

Southern California Gas Company

and

San Diego Gas & Electric Company

Pipeline Safety Reliability Project

Application (A.) 15-09-013

September 30, 2015

Workpapers to the Prepared Direct Testimony of

Jason Bonnett

Pipeline Safety Reliability Project Rate Impacts

A. 15-09-013

Witness: J. Bonnett

Notes:

Current BTS Revenue Requirement as effective on January 1, 2016 and approved by SoCalGas AL 4877

Pipeline Safety Reliability Project Revenue Requirement from Testimony and Workpapers of Michael Woodruff.

BTS Denominator as effective January 1, 2016 and approved by SoCalGas AL 4877

BTS Denominator Mth/d **2,852**

TABLE 1
Illustrative BTS Revenue and Rate Impacts

Year	Current BTS Revenue Requirement	Pipeline Safety Reliability Project Revenue Requirement	Total BTS Revenue Requirement	Current BTS SFV Rate	Pipeline Safety Reliability Project BTS Rate Impact	Total BTS SFV Rate
	\$ Millions	\$ Millions	\$ Millions	\$/dth/d	\$/dth/d	\$/dth/d
	A	B	C = A + B	D	E	F = D + E
2020	\$168.6	\$3.5	\$172.1	\$0.162	\$0.003	\$0.165
2021	\$168.6	\$85.9	\$254.6	\$0.162	\$0.083	\$0.245
2022	\$168.6	\$85.6	\$254.3	\$0.162	\$0.082	\$0.244
2023	\$168.6	\$82.8	\$251.5	\$0.162	\$0.080	\$0.242
2024	\$168.6	\$80.0	\$248.6	\$0.162	\$0.077	\$0.239

Pipeline Safety Reliability Project Rate Impacts

A. 15-09-013

Witness: J. Bonnett

**TABLE 2
Illustrative Bundled Rate Impacts**

	Current Class- Average Transportation Rates*	Gas Commodity Price**	Bundled Rate/Bill	L3602 Pipeline Cost BTS Rate Impact***	% impact on bundled rates/bills
	A	B	C = A+B	D	E = D / C
1 <u>SoCalGas</u>					
2 Residential \$/th	\$0.778	\$0.315	\$1.093	\$0.008	0.8%
3 Average Residential Bill \$/month (37 th)	\$27.65	\$11.63	\$39.28	\$0.306	0.8%
4 Core C&I \$/th	\$0.414	\$0.315	\$0.729	\$0.008	1.1%
5 NGV \$/th	\$0.226	\$0.315	\$0.540	\$0.008	1.5%
6					
7 Noncore C&I - Distribution \$/th	\$0.067	\$0.315	\$0.382	\$0.008	2.2%
8 Noncore C&I - TLS \$/th	\$0.017	\$0.315	\$0.331	\$0.008	2.5%
9 Electric Generation - Distribution \$/th	\$0.052	\$0.315	\$0.367	\$0.008	2.2%
10 Electric Generation - TLS \$/th	\$0.013	\$0.315	\$0.328	\$0.008	2.5%
11					
12 <u>SDG&E</u>					
13 Residential \$/th	\$0.954	\$0.315	\$1.269	\$0.008	0.7%
14 Average Residential Bill \$/month (26 th)	\$24.62	\$8.34	\$32.97	\$0.215	0.7%
15 Core C&I \$/th	\$0.427	\$0.315	\$0.742	\$0.008	1.1%
16 NGV \$/th	\$0.237	\$0.315	\$0.552	\$0.008	1.5%
17					
18 Noncore C&I - Distribution \$/th	\$0.095	\$0.315	\$0.410	\$0.008	2.0%
19 Noncore C&I - TLS \$/th	\$0.020	\$0.315	\$0.335	\$0.008	2.5%
20 Electric Generation - Distribution \$/th	\$0.057	\$0.315	\$0.372	\$0.008	2.2%
21 Electric Generation - TLS \$/th	\$0.013	\$0.315	\$0.328	\$0.008	2.5%

* Transportation rates effective January 1, 2016, as approved in AL 4910 at SoCalGas and AL 2445-G at SDG&E.

** Gas price is the prior twelve month average of the core procurement tariff (February 2015 - January 2016).

*** This is the impact to the BTS Tariff. Individual customers may have impacts that differ due to how they purchase gas.

Pipeline Safety Reliability Project Rate Impacts

A. 15-09-013

Witness: J. Bonnett

Notes:

Current SDG&E Revenue Requirement as effective on January 1, 2016 and approved by SDG&E AL 2445-G
 Pipeline Safety Reliability Project Revenue Requirement from Testimony and Workpapers of Michael Woodruff.

Table 3: Class Average Rates (\$/therm)				
	1/1/2016	Proposed	\$/th Change	% Change
SCG:				
Res	\$0.778	\$0.778	(\$0.000)	0%
CCI CA	\$0.414	\$0.414	(\$0.000)	0%
NGV Uncompressed p	\$0.226	\$0.226	\$0.000	0%
NCCI - Distribution \$/tft	\$0.067	\$0.067	(\$0.000)	0%
NCCI - TLS \$/th	\$0.017	\$0.017	\$0.000	0%
EG - Distribution \$/th	\$0.052	\$0.053	\$0.000	0%
EG - TLS \$/th	\$0.013	\$0.013	\$0.000	0%

	1/1/2016	Proposed	\$/th Change	% Change
SDGE:				
Res	\$0.954	\$0.968	\$0.014	1%
CCI CA	\$0.427	\$0.431	\$0.004	1%
NGV Uncompressed p	\$0.237	\$0.237	\$0.000	0%
NCCI - Distribution \$/tft	\$0.095	\$0.097	\$0.002	2%
NCCI - TLS \$/th	\$0.020	\$0.020	\$0.000	0%
EG - Distribution \$/th	\$0.057	\$0.057	\$0.000	0%
EG - TLS \$/th	\$0.013	\$0.013	\$0.000	0%

* 2021 Revenue Requirement of \$3.8MM is grossed-up to \$5.2MM in order to recover the amount over 9 months due to the assumed in-service date of March 2021.

Pipeline Safety Reliability Project Rate Impacts

A. 15-09-013

Witness: J. Bonnett

TABLE 4
Illustrative Bundled Rate Impacts

	Current Class- Average Transportation Rates*	Gas Commodity Price**	Bundled Rate/Bill	L3602 Pipeline Cost BTS Rate Impact***	L1600 Derate Cost Class Average Rate Impact	L3602 Pipeline Cost and L1600 Derate Cost Class Average Rate Impact	% impact on bundled rates/bills
	A	B	C = A+B	D	E	F = (D + E)	G = (F / C)
1 <u>SoCalGas</u>							
2 Residential \$/th	\$0.778	\$0.315	\$1.093	\$0.008	(\$0.000)	\$0.008	0.8%
3 Average Residential Bill \$/month (37 th)	\$27.65	\$11.63	\$39.28	\$0.306	\$0.000	\$0.306	0.8%
4 Core C&I \$/th	\$0.414	\$0.315	\$0.729	\$0.008	(\$0.000)	\$0.008	1.1%
5 NGV \$/th	\$0.226	\$0.315	\$0.540	\$0.008	\$0.000	\$0.008	1.6%
6							
7 Noncore C&I - Distribution \$/th	\$0.067	\$0.315	\$0.382	\$0.008	(\$0.000)	\$0.008	2.2%
8 Noncore C&I - TLS \$/th	\$0.017	\$0.315	\$0.331	\$0.008	\$0.000	\$0.008	2.5%
9 Electric Generation - Distribution \$/th	\$0.052	\$0.315	\$0.367	\$0.008	\$0.000	\$0.008	2.3%
10 Electric Generation - TLS \$/th	\$0.013	\$0.315	\$0.328	\$0.008	\$0.000	\$0.008	2.5%
11							
12 <u>SDG&E</u>							
13 Residential \$/th	\$0.954	\$0.315	\$1.269	\$0.008	\$0.014	\$0.022	1.7%
14 Average Residential Bill \$/month (26 th)	\$24.62	\$8.34	\$32.97	\$0.215	\$0.350	\$0.564	1.7%
15 Core C&I \$/th	\$0.427	\$0.315	\$0.742	\$0.008	\$0.004	\$0.012	1.6%
16 NGV \$/th	\$0.237	\$0.315	\$0.552	\$0.008	\$0.000	\$0.008	1.5%
17							
18 Noncore C&I - Distribution \$/th	\$0.095	\$0.315	\$0.410	\$0.008	\$0.002	\$0.010	2.4%
19 Noncore C&I - TLS \$/th	\$0.020	\$0.315	\$0.335	\$0.008	\$0.000	\$0.008	2.5%
20 Electric Generation - Distribution \$/th	\$0.057	\$0.315	\$0.372	\$0.008	\$0.000	\$0.008	2.3%
21 Electric Generation - TLS \$/th	\$0.013	\$0.315	\$0.328	\$0.008	\$0.000	\$0.008	2.5%

* Transportation rates effective January 1, 2016, as approved in AL 4910 at SoCalGas and AL 2445-G at SDG&E.

** Gas price is the prior twelve month average of the core procurement tariff (February 2015 - January 2016).

*** This is the impact to the BTS Tariff. Individual customers may have impacts that differ due to how they purchase gas.

SoCalGas Residential Bill Impact

A. 15-09-013

Witness: J. Bonnett

Notes:

- 1) G-CP rate is 12 month average, Feb 2015 - Jan 2016
- 2) PPS rate as of 01/2016.
- 3) BL usage limits reflect Zone 1
- 4) G-SRF rate as of 1/2016

RESULTS:	Current Rates			Proposed Rates			Increase (decrease)		
	Volumes/ month	Rate	\$/month	Volumes/ month	Rate	\$/month	\$/month	Rate \$/th	%/month
Residential Class Average									
Monthly Average (Jan-Dec)	37	\$1.16	\$42.99	37	\$1.16	\$42.99	\$0.00	\$0.00	0.0%
Winter Peak (Nov-Apr)	72	\$1.12	\$80.36	72	\$1.12	\$80.36	\$0.00	\$0.00	0.0%
Winter Average (Nov-Apr)	51	\$1.10	\$55.87	51	\$1.10	\$55.87	\$0.00	\$0.00	0.0%
Summer Average (May-Oct)	23	\$1.29	\$30.11	23	\$1.29	\$30.11	\$0.00	\$0.00	0.0%
Residential Single Family									
Monthly Average (Jan-Dec)	39	\$1.16	\$45.50	39	\$1.16	\$45.50	\$0.00	\$0.00	0.0%
Winter Peak (Nov-Apr)	80	\$1.13	\$90.30	80	\$1.13	\$90.30	\$0.00	\$0.00	0.0%
Winter Average (Nov-Apr)	55	\$1.11	\$60.85	55	\$1.11	\$60.85	\$0.00	\$0.00	0.0%
Summer Average (May-Oct)	23	\$1.29	\$30.14	23	\$1.29	\$30.14	\$0.00	\$0.00	0.0%
Residential Multi Family									
Monthly Average (Jan-Dec)	19	\$1.25	\$23.26	19	\$1.25	\$23.26	\$0.00	\$0.00	0.0%
Winter Peak (Nov-Apr)	34	\$1.13	\$38.12	34	\$1.13	\$38.12	\$0.00	\$0.00	0.0%
Winter Average (Nov-Apr)	24	\$1.18	\$28.89	24	\$1.18	\$28.89	\$0.00	\$0.00	0.0%
Summer Average (May-Oct)	13	\$1.37	\$17.62	13	\$1.37	\$17.62	\$0.00	\$0.00	0.0%
Residential CARE									
Monthly Average (Jan-Dec)	30	\$0.92	\$27.46	30	\$0.92	\$27.46	\$0.00	\$0.00	0.0%
Winter Peak (Nov-Apr)	56	\$0.85	\$47.73	56	\$0.85	\$47.73	\$0.00	\$0.00	0.0%
Winter Average (Nov-Apr)	40	\$0.87	\$34.84	40	\$0.87	\$34.84	\$0.00	\$0.00	0.0%
Summer Average (May-Oct)	20	\$1.02	\$20.07	20	\$1.02	\$20.07	\$0.00	\$0.00	0.0%

Residential Class Average

	Summer Average (May-Oct)	Winter Average (Nov-Apr)	Winter Peak (Nov- Apr)	Monthly Average (Jan-Dec)	Annual Charges (Jan-Dec)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
INPUT for Current Rates:																	
Customer Charge \$/day =						\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438
BL Rate \$/th =						\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280
NBL Rate \$/th =						\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280
G-CP \$/th =						\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469
PPPS Non-CARE \$/th =						\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955
G-SRF \$/th =						\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093
BL Usage limit th/day =						1.691	1.691	1.691	1.691	0.473	0.473	0.473	0.473	0.473	0.473	1.691	1.691
# days in month =						31	28	31	30	31	30	31	31	30	31	30	31
BL usage limit th/mo =						52	47	52	51	15	14	15	15	14	15	51	52
CARE Discount						20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
PPPS CARE \$/th =						\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607
INPUT for Proposed Rates:																	
Customer Charge \$/day =						\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438	\$0.16438
BL Rate \$/th =						\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280	\$0.56280
NBL Rate \$/th =						\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280	\$0.82280
G-CP \$/th =						\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469	\$0.31469
PPPS Non-CARE \$/th =						\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955	\$0.09955
G-SRF \$/th =						\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093
BL Usage limit th/day =						1.691	1.691	1.691	1.691	0.473	0.473	0.473	0.473	0.473	0.473	1.691	1.691
# days in month =						31	28	31	30	31	30	31	31	30	31	30	31
BL usage limit th/mo =						52	47	52	51	15	14	15	15	14	15	51	52
CARE Discount						20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
PPPS CARE \$/th =						\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607	\$0.07607

Residential Class Average

SCG Residential Class Average:

Total th used th/mo =	23	51	72	37	443	72	59	50	38	30	26	22	20	21	21	31	53
BL therms =	15	45	52	30	358	52	47	50	38	15	14	15	15	14	15	31	52
NBL therms =	9	6	20	7	85	20	12	0	0	15	12	7	5	7	6	0	1

Current Rates:

Customer Charge \$/mo =	\$5.04	\$4.96	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$8.25	\$25.35	\$29.27	\$16.80	\$201.60	\$29.27	\$26.45	\$28.29	\$21.59	\$8.44	\$7.88	\$8.44	\$8.44	\$7.88	\$8.44	\$17.21	\$29.27
NBL charge \$/mo =	\$7.13	\$4.57	\$16.22	\$5.85	\$70.16	\$16.22	\$10.21	\$0.00	\$0.00	\$12.10	\$9.56	\$5.84	\$4.29	\$5.66	\$5.32	\$0.00	\$0.97
Commodity Charge \$/mo =	\$7.34	\$15.92	\$22.57	\$11.63	\$139.56	\$22.57	\$18.69	\$15.82	\$12.07	\$9.35	\$8.06	\$6.95	\$6.36	\$6.57	\$6.75	\$9.62	\$16.74
PPPS charge \$/mo =	\$2.32	\$5.04	\$7.14	\$3.68	\$44.15	\$7.14	\$5.91	\$5.00	\$3.82	\$2.96	\$2.55	\$2.20	\$2.01	\$2.08	\$2.14	\$3.04	\$5.29
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.05	\$0.07	\$0.03	\$0.41	\$0.07	\$0.06	\$0.05	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.03	\$0.05
Total Charge \$/mo =	\$30.11	\$55.87	\$80.36	\$42.99	\$515.88	\$80.36	\$65.93	\$54.26	\$42.44	\$37.96	\$33.01	\$28.55	\$26.21	\$27.14	\$27.77	\$34.83	\$57.41

Proposed Rates:

Customer Charge \$/mo =	\$5.04	\$4.96	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$8.25	\$25.35	\$29.27	\$16.80	\$201.60	\$29.27	\$26.45	\$28.29	\$21.59	\$8.44	\$7.88	\$8.44	\$8.44	\$7.88	\$8.44	\$17.21	\$29.27
NBL charge \$/mo =	\$7.13	\$4.57	\$16.22	\$5.85	\$70.16	\$16.22	\$10.21	\$0.00	\$0.00	\$12.10	\$9.56	\$5.84	\$4.29	\$5.66	\$5.32	\$0.00	\$0.97
Commodity Charge \$/mo =	\$7.34	\$15.92	\$22.57	\$11.63	\$139.56	\$22.57	\$18.69	\$15.82	\$12.07	\$9.35	\$8.06	\$6.95	\$6.36	\$6.57	\$6.75	\$9.62	\$16.74
PPPS charge \$/mo =	\$2.32	\$5.04	\$7.14	\$3.68	\$44.15	\$7.14	\$5.91	\$5.00	\$3.82	\$2.96	\$2.55	\$2.20	\$2.01	\$2.08	\$2.14	\$3.04	\$5.29
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.05	\$0.07	\$0.03	\$0.41	\$0.07	\$0.06	\$0.05	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.03	\$0.05
Total Charge \$/mo =	\$30.11	\$55.87	\$80.36	\$42.99	\$515.88	\$80.36	\$65.93	\$54.26	\$42.44	\$37.96	\$33.01	\$28.55	\$26.21	\$27.14	\$27.77	\$34.83	\$57.41

Increase (decrease) \$/month	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Increase (decrease) %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Residential Class Average

SCG Residential Single Family:

Total th used th/mo =	23	55	80	39	469	80	65	54	40	30	26	22	20	21	21	31	58
BL therms =	15	46	52	30	362	52	47	52	40	15	14	15	15	14	15	31	52
NBL therms =	9	9	28	9	106	28	18	2	0	15	12	7	5	7	6	0	6

Current Rates:

Customer Charge \$/mo =	\$5.04	\$4.96	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$8.25	\$25.73	\$29.27	\$16.99	\$203.93	\$29.27	\$26.45	\$29.27	\$22.57	\$8.44	\$7.88	\$8.44	\$8.44	\$7.88	\$8.44	\$17.58	\$29.27
NBL charge \$/mo =	\$7.15	\$7.43	\$22.83	\$7.29	\$87.47	\$22.83	\$14.97	\$1.77	\$0.00	\$12.19	\$9.84	\$6.06	\$4.37	\$5.37	\$5.06	\$0.00	\$5.00
Commodity Charge \$/mo =	\$7.35	\$17.23	\$25.10	\$12.29	\$147.48	\$25.10	\$20.51	\$17.04	\$12.62	\$9.38	\$8.17	\$7.04	\$6.39	\$6.46	\$6.65	\$9.83	\$18.27
PPPS charge \$/mo =	\$2.33	\$5.45	\$7.94	\$3.89	\$46.65	\$7.94	\$6.49	\$5.39	\$3.99	\$2.97	\$2.58	\$2.23	\$2.02	\$2.04	\$2.11	\$3.11	\$5.78
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.05	\$0.07	\$0.04	\$0.44	\$0.07	\$0.06	\$0.05	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.03	\$0.05
Total Charge \$/mo =	\$30.14	\$60.85	\$90.30	\$45.50	\$545.98	\$90.30	\$73.09	\$58.62	\$44.16	\$38.11	\$33.43	\$28.88	\$26.35	\$26.71	\$27.37	\$35.49	\$63.47

Proposed Rates:

Customer Charge \$/mo =	\$5.04	\$4.96	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$8.25	\$25.73	\$29.27	\$16.99	\$203.93	\$29.27	\$26.45	\$29.27	\$22.57	\$8.44	\$7.88	\$8.44	\$8.44	\$7.88	\$8.44	\$17.58	\$29.27
NBL charge \$/mo =	\$7.15	\$7.43	\$22.83	\$7.29	\$87.47	\$22.83	\$14.97	\$1.77	\$0.00	\$12.19	\$9.84	\$6.06	\$4.37	\$5.37	\$5.06	\$0.00	\$5.00
Commodity Charge \$/mo =	\$7.35	\$17.23	\$25.10	\$12.29	\$147.48	\$25.10	\$20.51	\$17.04	\$12.62	\$9.38	\$8.17	\$7.04	\$6.39	\$6.46	\$6.65	\$9.83	\$18.27
PPPS charge \$/mo =	\$2.33	\$5.45	\$7.94	\$3.89	\$46.65	\$7.94	\$6.49	\$5.39	\$3.99	\$2.97	\$2.58	\$2.23	\$2.02	\$2.04	\$2.11	\$3.11	\$5.78
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.05	\$0.07	\$0.04	\$0.44	\$0.07	\$0.06	\$0.05	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.03	\$0.05
Total Charge \$/mo =	\$30.14	\$60.85	\$90.30	\$45.50	\$545.98	\$90.30	\$73.09	\$58.62	\$44.16	\$38.11	\$33.43	\$28.88	\$26.35	\$26.71	\$27.37	\$35.49	\$63.47

Increase (decrease) \$/month	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Increase (decrease) %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

**Residential Class Average
SCG Residential Multi Family:**

Total th used th/mo =	13	24	34	19	224	34	28	24	19	16	14	13	11	12	12	16	26
BL therms =	13	24	34	19	223	34	28	24	19	15	14	13	11	12	12	16	26
NBL therms =	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0

Current Rates:

Customer Charge \$/mo =	\$5.04	\$4.96	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$7.16	\$13.77	\$19.00	\$10.47	\$125.60	\$19.00	\$15.90	\$13.70	\$10.80	\$8.44	\$7.88	\$7.08	\$6.44	\$6.57	\$6.54	\$8.85	\$14.37
NBL charge \$/mo =	\$0.09	\$0.00	\$0.00	\$0.05	\$0.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.41	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Commodity Charge \$/mo =	\$4.04	\$7.70	\$10.63	\$5.87	\$70.44	\$10.63	\$8.89	\$7.66	\$6.04	\$4.88	\$4.46	\$3.96	\$3.60	\$3.68	\$3.66	\$4.95	\$8.04
PPPS charge \$/mo =	\$1.28	\$2.44	\$3.36	\$1.86	\$22.28	\$3.36	\$2.81	\$2.42	\$1.91	\$1.54	\$1.41	\$1.25	\$1.14	\$1.16	\$1.16	\$1.57	\$2.54
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.02	\$0.03	\$0.02	\$0.21	\$0.03	\$0.03	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02
Total Charge \$/mo =	\$17.62	\$28.89	\$38.12	\$23.26	\$279.08	\$38.12	\$32.24	\$28.91	\$23.70	\$20.39	\$18.84	\$17.41	\$16.29	\$16.35	\$16.46	\$20.31	\$30.07

Proposed Rates:

Customer Charge \$/mo =	\$5.04	\$4.96	\$5.10	\$5.00	\$60.00	\$5.10	\$4.60	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10	\$5.10	\$4.93	\$5.10	\$4.93	\$5.10
BL charges \$/mo =	\$7.16	\$13.77	\$19.00	\$10.47	\$125.60	\$19.00	\$15.90	\$13.70	\$10.80	\$8.44	\$7.88	\$7.08	\$6.44	\$6.57	\$6.54	\$8.85	\$14.37
NBL charge \$/mo =	\$0.09	\$0.00	\$0.00	\$0.05	\$0.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.41	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Commodity Charge \$/mo =	\$4.04	\$7.70	\$10.63	\$5.87	\$70.44	\$10.63	\$8.89	\$7.66	\$6.04	\$4.88	\$4.46	\$3.96	\$3.60	\$3.68	\$3.66	\$4.95	\$8.04
PPPS charge \$/mo =	\$1.28	\$2.44	\$3.36	\$1.86	\$22.28	\$3.36	\$2.81	\$2.42	\$1.91	\$1.54	\$1.41	\$1.25	\$1.14	\$1.16	\$1.16	\$1.57	\$2.54
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.02	\$0.03	\$0.02	\$0.21	\$0.03	\$0.03	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02
Total Charge \$/mo =	\$17.62	\$28.89	\$38.12	\$23.26	\$279.08	\$38.12	\$32.24	\$28.91	\$23.70	\$20.39	\$18.84	\$17.41	\$16.29	\$16.35	\$16.46	\$20.31	\$30.07

Increase (decrease) \$/month	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Increase (decrease) %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Residential Class Average

SCG Residential CARE:

Total th used th/mo =	20	40	56	30	359	56	47	40	31	24	22	19	17	18	18	25	42
BL therms =	15	40	52	27	325	52	47	40	31	15	14	15	15	14	15	25	42
NBL therms =	5	1	4	3	34	4	0	0	0	9	8	4	2	4	3	0	0

Current Rates:

Customer Charge \$/mo =	\$4.03	\$3.97	\$4.08	\$4.00	\$48.00	\$4.08	\$3.68	\$4.08	\$3.95	\$4.08	\$3.95	\$4.08	\$4.08	\$3.95	\$4.08	\$3.95	\$4.08
BL charges \$/mo =	\$6.60	\$17.79	\$23.41	\$12.20	\$146.35	\$23.41	\$21.16	\$17.81	\$13.86	\$6.75	\$6.30	\$6.75	\$6.75	\$6.30	\$6.75	\$11.37	\$19.11
NBL charge \$/mo =	\$3.28	\$0.48	\$2.67	\$1.88	\$22.55	\$2.67	\$0.20	\$0.00	\$0.00	\$6.09	\$4.96	\$2.78	\$1.50	\$2.34	\$2.00	\$0.00	\$0.00
Commodity Charge \$/mo =	\$4.95	\$10.13	\$14.11	\$7.54	\$90.46	\$14.11	\$11.91	\$9.96	\$7.75	\$6.11	\$5.42	\$4.84	\$4.35	\$4.42	\$4.54	\$6.36	\$10.69
PPPS charge \$/mo =	\$1.20	\$2.45	\$3.41	\$1.82	\$21.87	\$3.41	\$2.88	\$2.41	\$1.87	\$1.48	\$1.31	\$1.17	\$1.05	\$1.07	\$1.10	\$1.54	\$2.58
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.03	\$0.04	\$0.02	\$0.27	\$0.04	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02	\$0.03
Total Charge \$/mo =	\$20.07	\$34.84	\$47.73	\$27.46	\$329.49	\$47.73	\$39.86	\$34.28	\$27.45	\$24.53	\$21.96	\$19.64	\$17.75	\$18.08	\$18.49	\$23.23	\$36.49

Proposed Rates:

Customer Charge \$/mo =	\$4.03	\$3.97	\$4.08	\$4.00	\$48.00	\$4.08	\$3.68	\$4.08	\$3.95	\$4.08	\$3.95	\$4.08	\$4.08	\$3.95	\$4.08	\$3.95	\$4.08
BL charges \$/mo =	\$6.60	\$17.79	\$23.41	\$12.20	\$146.35	\$23.41	\$21.16	\$17.81	\$13.86	\$6.75	\$6.30	\$6.75	\$6.75	\$6.30	\$6.75	\$11.37	\$19.11
NBL charge \$/mo =	\$3.28	\$0.48	\$2.67	\$1.88	\$22.55	\$2.67	\$0.20	\$0.00	\$0.00	\$6.09	\$4.96	\$2.78	\$1.50	\$2.34	\$2.00	\$0.00	\$0.00
Commodity Charge \$/mo =	\$4.95	\$10.13	\$14.11	\$7.54	\$90.46	\$14.11	\$11.91	\$9.96	\$7.75	\$6.11	\$5.42	\$4.84	\$4.35	\$4.42	\$4.54	\$6.36	\$10.69
PPPS charge \$/mo =	\$1.20	\$2.45	\$3.41	\$1.82	\$21.87	\$3.41	\$2.88	\$2.41	\$1.87	\$1.48	\$1.31	\$1.17	\$1.05	\$1.07	\$1.10	\$1.54	\$2.58
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.03	\$0.04	\$0.02	\$0.27	\$0.04	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02	\$0.03
Total Charge \$/mo =	\$20.07	\$34.84	\$47.73	\$27.46	\$329.49	\$47.73	\$39.86	\$34.28	\$27.45	\$24.53	\$21.96	\$19.64	\$17.75	\$18.08	\$18.49	\$23.23	\$36.49

Increase (decrease) \$/month	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Increase (decrease) %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

SDG&E Residential Bill Impact

A. 15-09-013

Witness: J. Bonnett

Notes:

- 1) GCP rate is 12 month average, Feb 2015 - Jan 2016
- 2) PPS rate as of 1/2016
- 3) BL usage limits reflect Zone 1
- 4) G-SRF rate as of 1/2016

RESULTS:	Current Rates			Proposed Rates			Increase (decrease)		
	Volumes/ month	Rate	\$/month	Volumes/ month	Rate	\$/month	\$/month	Rate \$/th	%/month
Residential Class Average									
Monthly Average (Jan-Dec)	26	\$1.30	\$34.55	26	\$1.32	\$34.90	\$0.35	\$0.01	1.0%
Winter Peak (Nov-Apr)	50	\$1.30	\$64.62	50	\$1.32	\$65.29	\$0.66	\$0.01	1.0%
Winter Average (Nov-Apr)	36	\$1.30	\$46.46	36	\$1.31	\$46.94	\$0.48	\$0.01	1.0%
Summer Average (May-Oct)	17	\$1.32	\$22.64	17	\$1.33	\$22.87	\$0.23	\$0.01	1.0%
Residential Single Family									
Monthly Average (Jan-Dec)	29	\$1.31	\$38.33	29	\$1.33	\$38.73	\$0.39	\$0.01	1.0%
Winter Peak (Nov-Apr)	56	\$1.32	\$74.22	56	\$1.34	\$74.98	\$0.76	\$0.01	1.0%
Winter Average (Nov-Apr)	40	\$1.31	\$52.06	40	\$1.32	\$52.59	\$0.53	\$0.01	1.0%
Summer Average (May-Oct)	19	\$1.33	\$24.61	19	\$1.34	\$24.86	\$0.25	\$0.01	1.0%
Residential Multi Family									
Monthly Average (Jan-Dec)	17	\$1.31	\$21.55	17	\$1.32	\$21.77	\$0.22	\$0.01	1.0%
Winter Peak (Nov-Apr)	26	\$1.30	\$33.56	26	\$1.31	\$33.91	\$0.34	\$0.01	1.0%
Winter Average (Nov-Apr)	21	\$1.30	\$26.74	21	\$1.31	\$27.02	\$0.27	\$0.01	1.0%
Summer Average (May-Oct)	12	\$1.32	\$16.35	12	\$1.33	\$16.52	\$0.17	\$0.01	1.0%
Residential CARE									
Monthly Average (Jan-Dec)	24	\$1.01	\$23.91	24	\$1.02	\$24.16	\$0.25	\$0.01	1.1%
Winter Peak (Nov-Apr)	40	\$1.01	\$40.65	40	\$1.02	\$41.08	\$0.43	\$0.01	1.1%
Winter Average (Nov-Apr)	31	\$1.01	\$30.88	31	\$1.02	\$31.21	\$0.33	\$0.01	1.1%
Summer Average (May-Oct)	17	\$1.02	\$16.94	17	\$1.03	\$17.12	\$0.18	\$0.01	1.1%

	Summer Average (May-Oct)	Winter Average (Nov-Apr)	Winter Peak (Nov- Apr)	Monthly Average (Jan-Dec)	Annual Charges (Jan-Dec)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
INPUT for Current Rates:																	
Customer Charge \$/day =						\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
BL Rate \$/th =						\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805	\$0.90805
NBL Rate \$/th =						\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354	\$1.08354
GCP \$/th =						\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492
PPPS Non-CARE \$/th =						\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226
G-SRF \$/th =						\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093
BL Usage limit th/day =						1.546	1.546	1.546	1.546	0.493	0.493	0.493	0.493	0.493	0.493	1.546	1.546
# days in month =						31	28	31	30	31	30	31	31	30	31	30	31
BL usage limit th/mo =						48	43	48	46	15	15	15	15	15	15	46	48
CARE Discount						20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
PPPS CARE \$/th =						\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555
INPUT for Proposed Rates:																	
Customer Charge \$/day =						\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
BL Rate \$/th =						\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135	\$0.92135
NBL Rate \$/th =						\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876	\$1.09876
GCP \$/th =						\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492	\$0.31492
PPPS Non-CARE \$/th =						\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226	\$0.07226
G-SRF \$/th =						\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093	\$0.00093
BL Usage limit th/day =						1.546	1.546	1.546	1.546	0.493	0.493	0.493	0.493	0.493	0.493	1.546	1.546
# days in month =						31	28	31	30	31	30	31	31	30	31	30	31
BL usage limit th/mo =						48	43	48	46	15	15	15	15	15	15	46	48
CARE Discount						20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
PPPS CARE \$/th =						\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555	\$0.03555

SDG&E Residential Class Average:

Total th used th/mo =	17	36	50	26	318	50	42	37	28	22	19	17	15	15	16	22	37
BL therms =	15	36	48	25	303	48	42	37	28	15	15	15	15	15	15	22	37
NBL therms =	2	0	2	1	15	2	0	0	0	7	4	2	0	0	1	0	0

Current Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$13.60	\$32.27	\$43.59	\$22.93	\$275.20	\$43.59	\$38.07	\$33.28	\$25.19	\$13.62	\$13.62	\$13.62	\$13.47	\$13.62	\$13.62	\$19.88	\$33.61
NBL charge \$/mo =	\$2.38	\$0.30	\$1.77	\$1.34	\$16.03	\$1.77	\$0.00	\$0.00	\$0.00	\$7.39	\$4.19	\$1.93	\$0.00	\$0.14	\$0.61	\$0.00	\$0.00
Commodity Charge \$/mo =	\$5.41	\$11.28	\$15.63	\$8.34	\$100.10	\$15.63	\$13.20	\$11.54	\$8.74	\$6.87	\$5.94	\$5.28	\$4.67	\$4.76	\$4.90	\$6.89	\$11.66
PPPS charge \$/mo =	\$1.24	\$2.59	\$3.59	\$1.91	\$22.97	\$3.59	\$3.03	\$2.65	\$2.00	\$1.58	\$1.36	\$1.21	\$1.07	\$1.09	\$1.12	\$1.58	\$2.67
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.03	\$0.05	\$0.02	\$0.30	\$0.05	\$0.04	\$0.03	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.02	\$0.03
Total Charge \$/mo =	\$22.64	\$46.46	\$64.62	\$34.55	\$414.60	\$64.62	\$54.35	\$47.51	\$35.96	\$29.48	\$25.14	\$22.06	\$19.23	\$19.63	\$20.28	\$28.38	\$47.97

Proposed Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$13.80	\$32.74	\$44.22	\$23.27	\$279.23	\$44.22	\$38.63	\$33.77	\$25.56	\$13.82	\$13.82	\$13.82	\$13.67	\$13.82	\$13.82	\$20.17	\$34.10
NBL charge \$/mo =	\$2.41	\$0.30	\$1.80	\$1.35	\$16.26	\$1.80	\$0.00	\$0.00	\$0.00	\$7.49	\$4.25	\$1.95	\$0.00	\$0.14	\$0.62	\$0.00	\$0.00
Commodity Charge \$/mo =	\$5.41	\$11.28	\$15.63	\$8.34	\$100.10	\$15.63	\$13.20	\$11.54	\$8.74	\$6.87	\$5.94	\$5.28	\$4.67	\$4.76	\$4.90	\$6.89	\$11.66
PPPS charge \$/mo =	\$1.24	\$2.59	\$3.59	\$1.91	\$22.97	\$3.59	\$3.03	\$2.65	\$2.00	\$1.58	\$1.36	\$1.21	\$1.07	\$1.09	\$1.12	\$1.58	\$2.67
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.03	\$0.05	\$0.02	\$0.30	\$0.05	\$0.04	\$0.03	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.02	\$0.03
Total Charge \$/mo =	\$22.87	\$46.94	\$65.29	\$34.90	\$418.86	\$65.29	\$54.90	\$47.99	\$36.33	\$29.78	\$25.40	\$22.28	\$19.43	\$19.83	\$20.49	\$28.67	\$48.47

Increase (decrease) \$/month	\$0.23	\$0.48	\$0.66	\$0.35	\$4.26	\$0.66	\$0.56	\$0.49	\$0.37	\$0.30	\$0.26	\$0.23	\$0.20	\$0.20	\$0.21	\$0.29	\$0.49
Increase (decrease) %	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%

SDG&E Residential Single Family:

Total th used th/mo =	19	40	56	29	350	56	47	41	30	24	20	18	16	16	17	23	41
BL therms =	15	38	48	26	317	48	43	41	30	15	15	15	15	15	15	23	41
NBL therms =	4	2	8	3	33	8	4	0	0	9	5	3	1	1	2	0	0

Current Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$13.62	\$34.38	\$43.59	\$24.00	\$288.01	\$43.59	\$39.05	\$37.16	\$27.51	\$13.62	\$13.62	\$13.62	\$13.62	\$13.62	\$13.62	\$21.33	\$37.65
NBL charge \$/mo =	\$3.80	\$2.20	\$8.84	\$3.00	\$35.99	\$8.84	\$4.33	\$0.00	\$0.00	\$9.37	\$5.93	\$3.64	\$0.86	\$1.17	\$1.84	\$0.00	\$0.00
Commodity Charge \$/mo =	\$5.83	\$12.56	\$17.69	\$9.20	\$110.34	\$17.69	\$14.80	\$12.89	\$9.54	\$7.45	\$6.45	\$5.78	\$4.97	\$5.06	\$5.26	\$7.40	\$13.06
PPPS charge \$/mo =	\$1.34	\$2.88	\$4.06	\$2.11	\$25.32	\$4.06	\$3.40	\$2.96	\$2.19	\$1.71	\$1.48	\$1.33	\$1.14	\$1.16	\$1.21	\$1.70	\$3.00
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.04	\$0.05	\$0.03	\$0.33	\$0.05	\$0.04	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.02	\$0.02	\$0.04
Total Charge \$/mo =	\$24.61	\$52.06	\$74.22	\$38.33	\$459.99	\$74.22	\$61.62	\$53.05	\$39.27	\$32.18	\$27.49	\$24.39	\$20.61	\$21.04	\$21.94	\$30.45	\$53.74

Proposed Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$13.82	\$34.88	\$44.22	\$24.35	\$292.23	\$44.22	\$39.62	\$37.71	\$27.91	\$13.82	\$13.82	\$13.82	\$13.82	\$13.82	\$13.82	\$21.64	\$38.20
NBL charge \$/mo =	\$3.86	\$2.23	\$8.96	\$3.04	\$36.50	\$8.96	\$4.40	\$0.00	\$0.00	\$9.51	\$6.01	\$3.69	\$0.87	\$1.19	\$1.87	\$0.00	\$0.00
Commodity Charge \$/mo =	\$5.83	\$12.56	\$17.69	\$9.20	\$110.34	\$17.69	\$14.80	\$12.89	\$9.54	\$7.45	\$6.45	\$5.78	\$4.97	\$5.06	\$5.26	\$7.40	\$13.06
PPPS charge \$/mo =	\$1.34	\$2.88	\$4.06	\$2.11	\$25.32	\$4.06	\$3.40	\$2.96	\$2.19	\$1.71	\$1.48	\$1.33	\$1.14	\$1.16	\$1.21	\$1.70	\$3.00
G-PUC Regulatory Fee \$/mo =	\$0.02	\$0.04	\$0.05	\$0.03	\$0.33	\$0.05	\$0.04	\$0.04	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.02	\$0.02	\$0.04
Total Charge \$/mo =	\$24.86	\$52.59	\$74.98	\$38.73	\$464.71	\$74.98	\$62.26	\$53.59	\$39.67	\$32.51	\$27.78	\$24.64	\$20.83	\$21.25	\$22.17	\$30.76	\$54.29

Increase (decrease) \$/month	\$0.25	\$0.53	\$0.76	\$0.39	\$4.72	\$0.76	\$0.63	\$0.54	\$0.40	\$0.33	\$0.28	\$0.25	\$0.21	\$0.22	\$0.23	\$0.31	\$0.55
Increase (decrease) %	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%

SDG&E Residential Multi Family:

Total th used th/mo =	12	21	26	17	198	26	23	21	17	15	14	12	11	11	12	15	21
BL therms =	11	21	26	16	188	26	23	21	17	11	10	11	11	10	11	15	21
NBL therms =	2	0	0	1	11	0	0	0	0	4	4	1	0	1	1	0	0

BL Usage limit th/day =						1.082	1.082	1.082	1.082	0.345	0.345	0.345	0.345	0.345	0.345	1.082	1.082
# days in month =						31	28	31	30	31	30	31	31	30	31	30	31
BL usage limit th/mo =						34	30	34	32	11	10	11	11	10	11	32	34

Current Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$9.65	\$18.73	\$23.51	\$14.19	\$170.31	\$23.51	\$20.94	\$18.92	\$15.85	\$9.99	\$9.08	\$9.99	\$9.78	\$9.08	\$9.99	\$13.85	\$19.33
NBL charge \$/mo =	\$1.90	\$0.00	\$0.00	\$0.95	\$11.38	\$0.00	\$0.00	\$0.00	\$0.00	\$4.14	\$3.91	\$1.08	\$0.00	\$1.37	\$0.88	\$0.00	\$0.00
Commodity Charge \$/mo =	\$3.90	\$6.50	\$8.15	\$5.20	\$62.37	\$8.15	\$7.26	\$6.56	\$5.50	\$4.67	\$4.29	\$3.78	\$3.39	\$3.55	\$3.72	\$4.80	\$6.70
PPPS charge \$/mo =	\$0.89	\$1.49	\$1.87	\$1.19	\$14.31	\$1.87	\$1.67	\$1.51	\$1.26	\$1.07	\$0.98	\$0.87	\$0.78	\$0.81	\$0.85	\$1.10	\$1.54
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.02	\$0.02	\$0.02	\$0.18	\$0.02	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02
Total Charge \$/mo =	\$16.35	\$26.74	\$33.56	\$21.55	\$258.56	\$33.56	\$29.89	\$27.01	\$22.63	\$19.89	\$18.27	\$15.73	\$13.95	\$14.83	\$15.45	\$19.76	\$27.59

Proposed Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$9.79	\$19.01	\$23.86	\$14.40	\$172.80	\$23.86	\$21.25	\$19.20	\$16.09	\$10.13	\$9.21	\$10.13	\$9.92	\$9.21	\$10.13	\$14.05	\$19.61
NBL charge \$/mo =	\$1.92	\$0.00	\$0.00	\$0.96	\$11.54	\$0.00	\$0.00	\$0.00	\$0.00	\$4.20	\$3.96	\$1.10	\$0.00	\$1.39	\$0.89	\$0.00	\$0.00
Commodity Charge \$/mo =	\$3.90	\$6.50	\$8.15	\$5.20	\$62.37	\$8.15	\$7.26	\$6.56	\$5.50	\$4.67	\$4.29	\$3.78	\$3.39	\$3.55	\$3.72	\$4.80	\$6.70
PPPS charge \$/mo =	\$0.89	\$1.49	\$1.87	\$1.19	\$14.31	\$1.87	\$1.67	\$1.51	\$1.26	\$1.07	\$0.98	\$0.87	\$0.78	\$0.81	\$0.85	\$1.10	\$1.54
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.02	\$0.02	\$0.02	\$0.18	\$0.02	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02
Total Charge \$/mo =	\$16.52	\$27.02	\$33.91	\$21.77	\$261.21	\$33.91	\$30.20	\$27.29	\$22.86	\$20.09	\$18.46	\$15.89	\$14.10	\$14.98	\$15.61	\$19.97	\$27.87

Increase (decrease) \$/month	\$0.17	\$0.27	\$0.34	\$0.22	\$2.65	\$0.34	\$0.31	\$0.28	\$0.23	\$0.20	\$0.19	\$0.16	\$0.14	\$0.15	\$0.16	\$0.20	\$0.28
Increase (decrease) %	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%

SDG&E Residential CARE:

Total th used th/mo =	17	31	40	24	283	40	35	31	25	21	18	16	14	14	15	20	32
BL therms =	15	31	40	23	273	40	35	31	25	15	15	15	14	14	15	20	32
NBL therms =	2	0	0	1	11	0	0	0	0	6	3	1	0	0	0	0	0

Current Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$10.75	\$22.27	\$29.31	\$16.51	\$198.10	\$29.31	\$25.57	\$22.84	\$18.13	\$10.90	\$10.90	\$10.90	\$10.43	\$10.49	\$10.90	\$14.73	\$23.01
NBL charge \$/mo =	\$1.53	\$0.00	\$0.00	\$0.77	\$9.18	\$0.00	\$0.00	\$0.00	\$0.00	\$5.08	\$2.73	\$1.13	\$0.00	\$0.00	\$0.24	\$0.00	\$0.00
Commodity Charge \$/mo =	\$4.17	\$7.72	\$10.16	\$5.95	\$71.37	\$10.16	\$8.87	\$7.92	\$6.29	\$5.25	\$4.57	\$4.11	\$3.62	\$3.64	\$3.85	\$5.11	\$7.98
PPPS charge \$/mo =	\$0.47	\$0.87	\$1.15	\$0.67	\$8.06	\$1.15	\$1.00	\$0.89	\$0.71	\$0.59	\$0.52	\$0.46	\$0.41	\$0.41	\$0.43	\$0.58	\$0.90
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.02	\$0.03	\$0.02	\$0.21	\$0.03	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02	\$0.02
Total Charge \$/mo =	\$16.94	\$30.88	\$40.65	\$23.91	\$286.92	\$40.65	\$35.47	\$31.68	\$25.14	\$21.84	\$18.73	\$16.62	\$14.47	\$14.55	\$15.42	\$20.43	\$31.92

Proposed Rates:

Customer Charge \$/mo =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BL charges \$/mo =	\$10.91	\$22.59	\$29.74	\$16.75	\$201.00	\$29.74	\$25.95	\$23.18	\$18.39	\$11.06	\$11.06	\$11.06	\$10.59	\$10.64	\$11.06	\$14.95	\$23.35
NBL charge \$/mo =	\$1.55	\$0.00	\$0.00	\$0.78	\$9.31	\$0.00	\$0.00	\$0.00	\$0.00	\$5.15	\$2.77	\$1.15	\$0.00	\$0.00	\$0.24	\$0.00	\$0.00
Commodity Charge \$/mo =	\$4.17	\$7.72	\$10.16	\$5.95	\$71.37	\$10.16	\$8.87	\$7.92	\$6.29	\$5.25	\$4.57	\$4.11	\$3.62	\$3.64	\$3.85	\$5.11	\$7.98
PPPS charge \$/mo =	\$0.47	\$0.87	\$1.15	\$0.67	\$8.06	\$1.15	\$1.00	\$0.89	\$0.71	\$0.59	\$0.52	\$0.46	\$0.41	\$0.41	\$0.43	\$0.58	\$0.90
G-PUC Regulatory Fee \$/mo =	\$0.01	\$0.02	\$0.03	\$0.02	\$0.21	\$0.03	\$0.03	\$0.02	\$0.02	\$0.02	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.02	\$0.02
Total Charge \$/mo =	\$17.12	\$31.21	\$41.08	\$24.16	\$289.95	\$41.08	\$35.84	\$32.02	\$25.41	\$22.07	\$18.93	\$16.79	\$14.62	\$14.70	\$15.59	\$20.65	\$32.25

Increase (decrease) \$/month	\$0.18	\$0.33	\$0.43	\$0.25	\$3.03	\$0.43	\$0.37	\$0.33	\$0.27	\$0.23	\$0.20	\$0.18	\$0.15	\$0.15	\$0.16	\$0.22	\$0.34
Increase (decrease) %	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%	1.1%

Pipeline Safety Reliability Project Rate Impacts

A. 15-09-013

Witness: J. Bonnett

	SoCalGas Core Procurement (G-CP)		SDGE Core Procurement (GPC)	
		Source		Source
Feb-15	\$0.33656	AL 4748	\$0.33680	AL 2357-G
Mar-15	\$0.33244	AL 4769	\$0.33268	AL 2365-G
Apr-15	\$0.29738	AL 4787	\$0.29759	AL 2374-G
May-15	\$0.28577	AL 4796	\$0.28597	AL 2380-G
Jun-15	\$0.33042	AL 4812	\$0.33065	AL 2387-G
Jul-15	\$0.32833	AL 4824	\$0.32857	AL 2395-G
Aug-15	\$0.34256	AL 4841	\$0.34281	AL 2401-G
Sep-15	\$0.32949	AL 4854	\$0.32973	AL 2413-G
Oct-15	\$0.32136	AL 4865	\$0.32159	AL 2421-G
Nov-15	\$0.27684	AL 4883	\$0.27704	AL 2426-G
Dec-15	\$0.32322	AL 4900	\$0.32346	AL 2436-G
Jan-16	\$0.27193	AL 4913	\$0.27212	AL 2447-G
Average	\$0.31469		\$0.31492	