paid by class @ average TLS rate \$000 \$858 \$26,470 \$163,130 \$1,775,346 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables \$858 \$26,470 \$163,130 \$1,775,346 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Average Rate w/oFAR \$/th \$0.00000 \$0.00000 \$0.00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,982	AVERAGE YEAR THROUGHPUT W/EOR, Mth/yr	53,990	0	6,022,553	9,613,583
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr \$697 \$26,70 \$157,197 \$1,769,667 SW NCV Adjustment \$0 (\$254) SW EG Adjustment \$677 \$677 TLS Adjustment \$677 \$677 TLS Adjustment \$858 \$52,431 \$52,431 Amount allocated to TLS Class \$000 \$858 \$52,431 \$52,431 TLS revenue paid by class @ average TLS rate \$000 \$858 \$52,431 \$52,431 TLS revenue paid by class @ average TLS rate \$000 \$858 \$26,470 \$163,130 \$1,775,346 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables \$858 \$26,470 \$163,130 \$1,775,346 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Average Rate w/oFAR \$/th \$0.00000 \$0.00000 \$0.00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,982	Sempra Wide & TLS Adjustments::				
SW RGV Adjustment \$0 (\$254) SW EG Adjustment \$677 \$677 TLS Adjustment \$677 \$677 Amount allocated to TLS Class \$000 \$858 \$52,431 \$52,431 TLS revenue paid by class @ average TLS rate \$000 \$858 \$52,431 \$52,431 TES revenue paid by class @ average TLS rate \$000/yr \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables \$858 \$26,470 \$163,130 \$1,775,346 AYTP Mth/yr \$3,990 \$0 \$0 \$2 AYTP Mth/yr \$0,01589 \$0,02781 \$0,18772 difference \$0,00589 \$0,02781 \$0,18772 difference \$0,00000 \$0,00000 \$0,00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$1,399,296 Average Rate w/ FAR \$/th \$0,00241 \$0,0466 \$0,00003 Average Rate w/ FAR \$/th \$0,00281 \$0,00466 \$0,00003 Rate T		\$697	\$26,470	\$157.197	\$1,769,667
SWEG Adjustment		***	* -,		
Amount allocated to TLS Class \$000 (\$697) (\$47,175) (\$47,175) TLS revenue paid by class @ average TLS rate \$000 \$858 \$52,431 \$52,431 \$161 \$0 \$5,256 \$5,256 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables \$858 \$26,470 \$163,130 \$1,775,344 difference \$0 \$0 \$0 \$0 AYTP Mth/yr \$3,990 \$66,366 9,457,396 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Rate Tables \$0.01589 \$0.02781 \$0.18772 difference \$0.00500 \$0.00000 \$0.00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,952 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr \$1,534 \$26,470 \$238,529 \$1,899,296 Average Rate w/ FAR \$/th \$0.02841 \$0.0466 \$0.20083 \$2,809,297 Average Rate w/ FAR \$/th \$0.02841 \$0.0466	•				
Amount allocated to TLS Class \$000 (\$697) (\$47,175) (\$47,175) TLS revenue paid by class @ average TLS rate \$000 \$858 \$52,431 \$52,431 \$161 \$0 \$5,256 \$5,256 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables \$858 \$26,470 \$163,130 \$1,775,344 difference \$0 \$0 \$0 \$0 AYTP Mth/yr \$3,990 \$66,366 9,457,396 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Rate Tables \$0.01589 \$0.02781 \$0.18772 difference \$0.00500 \$0.00000 \$0.00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,952 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr \$1,534 \$26,470 \$238,529 \$1,899,296 Average Rate w/ FAR \$/th \$0.02841 \$0.0466 \$0.20083 \$2,809,297 Average Rate w/ FAR \$/th \$0.02841 \$0.0466	·				
TLS revenue paid by class @ average TLS rate \$000 \$858 \$52,431 \$52,431 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables difference \$858 \$26,470 \$163,130 \$1,775,344 AYTP Mth/yr \$3,990 \$0,80 \$0 \$0 \$2 Average Rate w/oFAR \$/th \$0,01589 \$0,02781 \$0,18772 difference \$0,00000 \$0,00000 \$0,00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,952 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr \$1,534 \$26,470 \$238,529 \$1,899,297 Average Rate w/ FAR \$/th \$0,02841 \$0,0466 \$0,20083 Rate Tables difference \$0,0000 \$0,0000 \$1,899,296 Effective Allocation %'s: \$0,0000 \$0,0000 \$0,0000 FOR Allocation \$0,0000 \$0,0000 \$0,0000 \$0,0000 For Allocation \$0,0000 \$0,0000 \$0,0000 \$0,0000 For Allocation \$0,0000 \$0,0	TLS Adjustment				
\$161	Amount allocated to TLS Class \$000	(\$697)		(\$47,175)	(\$47,175)
Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr \$858 \$26,470 \$163,130 \$1,775,346 Rate Tables difference \$858 \$26,470 \$163,130 \$1,775,344 AYTP Mth/yr \$3,990 \$,866,366 9,457,396 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Rate Tables difference \$0.00589 \$0.0000 \$0.18772 Average Rate w/oFAR \$/th \$0.00000 \$0.00000 \$0.00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,952 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr \$1,534 \$26,470 \$238,529 \$1,899,297 Average Rate w/ FAR \$/th \$0.02841 \$0.04066 \$0.20083 Rate Tables difference \$1,534 \$26,470 \$238,529 \$1,899,296 Effective Allocation %'s: \$0.04066 \$0.20083 \$2 Total Margin Allocation pre-SI, pre-FAR Unbundle, w/ FFU \$0.1% \$1.5% \$1.2.3% \$100.0% Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU \$0.0% \$1.6% \$8.8%	TLS revenue paid by class @ average TLS rate \$000				
Rate Tables difference \$858 \$26,470 \$163,130 \$1,775,344 AYTP Mth/yr 53,990 \$0 \$0 \$2 AYTP Mth/yr 53,990 \$5,866,366 9,457,396 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Rate Tables \$0.01589 \$0.18772 \$0.18772 difference \$0.00000 \$0.00000 \$0.00000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,952 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr \$1,534 \$26,470 \$238,529 \$1,899,297 Average Rate w/ FAR \$/th \$0.02841 \$0.04066 \$0.20083 Rate Tables difference \$2 \$1,899,296 \$2 Effective Allocation %'s: \$2 \$1,899,296 \$2 Effective Allocation pre-SI, pre-FAR Unbndle w/FFU \$0.1% \$1.5% \$1.2.3% \$100.0% Total Margin Allocation pre-SI, post-FAR Unbundle, w/ FFU \$0.0% \$1.6% \$8.8% \$100.0% Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr \$0.0%					
AYTP Mth/yr \$0 \$0 \$0 \$2 AYTP Mth/yr 53,990 5,866,366 9,457,396 Average Rate w/oFAR \$/th \$0.01589 \$0.02781 \$0.18772 Rate Tables difference \$0.00000 \$0.00000 \$0.18772 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,952 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr \$1,534 \$26,470 \$238,529 \$1,899,297 Average Rate w/ FAR \$/th \$0.02841 \$0.04066 \$0.20083 Rate Tables difference \$1,899,296 \$2 Effective Allocation %'s: \$1,899,296 Total Margin Allocation pre-SI, pre-FAR Unbundle w/FFU 0.1% 1.5% 12.3% 100.0% Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU 0.0% 1.6% 8.8% 100.0% Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr 0.0% 1.5% 8.9% 100.0%					
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Rate Tables \$0.01589 \$0.0000 \$0.0000 FAR w/FFU Charge \$000 \$676 \$0 \$75,399 \$123,952 Transport Rev Req w/SI, FFU, EOR Cr, SW adj, TLS, FAR Rev \$000/yr \$1,534 \$26,470 \$238,529 \$1,899,297 Average Rate w/ FAR \$/th \$0.02841 \$0.04066 \$0.20083 Rate Tables \$1,899,296 \$1,899,296 difference \$1,899,296 \$2 Effective Allocation %'s: Total Margin Allocation pre-SI, pre-FAR Unbindle w/FFU \$0.1% 1.5% 12.3% 100.0% Total Allocated Base Margin post-SI, post-FAR Unbindle, w/ FFU \$0.0% 1.6% 8.8% 100.0% Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr \$0.0% 1.5% 8.9% 100.0% Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr \$0.0% 1.5% 8.9% 100.0% Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr \$0.0% 1.5% 8.9% 100.0% Total Allocated Base Margin post-SI, post-FAR Unbindle, w/ FFU \$0.0% 1.5% 8.9% 100.0% Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr \$0.0% 1.5% 8.9% 100.0%		,			
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Effective Allocation %'s: Security of the properties of the pr					
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Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr 0.0% 1.6% 8.8% 100.0% 1.00%	Effective Allocation %'s:				
Transport Rev Req w/SI, FFU, EOR Cr w/o FAR Rev, SW adj, TLS \$000/yr 0.0% 1.5% 8.9% 100.0%					
Transport κev κeq w/SI, FFU, EOK Cr, SW adj, TLS w/o FAK Rev \$000/yr 0.0% 1.5% 9.2% 100.0%					
	Iranspoπ κev Req w/SI, FFU, EOR Cr, SW adj, TLS w/o FAR Rev \$000/yr	0.0%	1.5%	9.2%	100.0%

WORKPAPER TITLE
SoCalGas Current Average Residential Bill
WITNESS
Gary Lenart

		Monthly Class
		Average
	SoCalGas Residential:	=
1	Customer Charge \$/day =	\$0.16438
2	BL Rate \$/th =	\$0.32391
3	NBL Rate \$/th =	\$0.57391
4	G-CP \$/th =	\$0.45769
5	PPPS \$/th =	\$0.07687
6	G-SRF \$/th =	\$0.00068
7	Effective Average Rate \$/th	\$1.02527
8		
9	BL Usage limit th/day =	1.082
10	# days in month =	30.42
11	BL usage limit th/mo =	32.75
12		
13	Total th used th/mo =	38.00
14	BL therms =	32.75
15	NBL therms =	5.25
16		
17	Customer Charge \$/mo =	\$5.00
18	BL charges \$/mo =	\$10.61
19	NBL charge \$/mo =	\$3.01
20	Commodity Charge \$/mo =	\$17.39
21	PPPS charge \$/mo =	\$2.92
22	G-PUC Regulatory Fee \$/mo =	\$0.03
23	PSEP Surcharge \$/mo	\$0.00
24	Total Charge \$/mo =	\$38.96

Notes:

- 1) Transport rate as of 10/2011.
- 2) G-CP rate from 10/2011 FAR Update Filing
- 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

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WORKPAPER TITLE
SoCalGas Illustrative 2015 Average Residential Bill
WITNESS
Gary Lenart

		Monthly
		Class
		Average
	SoCalGas Residential:	
1	Customer Charge \$/day =	\$0.16438
2	BL Rate \$/th =	\$0.32391
3	NBL Rate \$/th =	\$0.57391
4	G-CP \$/th =	\$0.45769
5	PPPS \$/th =	\$0.07966
6	G-SRF \$/th =	\$0.00068
7	Effective Average Rate \$/th	\$1.02806
8		
9	BL Usage limit th/day =	1.082
10	# days in month =	30.42
11	BL usage limit th/mo =	32.75
12		
13	Total th used th/mo =	38.00
14	BL therms =	32.75
15	NBL therms =	5.25
16		
17	Customer Charge \$/mo =	\$5.00
18	BL charges \$/mo =	\$10.61
19	NBL charge \$/mo =	\$3.01
20	Commodity Charge \$/mo =	\$17.39
21	PPPS charge \$/mo =	\$3.03
22	G-PUC Regulatory Fee \$/mo =	\$0.03
23	PSEP Surcharge \$/mo	\$2.89
24	Total Charge \$/mo =	\$41.95

Notes:

- 1) Transport rate as of 10/2011.
- 2) G-CP rate from 10/2011 FAR Update Filing
- 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

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WORKPAPER TITLE
SDG&E Class-Average Rate Table
WITNESS

Natural Gas Transportation Rate Revenues <u>San Diego Gas & Electric</u> PSEP Rates

2011 SDGE RD Model

	At I	resent Rates	1 SDGE KD M		posed Rates			Changes	
	Oct-1-11	Average	Oct-1-11	Jan-1-15	Average	Jan-1-15			Rate
	Volumes	Rate	Revenues	Volumes	Rate	Revenues	Revenues	Rates	change
	mtherms	\$/therm	\$000's	mtherms	\$/therm	\$000's	\$000's	\$/therm	%
	D	E	F	D	E	F	G	Н	I
1 CORE									
2 Residential	326,003	\$0.66424	\$216,544	326,003	\$0.66424	\$216,544	\$0	\$0.00000	0.0%
3 Comml & Industrial	158,725	\$0.23968	\$38,043	158,725	\$0.23968	\$38,043	\$0	\$0.00000	0.0%
4									
5 NGV Pre SW	15,238	\$0.06135	\$935	15,238	\$0.06135	\$935	\$0	\$0.00000	0.0%
6 SW Adjustment	15,238	\$0.01676	\$255	15,238	\$0.01676	\$255	\$0	\$0.00000	0.0%
7 NGV Post SW	15,238	\$0.07812	\$1,190	15,238	\$0.07812	\$1,190	\$0	\$0.00000	0.0%
8									
9 Total CORE	499,967	\$0.51159	\$255,778	499,967	\$0.51159	\$255,778	\$0	\$0.00000	0.0%
10									
11 NONCORE COMMERCIAL & INDUSTRIAL									
12 Distribution Level Service	37,270	\$0.14451	\$5,386	37,270	\$0.14451	\$5,386	\$0	\$0.00000	0.0%
13 Transmission Level Service (2)	3,193	\$0.01758	\$56	3,193	\$0.01758	\$56	\$0	\$0.00000	0.0%
14 Total Noncore C&I	40,463	\$0.13449	\$5,442	40,463	\$0.13449	\$5,442	\$0	\$0.00000	0.0%
15									
16 NONCORE ELECTRIC GENERATION									
17 Distribution Level Service									
18 Pre Sempra Wide	179,522	\$0.03299	\$5,922	179,522	\$0.03299	\$5,922	\$0	\$0.00000	0.0%
19 Sempra Wide Adjustment	179,522	(\$0.00379)	(\$681)	179,522	(\$0.00379)	(\$681)	\$0	\$0.00000	0.0%
20 Distribution Level Post Sempra Wide	179,522	\$0.02920	\$5,241	179,522	\$0.02920	\$5,241	\$0	\$0.00000	0.0%
21 Transmission Level Service (2)	496,393	\$0.01589	\$7,888	496,393	\$0.01589	\$7,888	\$0	\$0.00000	0.0%
22 Total Electric Generation	675,916	\$0.01942	\$13,129	675,916	\$0.01942	\$13,129	\$0	\$0.00000	0.0%
23	71 (070	#0.00E00	610 FF1	F1 (0F0	#0.02E02	# 10 F F 1	¢0	#0.00000	0.00/
24 TOTAL NONCORE	716,379	\$0.02592	\$18,571	716,379	\$0.02592	\$18,571	\$0	\$0.00000	0.0%
25 26 System Total	1.216.345	\$0.22555	\$274.348	1.216.345	\$0.22555	\$274.348	\$0	\$0.00000	0.0%
20 System 10tal	1,216,345	\$U.42555	\$4/4,348	1,210,345	Φ 0.42555	\$4/4,348	⊅ 0	\$0.00000	0.0%

¹⁾ These rates are for Natural Gas Transportation Service from "Citygate to Meter". The BTS rate is for service from Receipt Point to Citygate and is purchased from SoCalGas. 2) These proposed costs and rates for Transmission Level Service "TLS" customers represents the average transmission rate.

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³⁾ BTS 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

MARGINAL 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	\$7,658	\$316	\$3,475	\$11,449
Local Transmission Costs	\$5,785	\$135	\$1,921	\$7,841
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
Fotal Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$201,473	\$830	\$32,252	\$234,555
Less Backbone Transmission Costs	(\$7,658)	(\$316)	(\$3,475)	(\$11,449)
Less Local Transmission Costs	(\$5,785)	(\$135)	(\$3,473)	(\$7,841)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	(ψυ, 1 υυ)	(ψ133)	(ψ1,321)	(Ψ1,041)
Plus Local Transmission Costs w/SI, FFU W/OFAR	\$4,266	\$99	\$1,417	\$5,782
Pius Local Halistiission Costs W/31,FF0	\$4,200	фээ	Ф1, 4 17	Ф Э,7 6 2
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$192,296	\$479	\$28,273	\$221,048
Other Operating Costs and Revenues SCG Transport excl Core Storge & Load Balance \$000	\$490	\$23	\$239	\$752
CG Transport excl Core Storge & Load Balance \$000 CG Core Seasonal Storage CG Load Balancing Allocated to ALL SDGE \$000 /a UAF Company Use Gas: Other	\$490 \$5,127 \$391 \$0 \$1,895 \$45 \$14,114	\$23 \$0 \$18 \$0 \$89 \$2 \$35	\$239 \$1,378 \$190 \$0 \$923 \$22 \$2,075	\$752 \$6,505 \$600 \$0 \$2,906 \$69 \$16,224
CCG Transport excl Core Storge & Load Balance \$000 CCG Core Seasonal Storage CCG Load Balancing Allocated to ALL SDGE \$000 /a UAF Company Use Gas: Other uMI rev req incl FF&U AL 1693-G	\$5,127 \$391 \$0 \$1,895 \$45	\$0 \$18 \$0 \$89 \$2	\$1,378 \$190 \$0 \$923 \$22	\$6,505 \$600 \$0 \$2,906 \$69
CCG Transport excl Core Storge & Load Balance \$000 CCG Core Seasonal Storage CCG Load Balancing Allocated to ALL SDGE \$000 //a UAF Company Use Gas: Other LMI rev req incl FF&U AL 1693-G	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114	\$0 \$18 \$0 \$89 \$2 \$35	\$1,378 \$190 \$0 \$923 \$22 \$2,075	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224
SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 Va LUAF Company Use Gas: Other KMI rev req incl FF&U AL 1693-G	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0	\$0 \$18 \$0 \$89 \$2 \$35 \$0	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0
SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 \(\text{\alpha}\)	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0
	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0
CGG Transport excl Core Storge & Load Balance \$000 CGG Core Seasonal Storage CGG Load Balancing Allocated to ALL SDGE \$000 A/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G A/a A/a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 (\$3,140) \$18,922	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$3,140	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$0 \$27,056
CCG Transport excl Core Storge & Load Balance \$000 CCG Core Seasonal Storage CCG Load Balancing Allocated to ALL SDGE \$000 I/a UAF Company Use Gas: Other MI rev req incl FF&U AL 1693-G I/a I/a I/a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Mod Witning Infrastructure Balancing Acct AMIBA	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 (\$3,140) \$18,922	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$3,140 \$7,967	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$27,056
CG Transport excl Core Storge & Load Balance \$000 CG Core Seasonal Storage CG Load Balancing Allocated to ALL SDGE \$000 /a UAF company Use Gas: Other cMI rev req incl FF&U AL 1693-G /a /a /a /a /bore Averaging cubtotal Other Operating Costs and Revenues degulatory Accounts conductory cond	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 (\$3,140) \$18,922	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$0	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$7,967	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$27,056
CG Transport excl Core Storge & Load Balance \$000 CG Core Seasonal Storage CG Load Balancing Allocated to ALL SDGE \$000 /a UAF Company Use Gas: Other MI rev req incl FF&U AL 1693-G /a /a /a /a /a /bre Averaging /bubtotal Other Operating Costs and Revenues /de Witning Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA)	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 (\$3,140) \$18,922	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$7,967	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$27,056
CG Transport excl Core Storge & Load Balance \$000 CG Core Seasonal Storage CG Load Balancing Allocated to ALL SDGE \$000 /a UAF company Use Gas: Other MI rev req incl FF&U AL 1693-G /a /a /a core Averaging subtotal Other Operating Costs and Revenues degulatory Accounts dow Mtring Infrastructure Balancing Acct AMIBA hn-Bill Financing Balancing Account (OBFBA) /a CFCA -Margin Only	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 (\$3,140) \$18,922	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$3,140 \$7,967	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$9
CCG Transport excl Core Storge & Load Balance \$000 CCG Core Seasonal Storage CCG Load Balancing Allocated to ALL SDGE \$000 //a UAF Company Use Gas: Other LMI rev req incl FF&U AL 1693-G //a //a //a Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts LAY Mitting Infrastructure Balancing Acct AMIBA Dn-Bill Financing Balancing Account (OBFBA) //a CFCA -Margin Only CFCA -Nonmargin Other	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 (\$3,140) \$18,922 \$0 \$127 \$0 \$4,520 \$638	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$3,140 \$7,967	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$0 \$0 \$0 \$9 \$146 \$0 \$146 \$0 \$6,931 \$978
CGG Transport excl Core Storge & Load Balance \$000 CGG Core Seasonal Storage CGG Load Balancing Allocated to ALL SDGE \$000 Allocated to ALL S	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 (\$3,140) \$18,922	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$3,140 \$7,967	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$9
CGG Transport excl Core Storge & Load Balance \$000 CGG Core Seasonal Storage CGG Load Balancing Allocated to ALL SDGE \$000 Va LUAF Company Use Gas: Other Mil rev req incl FF&U AL 1693-G Va Va Core Averaging Core	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 (\$3,140) \$18,922 \$0 \$127 \$0 \$4,520 \$638	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$3,140 \$7,967	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$0 \$0 \$0 \$9 \$146 \$0 \$6,931 \$978
CGG Transport excl Core Storge & Load Balance \$000 CGG Core Seasonal Storage CGG Load Balancing Allocated to ALL SDGE \$000 Va LUAF Company Use Gas: Other MI rev req incl FF&U AL 1693-G Va Va Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) Va CFCA -Nonmargin Other CFCA -Nonmargin Other CFCA -Nonmargin SCG CA Solar Initiative Balancing Acct CSIBA	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 (\$3,140) \$18,922 \$0 \$127 \$0 \$4,520 \$638 \$1,107	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$0 \$7,967 \$0 \$119 \$0 \$2,201 \$310 \$539	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$9 \$146 \$0 \$6,931 \$978 \$1,698
CGG Transport excl Core Storge & Load Balance \$000 CGG Core Seasonal Storage CGG Load Balancing Allocated to ALL SDGE \$000 Va LUAF Company Use Gas: Other MI rev req incl FF&U AL 1693-G Va Core Averaging Subtotal Other Operating Costs and Revenues Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA On-Bill Financing Balancing Account (OBFBA) Va CFCA -Nonmargin Other CFCA -Nonmargin SCG CA Solar Initiative Balancing Acct CSIBA EERC Settlement Proceeds MA	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 (\$3,140) \$18,922 \$0 \$127 \$0 \$4,520 \$638 \$1,107 \$0	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$167	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$3,140 \$7,967 \$0 \$119 \$0 \$2,201 \$310 \$539 \$0	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$0 \$0 \$0 \$146 \$0 \$6,931 \$978 \$1,698 \$0
SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a n/a Core Averaging	\$5,127 \$391 \$0 \$1,895 \$45 \$14,114 \$0 \$0 \$0 \$0 \$3,140) \$18,922 \$0 \$127 \$0 \$4,520 \$638 \$1,107 \$0 \$0 \$111)	\$0 \$18 \$0 \$89 \$2 \$35 \$0 \$0 \$0 \$0 \$167 \$0 \$0 \$211 \$30 \$52 \$0 \$0	\$1,378 \$190 \$0 \$923 \$22 \$2,075 \$0 \$0 \$3,140 \$7,967 \$0 \$19 \$0 \$2,201 \$310 \$539 \$0 (\$1,099)	\$6,505 \$600 \$0 \$2,906 \$69 \$16,224 \$0 \$0 \$0 \$27,056 \$0 \$146 \$0 \$6,931 \$978 \$1,698 \$0 \$1,110)

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WORKPAPER TITLE	
SDG&E Core Cost Allocation	
WITNESS	
Gary Lenart	

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
NFCA -Nonmargin SCG	\$0	\$0	\$0	\$0
NGVA	\$0	\$0	\$0	\$0
Non-Core Gas Storage Balancing Acct GSBA-NC	\$0	\$0	\$0	\$0
PBOPBA	(\$861)	(\$2)	(\$127)	(\$990)
Pension BA	(\$1,215)	(\$3)	(\$179)	(\$1,397)
RD&D 1-Way Bal Acct (Pre-2001)	\$0	\$0	\$0	\$0
Rewards & Penalties Bal Acct RPBA	\$377	\$1	\$55	\$433
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	\$642	\$2	\$94	\$738
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)	\$133	\$0	\$20	\$153
Z-Factor Memorandum Account	\$0	\$0	\$0	\$0
Total Regulatory Accounts	\$5,327	\$289	\$1,802	\$7,418
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	\$216,544	\$935	\$38,043	\$255,522
AVERAGE YEAR THROUGHPUT, Mth/yr	326,003	15,238	158,725	499,967
Average Rate \$/th	\$0.66424	\$0.06135	\$0.23968	\$0.51108
FFU Rate	102.31%	102.31%	102.31%	102.31%
Sempra Wide & TLS Adjustments::				
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	\$216,544	\$935	\$38,043	\$255,522
SW NGV Adjustment		\$255		\$255
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	\$216,544	\$1,190	\$38,043	\$255,778
Rate Tables	\$216,544	\$1,190	\$38,043	\$255,778
difference	\$0	\$0	\$0	\$0
AYTP Mth/yr	326,003	15,238	158,725	499.967
Average Rate w/oFAR \$/th	\$0.66424	\$0.07812	\$0.23968	\$0.51159
Rate Tables	\$0.66424	\$0.07812	\$0.23968	\$0.51159
difference	\$0.00424 \$0.00000	\$0.07612 \$0.00000	\$0.23966	\$0.51159 \$0.00000
umerence	φυ.υυυυυ	φυ.υυυυυ	φυ.υυυυυ	φυ.υυυυυ
FAR w/FFU Charge \$000	\$4,082	\$191	\$1,987	\$6,260
Transport Rev Req w/SI, FFU, SW adj, TLS, FAR Rev \$000/yr	\$220,626	\$1,381	\$40,030	\$262,038
Average Rate w/ FAR \$/th	\$0.67676	\$0.09064	\$0.25220	\$0.52411
Effective Allocation %'s:				
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	77.0%	0.3%	12.3%	89.6%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	83.0%	0.2%	12.2%	95.4%
Transport Rev Reg w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	77.3%	0.3%	13.6%	91.2%
Transport Rev Req w/SI, FFU, SW adj, TLS w/o FAR Rev \$000/yr	78.9%	0.4%	13.9%	93.2%
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WORKPAPER TITLE
SDG&E Noncore Retail and Summary Cost Allocation
WITNESS
Gary Lenart

MARGINAL COST COMPONENTS \$000's	NCCI	EG Tier 1	EG Tier 2	Total EG	Total NonCore	System Total
Embedded Costs:	NCCI	EG Hei I	EG Hei Z	TOTAL EG	TOTAL NOTICOLE	Gystein Total
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	\$838	\$699	\$13,299	\$13.998	\$14.836	\$26.285
Local Transmission Costs	\$361	\$368	\$6,051	\$6,419	\$6,780	\$14,621
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	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0
NGV	\$0	\$0	\$0	\$0	\$0	\$89
Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	\$4,245	\$2,605	\$20,320	\$22,925	\$27,171	\$261,726
Less Backbone Transmission Costs	(\$838)	(\$699)	(\$13,299)	(\$13,998)	(\$14,836)	(\$26,285)
Less Local Transmission Costs	(\$361)	(\$368)	(\$6,051)	(\$6,419)	(\$6,780)	(\$14,621)
Plus Backbone Transmission Costs w/SI, FFU w/oFAR	(\$301)	(\$300)	(\$0,031)	(\$0,419)	(\$0,780)	(\$14,021)
Plus Local Transmission Costs w/SI,FFU	\$266	\$271	\$4,462	\$4,734	\$5,000	\$10,782
Fius Local Halismission Costs w/ol,FFO	\$200	\$27 I	\$4,462	\$4,734	φ5,000	\$10,762
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	\$3,313	\$1,810	\$5,433	\$7,243	\$10,555	\$231,603
SCG Transport excl Core Storge & Load Balance \$000 SCG Core Seasonal Storage SCG Load Balancing Allocated to ALL SDGE \$000 n/a LUAF Company Use Gas: Other AMI rev req incl FF&U AL 1693-G n/a	\$61 \$0 \$49 \$0 \$114 \$6 \$243 \$0	\$51 \$0 \$41 \$0 \$95 \$5 \$133 \$0	\$965 \$0 \$771 \$0 \$1,810 \$89 \$399 \$0	\$1,016 \$0 \$811 \$0 \$1,906 \$94 \$532 \$0	\$1,077 \$0 \$860 \$0 \$2,020 \$100 \$775 \$0	\$1,828 \$6,505 \$1,460 \$0 \$4,926 \$169 \$16,999 \$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0
n/a	\$0	\$0	\$0	\$0	\$0	\$0
Core Averaging	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Other Operating Costs and Revenues	\$472	\$324	\$4,034	\$4,358	\$4,830	\$31,887
Regulatory Accounts Adv Mtring Infrastructure Balancing Acct AMIBA	\$0	\$0	\$0	\$0	\$0	\$0
On-Bill Financing Balancing Account (OBFBA)	\$0 \$2	\$0 \$1	\$0 \$4	\$5	\$0 \$7	\$153
n/a	\$0	\$0	\$0	\$0	\$0	\$0
CFCA -Margin Only	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$6,931
CFCA -Nonmargin Other	\$0 \$0	\$0	\$0	\$0 \$0	\$0 \$0	\$978
CFCA -Nonmargin SCG	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$1,698
CA Solar Initiative Balancing Acct CSIBA	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0
FERC Settlement Proceeds MA	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	(\$1,110)
	**	• -	• •	* -	• •	,
Core Gas Storage Balancing Acct. GSBA-C	\$0	\$0 \$4.7	\$0 #222	\$0 \$250	\$0 \$274	(\$1,280)
Hazardous Substance Cleanup Cost Acct HSCCA	\$21	\$17	\$333	\$350	\$371	\$630
Interim Call Ctr Memo Acct. (ICCMA)	\$0	\$0	\$0	\$0	\$0	\$0

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WORKPAPER TITLE
SDG&E Noncore Retail and Summary Cost Allocation
WITNESS
Gary Lenart

MARGINAL COST COMPONENTS \$000's	NCCI	EG Tier 1	EG Tier 2	Total EG	Total NonCore	System Total
Natural Gas Supp Refund Track Acct	\$0	\$0	\$0	\$0	\$0	\$0
NFCA -Margin Only	\$1,837	\$1,003	\$3,012	\$4,016	\$5,853	\$5,853
NFCA -Nonmargin Other	(\$3)	(\$2)	(\$41)	(\$43)	(\$45)	(\$45)
NFCA -Nonmargin SCG	\$144	\$120	\$2,288	\$2,408	\$2,553	\$2,553
NGVA	\$0	\$0	\$0	\$0	\$0	\$0
Non-Core Gas Storage Balancing Acct GSBA-NC	\$12	\$10	\$184	\$194	\$205	\$205
РВОРВА	(\$15)	(\$8)	(\$24)	(\$32)	(\$47)	(\$1,037)
Pension BA	(\$21)	(\$11)	(\$34)	(\$46)	(\$67)	(\$1,463)
RD&D 1-Way Bal Acct (Pre-2001)	\$0	\$0	\$0	\$0	\$0	\$0
Rewards & Penalties Bal Acct RPBA	\$6	\$4	\$11	\$14	\$21	\$454
Self Gen Memo Acct - SGPMA-CSI	\$0	\$0	\$0	\$0	\$0	\$0
Self Gen Memo Acct - SGPMA-NonCSI	\$0	\$0	\$0	\$0	\$0	\$0
SGPMA - Rev Req for NEXT Year	\$11	\$6	\$18	\$24	\$35	\$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	\$4	\$5	\$7	\$161
Z-Factor Memorandum Account	\$0	\$0	\$0	\$0	\$0	\$0
Total Regulatory Accounts	\$2,069	\$1,149	\$5,904	\$7,053	\$9,122	\$16,540
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	\$5,854	\$3,283	\$15,372	\$18,654	\$24,508	\$280,030
AVERAGE YEAR THROUGHPUT, Mth/yr	40,463	33,749	642,167	675,916	716,379	1,216,345
Average Rate \$/th	\$0.14466	\$0.09727	\$0.02394	\$0.02760	\$0.03421	\$0.23022
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	\$5,854			\$18.654	\$24,508	\$280.030
SW NGV Adjustment	φ 3 ,034			\$10,034	\$24,508 \$0	\$255
SW EG Adjustment				(\$681)	(\$681)	(\$681)
SW LG Adjustment				(\$001)	(\$001)	(\$001)
TLS Adjustment						
Amount allocated to TLS Class \$000	(\$468)			(\$12,732)	(\$13,200)	(\$13,200)
TLS revenue paid by class @ average TLS rate \$000	\$56			\$7,888	\$7,944	\$7,944
	(\$412)			(\$4,844)	(\$5,256)	(\$5,256)
Transport Rev Req w/SI, FFU, SW adj, TLS w/o FAR Rev \$000/yr	\$5,442			\$13,129	\$18,571	\$274,348
Rate Tables	\$5,442			\$13,129	\$18,571	\$274,348
difference	\$0			\$0	\$0	\$0
AYTP Mth/yr	40,463			675,916	716,379	1,216,345
Average Rate w/oFAR \$/th	\$0.13449			\$0.01942	\$0.02592	\$0.22555
Rate Tables	\$0.13449			\$0.01942	\$0.02592	\$0.22555
difference	\$0.00000			\$0.00000	\$0.00000	\$0.00000
FAR w/FFU Charge \$000	\$507	\$423	\$8,041	\$8,463	\$8,970	\$15,230
Transport Rev Req w/SI, FFU, SW adj, TLS, FAR Rev \$000/yr	\$5,949	Ψ-12-0	ψυ,υ ι	\$21,592	\$27,541	\$289,578
Average Rate w/ FAR \$/th	\$0.14701			\$0.03194	\$0.03844	\$0.23807
Fife of the Aller of the Aller						
Effective Allocation %'s: Total Margin Allocation pre-SI, pre-FAR Unbndle w/FFU	1.6%	1.0%	7.8%	8.8%	10.4%	100.0%
Total Allocated Base Margin post-SI, post-FAR Unbundle, w/ FFU	1.4%	0.8%	2.3%	3.1%	4.6%	100.0%
Transport Rev Req w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr	2.1%	1.2%	2.5% 5.5%	6.7%	8.8%	100.0%
Transport Rev Red w/SI, FFU w/o FAR Rev, SW adj, TLS \$000/yr Transport Rev Red w/SI, FFU, SW adj, TLS w/o FAR Rev \$000/yr	2.1%	0.0%	5.5% 0.0%	4.8%	8.8% 6.8%	100.0%
Transport Nev Ney W/SI, FFO, SW duj, TLS W/O FAN Nev \$000/yi	2.0 /0	0.070	0.076	4.0 /0	0.070	100.070

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	Amenaea/Nevisea Workpapers 12 2 1
WORKPAPER TITLE	
SDG&E Current Average Resid	dential Bill
WITNESS	
Gary Lenart	

	Monthly Class
	Average
SDGEgas Residential - Current Rates:	
Customer Charge \$/mo =	\$0.00000
BL Rate \$/th =	\$0.62483
NBL Rate \$/th =	\$0.77911
G-CPC \$/th =	\$0.45769
PPPS \$/th =	\$0.07560
G-SRF \$/th =	\$0.00068
BL Usage limit th/day =	1.0195
# days in month =	30.42
BL usage limit th/mo =	30.75
Total th used th/mo =	33.00
BL therms =	29.99
NBL therms =	3.01
Customer Charge \$/mo =	\$0.00
BL charges \$/mo =	\$18.74
NBL charge \$/mo =	\$2.35
Commodity Charge \$/mo =	\$15.10
PPPS charge \$/mo =	\$2.49
G-PUC Regulatory Fee \$/mo =	\$0.02
PSEP Surcharge \$/mo =	\$0.00
Total Charge \$/mo =	\$38.70

Notes:

- 1) Transport rate as of 10/2011.
- 2) G-CP rate from 10/2011 FAR Update Filing
- 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

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Amenaca/Nevisca Workpapers 12 2 1	_
WORKPAPER TITLE	ĺ
SDG&E Illustrative 2015 Average Residential Bill	ĺ
WITNESS	ĺ
Gary Lenart	ĺ

		Monthly
		Class Average
	SDGEgas Residential - Current Rates:	71101490
1	Customer Charge \$/mo =	\$0.00000
2	BL Rate \$/th =	\$0.62483
3	NBL Rate \$/th =	\$0.77911
4	G-CPC \$/th =	\$0.45769
5	PPPS \$/th =	\$0.07861
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 =	\$18.74
18	NBL charge \$/mo =	\$2.35
19	Commodity Charge \$/mo =	\$15.10
20	PPPS charge \$/mo =	\$2.59
21	G-PUC Regulatory Fee \$/mo =	\$0.02
22	PSEP Surcharge \$/mo =	\$2.89
23	Total Charge \$/mo =	\$41.70

Notes:

- 1) Transport rate as of 10/2011.
- 2) G-CP rate from 10/2011 FAR 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

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