

**Southern California Gas Company and
San Diego Gas & Electric
2027 CAP**

**Chapter 12a Workpapers to the
Prepared Direct Testimony of Michael
Foster**

**Rate Design
(SoCalGas)**

Revised - Redline December 29, 2025

2024 Residential Fixed Cost and Fixed Charge data from AGA

Region	Fixed Charge (2024)
National Average	18.85
Change in Simple Average by Removing Pacific	1.21
Estimated National Average Excluding Pacific Region	20.06

Simple Average Of all Regions	17.20
Simple Average of all Regions Except Pacific	18.41
Change in Simple Average by Removing Pacific	1.21

Census Region	Pacific	East North Central	East South Central	Middle Atlantic	Mountain	New England	South Atlantic	West North Central	West South Central	National Excluding Pacific
AGA Reported Customer Fixed Charge in 2024	7.53	23.52	17.54	19.39	12.00	14.06	14.69	22.95	23.12	20.06
Escalated to 2028	8.08	25.23	18.82	20.80	12.87	15.08	15.76	24.62	24.80	21.52
Escalated to 2029	8.23	25.71	19.18	21.20	13.12	15.37	16.06	25.09	25.28	21.93

2024	7.53	23.52	17.54	19.39	12.00	14.06	14.69	22.95	23.12	20.06
2025	100%	7.55	23.60	17.60	19.45	12.04	14.11	14.74	23.03	20.12
2026	103%	7.76	24.23	18.07	19.97	12.36	14.48	15.13	23.64	20.66
2027	102%	7.94	24.79	18.49	20.44	12.65	14.82	15.48	24.19	21.14
2028	102%	8.08	25.23	18.82	20.80	12.87	15.08	15.76	24.62	21.52
2029	102%	8.23	25.71	19.18	21.20	13.12	15.37	16.06	25.09	21.93

Recovery Rate	0.16	0.64	0.48	0.34	0.42	0.31	0.48	0.55	0.85	0.46
Recovery Rate	0.16	0.64	0.48	0.34	0.42	0.31	0.48	0.55	0.85	50%

National Average Reported by AGA

National Average Excluding Pacific

Census Region	Pacific	East North Central	East South Central	Middle Atlantic	Mountain	New England	South Atlantic	West North Central	West South Central	National Excluding Pacific
Implied 2024 Fixed Cost of Service	47.06	36.75	36.54	57.03	28.57	45.35	30.60	41.73	27.20	40.22
Escalated to 2028	50.49	39.43	39.20	61.19	30.65	48.66	32.83	44.77	29.18	43.15
Escalated to 2029	51.45	40.18	39.95	62.35	31.24	49.59	33.46	45.62	29.74	43.97

Capital Related Costs, Annual Growth Rates								O&M Related Costs, Annual Growth Rates				
Year	Steel Services	Plastic Services	Meters	Meter Installations	House Regulators	Installations	Average Annual Growth	Labor	Gas Nonlabor O&M	Average Annual Growth	Weighted Average Annual Growth	Monthly Customer Fixed Charge Escalated
1994	104%	102%	99%	108%	102%	108%	104%	104%	103%	103%	104%	\$ 12.83
1995	103%	104%	101%	104%	100%	104%	103%	103%	103%	103%	103%	\$ 13.20
1996	102%	102%	101%	100%	100%	100%	101%	103%	102%	103%	102%	\$ 13.44
1997	102%	102%	102%	102%	100%	102%	102%	104%	102%	103%	103%	\$ 13.79
1998	102%	102%	100%	101%	101%	101%	101%	104%	102%	103%	102%	\$ 14.08
1999	102%	102%	97%	102%	100%	102%	101%	103%	102%	102%	102%	\$ 14.33
2000	102%	102%	106%	104%	100%	104%	103%	103%	104%	103%	103%	\$ 14.79
2001	102%	102%	104%	101%	102%	101%	102%	104%	103%	103%	103%	\$ 15.18
2002	103%	103%	96%	102%	102%	102%	101%	102%	102%	102%	102%	\$ 15.42
2003	103%	102%	96%	105%	100%	104%	102%	103%	103%	103%	102%	\$ 15.80
2004	109%	103%	95%	124%	102%	123%	109%	103%	104%	104%	106%	\$ 16.78
2005	111%	105%	101%	125%	105%	123%	112%	104%	105%	104%	108%	\$ 18.08
2006	104%	104%	106%	104%	106%	104%	105%	103%	104%	103%	104%	\$ 18.79
2007	100%	104%	115%	95%	106%	96%	103%	102%	103%	103%	103%	\$ 19.30
2008	108%	105%	110%	117%	104%	117%	110%	103%	105%	104%	107%	\$ 20.67
2009	102%	105%	102%	97%	102%	97%	101%	102%	100%	101%	101%	\$ 20.84
2010	103%	103%	99%	105%	103%	105%	103%	102%	103%	102%	103%	\$ 21.38
2011	107%	103%	101%	113%	103%	112%	107%	103%	104%	103%	105%	\$ 22.40
2012	106%	103%	105%	110%	102%	110%	106%	103%	102%	102%	104%	\$ 23.30
2013	100%	102%	108%	98%	102%	99%	101%	102%	102%	102%	102%	\$ 23.69
2014	102%	103%	121%	100%	103%	100%	105%	102%	102%	102%	103%	\$ 24.41
2015	100%	102%	108%	96%	103%	97%	101%	104%	100%	102%	102%	\$ 24.78
2016	101%	103%	107%	98%	102%	99%	102%	104%	101%	102%	102%	\$ 25.26
2017	104%	102%	112%	107%	103%	106%	106%	103%	102%	102%	104%	\$ 26.24
2018	104%	102%	108%	107%	108%	107%	106%	101%	103%	102%	104%	\$ 27.27
2019	103%	103%	106%	103%	105%	103%	104%	100%	102%	101%	102%	\$ 27.92
2020	104%	102%	94%	108%	99%	108%	102%	104%	100%	102%	102%	\$ 28.54
2021	112%	106%	100%	121%	103%	120%	110%	104%	107%	106%	108%	\$ 30.76
2022	112%	105%	113%	120%	118%	119%	114%	106%	111%	108%	111%	\$ 34.16
2023	111%	104%	108%	120%	114%	119%	113%	105%	103%	104%	108%	\$ 36.87
2024	102%	104%	108%	100%	114%	100%	105%	102%	102%	102%	103%	\$ 38.13
2025	105%	106%	59%	104%	107%	104%	98%	102%	103%	103%	100%	\$ 38.26
2026	101%	104%	112%	98%	102%	98%	103%	103%	102%	103%	103%	\$ 39.28
2027	101%	102%	110%	99%	101%	100%	102%	103%	102%	103%	102%	\$ 40.20
2028	101%	101%	104%	100%	100%	101%	101%	103%	102%	102%	102%	\$ 40.91
2029	101%	100%	104%	102%	99%	102%	101%	103%	102%	102%	102%	\$ 41.69

Source: S&P Global Market Intelligence

The initial value of \$12.83 monthly fixed charge is the monthly average based on \$154 annual customer cost estimated in 1994.

The Weighted Average Annual Growth applied to the monthly fixed customer charge, beginning in 1995, is calculated as the weighted average of annual growth rates for capital and operations and maintenance (O&M) costs. The weights—46% for capital and 54% for O&M—reflect their respective shares in estimated customer fixed costs for 2024. Growth rates for capital and O&M are derived from the average annual changes in cost indices published in S&P Global Market Intelligence's* Cost Trends of Gas Utility Construction (Pacific Region), as shown in the table above.

2025-2029 growth rates are based on S&P Global Second Quarter 2025 Power Planner utility cost forecast (published in July 2025).

Monthly * Weights are approximated based on proportions in estimated fixed customer costs in 2024

Capital	46%	O&M	54%
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Indices	Steel Services	Plastic Services	Meters	Meter Installations	House Regulators	House Regulator Installations	Labor	Gas Nonlabor O&M
	JUGPDSV	JUGPDS	JUGPD	JUGPDMTI	JUGPDRH	JUGPDRHI	CEU44220	JGTOTALMS
Year	S@PCF	VP@PC F	MT@P CF	@PCF	@PCF	@PCF	00008	
1993	319.3	318.5	190.5	329.0	297.3	329.3	17.96	0.58
1994	332.5	326.3	188.5	355.8	303.3	354.8	18.67	0.60
1995	342.3	338.0	190.0	371.0	302.3	370.3	19.19	0.62
1996	347.8	344.3	191.8	369.8	303.3	369.8	19.78	0.63
1997	356.0	351.0	195.5	378.5	302.8	378.0	20.59	0.65
1998	361.8	357.0	196.0	381.0	306.8	380.5	21.48	0.66
1999	370.8	364.5	190.8	390.0	305.5	389.5	22.03	0.67
2000	380.0	370.0	201.8	407.3	305.3	405.5	22.75	0.70
2001	385.8	378.5	209.3	410.0	311.8	409.3	23.58	0.72
2002	395.8	391.5	201.5	417.5	318.5	417.5	23.96	0.73
2003	406.8	400.0	192.8	437.0	317.8	436.0	24.77	0.75
2004	443.5	413.0	182.8	542.8	322.8	534.3	25.61	0.78
2005	494.0	434.0	185.3	677.0	339.5	659.3	26.70	0.82
2006	513.5	453.0	196.8	705.3	358.3	686.8	27.40	0.85
2007	516.0	471.8	227.0	672.0	379.5	657.8	27.87	0.88
2008	558.6	496.5	250.5	789.1	395.8	788.3	28.84	0.92
2009	567.0	519.8	255.5	762.3	404.5	746.0	29.48	0.92
2010	586.8	532.8	253.3	803.3	414.8	786.8	30.04	0.94
2011	625.5	550.8	256.3	907.5	429.3	884.8	30.82	0.98
2012	662.3	569.5	268.5	999.5	437.8	970.8	31.61	1.00
2013	665.3	579.8	289.0	983.8	445.8	958.0	32.27	1.02
2014	676.3	594.3	349.3	983.8	457.8	959.5	32.86	1.03
2015	678.3	607.5	376.0	949.3	472.0	929.0	34.02	1.03
2016	685.0	623.8	401.5	932.0	482.5	915.5	35.32	1.04
2017	712.5	639.3	450.3	994.5	498.5	974.5	36.22	1.06
2018	743.8	650.8	485.0	1065.0	539.3	1040.0	36.76	1.09
2019	764.6	668.1	515.4	1101.2	566.0	1074.5	36.91	1.11
2020	795.1	683.2	486.3	1186.8	558.7	1155.7	38.47	1.11
2021	892.3	725.5	484.0	1441.5	574.3	1392.3	40.00	1.19
2022	996.8	763.5	546.8	1726.3	679.8	1655.5	42.25	1.31
2023	1106.6	792.0	590.0	2071.1	776.3	1974.6	44.30	1.35
2024	1133.0	824.8	637.4	2069.7	882.2	1976.5	45.37	1.39
2025	1185.6	874.0	377.2	2152.0	947.3	2055.9	46.45	1.43
2026	1196.7	908.4	423.4	2109.7	964.0	2023.7	48.01	1.46
2027	1204.9	928.7	466.3	2093.0	968.9	2014.2	49.62	1.48
2028	1213.9	933.9	486.7	2103.4	967.1	2029.0	51.13	1.51
2029	1230.0	936.2	506.9	2141.3	961.8	2068.6	52.60	1.53

SoCalGas Minimum Residential Fixed Cost of Service

Total CARE Residential Customers	1,732,285	30%
Total non-CARE Residential Customers	4,112,181	70%
Total Residential Customers	5,844,466	

Residential Portion of Customer Costs

Total Embedded Customer Related Costs	1,725,142,306
Residential Portion of Customer Costs:	86.16%
Total Residential Embedded Customer Related Costs	1,486,457,344

Minimum Fixed cost per meter per year	254.34
Minimum Fixed cost per meter per month	21.19

Effective Fixed Charge CARE Discount	50%
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CARE Fixed Charge w/50% CARE Discount	12.44
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non-CARE Fixed Charge w/50% CARE Discount	24.88
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Weighted Average Fixed Charge	21.19
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SoCalGas Fixed Customer Charge Proposal

	Current	2027	2028	2029
CARE Fixed Customer Charge \$/month	\$5.0	\$5.0	\$7.5	\$12.5
Non-CARE Fixed Customer Charge \$/month	\$5.0	\$5.0	\$12.0	\$20.0
Effective CARE Fixed customer charge After 20% CARE Discount \$/month	\$4.0	\$4.0	\$6.0	\$10.0

Residential Rate Impact of SoCalGas's Fixed Charge Proposal (2027 assumes no change to fixed charge)

non-CARE	2027	2028			2029		
	\$5 fixed Charge Rate	\$12 fixed Charge Rate	Change vs 2027		\$20 fixed Charge Rate	Change vs 2027	
Baseline Rate	1.31275	1.00848	-0.30427	-23%	0.63245	-0.68030	-52%
Non-Baseline Rate	1.86559	1.86646	0.00087	0%	1.86754	0.00196	0%
PPPS Rate	0.15520	0.15083	-0.00437	-3%	0.14792	-0.00728	-5%

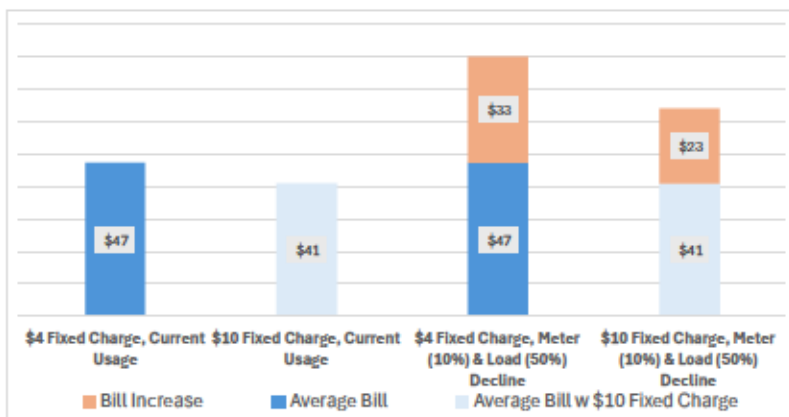
CARE	2027	2028			2029		
	\$4 fixed Charge Rate	\$6 fixed Charge Rate	Change vs 2027		\$10 fixed Charge Rate	Change vs 2027	
Baseline Rate	1.05020	0.80678	-0.24342	-23%	0.50596	-0.54424	-52%
Non-Baseline Rate	1.49247	1.49317	0.00070	0%	1.49404	0.00156	0%
PPPS Rate	0.09302	0.09302	0.00000	0%	0.09302	0.00000	0%

Residential Bill Impacts with load and meter Loss

10% meter, 50 load decline

	\$4 Fixed Charge, Current Usage	\$10 Fixed Charge, Current Usage	\$4 Fixed Charge, Meter (10%) & Load (50%) Decline	\$10 Fixed Charge, Meter (10%) & Load (50%) Decline
CARE	47.23		79.79	63.97
Average Bill	\$ 47	\$ 41	\$ 47	\$ 41
Bill Increase	\$ -	\$ 33	\$ 23	
Average Bill w \$10 Fixed Charge		\$ 41		\$ 64

Chart - :Partial Electrification Scenario-Mitigating SoCalGas CARE Customers Future Bills Using Higher Residential Fixed Charge



				3	
				11	14
Chart Series(CARE):				\$10 Fixed Charge	
Chart Series(non-CARE):				\$20 Fixed Charge	
Volume Assumptions for this Graph					
03- Rate Change: July 1, 2025					
Rate Assumption for Each line on this graph					
11-CAP Step 4 -??? - FULL				14-CAP Step 5 -Fixed Customer	
CAP without Fixed Charge				Change 2029	
Customer Class	Type	Units	Descriptor		
Residential	Baseline Limit	th/day	January	1.60000	1.60000
Residential	Baseline Limit	th/day	February	1.60000	1.60000
Residential	Baseline Limit	th/day	March	0.87363	0.87363
Residential	Baseline Limit	th/day	April	0.87363	0.87363
Residential	Baseline Limit	th/day	May	0.42391	0.42391
Residential	Baseline Limit	th/day	June	0.42391	0.42391
Residential	Baseline Limit	th/day	July	0.42391	0.42391
Residential	Baseline Limit	th/day	August	0.42391	0.42391
Residential	Baseline Limit	th/day	September	0.42391	0.42391
Residential	Baseline Limit	th/day	October	0.42391	0.42391
Residential	Baseline Limit	th/day	November	0.87363	0.87363
Residential	Baseline Limit	th/day	December	1.60000	1.60000
Residential	Baseline Limit	th/month	January	50.0	50.0
Residential	Baseline Limit	th/month	February	45.0	45.0
Residential	Baseline Limit	th/month	March	27.0	27.0
Residential	Baseline Limit	th/month	April	26.0	26.0
Residential	Baseline Limit	th/month	May	13.0	13.0
Residential	Baseline Limit	th/month	June	13.0	13.0
Residential	Baseline Limit	th/month	July	13.0	13.0
Residential	Baseline Limit	th/month	August	13.0	13.0
Residential	Baseline Limit	th/month	September	13.0	13.0
Residential	Baseline Limit	th/month	October	13.0	13.0
Residential	Baseline Limit	th/month	November	26.0	26.0
Residential	Baseline Limit	th/month	December	50.0	50.0
Class Average	Usage	th/month	January	65	65
Class Average	Usage	th/month	February	58	58
Class Average	Usage	th/month	March	52	52
Class Average	Usage	th/month	April	42	42
Class Average	Usage	th/month	May	30	30
Class Average	Usage	th/month	June	26	26
Class Average	Usage	th/month	July	22	22
Class Average	Usage	th/month	August	19	19
Class Average	Usage	th/month	September	19	19
Class Average	Usage	th/month	October	22	22
Class Average	Usage	th/month	November	31	31
Class Average	Usage	th/month	December	49	49
CARE	Usage	th/month	January	45	45
CARE	Usage	th/month	February	40	40
CARE	Usage	th/month	March	37	37
CARE	Usage	th/month	April	30	30
CARE	Usage	th/month	May	22	22
CARE	Usage	th/month	June	19	19
CARE	Usage	th/month	July	17	17
CARE	Usage	th/month	August	15	15
CARE	Usage	th/month	September	15	15
CARE	Usage	th/month	October	17	17
CARE	Usage	th/month	November	23	23
CARE	Usage	th/month	December	34	34
Single Family	Customer Charge	\$/month		5.00	20.00
Multi-Family	Customer Charge	\$/month		5.00	20.00
CARE	Customer Charge	\$/month		4.00	10.00
Single Family	Customer Charge	\$/day		0.16438	0.65753
Multi-Family	Customer Charge	\$/day		0.16438	0.65753
CARE	Customer Charge	\$/day		0.13151	0.32877
Residential	BL Rate	\$/therm		1.31275	0.63245
Residential	NBL Rate	\$/therm		1.86559	1.86754

Residential	G-CP	\$/therm		0.56910	0.56910
Residential	PPPS Non-CARE	\$/therm		0.15520	0.14792
Residential	PPPS CARE	\$/therm		0.09302	0.09302
Residential	G-SRF	\$/therm		0.00250	0.00250
Class Average	Baseline Usage	th/month	January	50.0	50.0
Class Average	Baseline Usage	th/month	February	45.0	45.0
Class Average	Baseline Usage	th/month	March	27.0	27.0
Class Average	Baseline Usage	th/month	April	26.0	26.0
Class Average	Baseline Usage	th/month	May	13.0	13.0
Class Average	Baseline Usage	th/month	June	13.0	13.0
Class Average	Baseline Usage	th/month	July	13.0	13.0
Class Average	Baseline Usage	th/month	August	13.0	13.0
Class Average	Baseline Usage	th/month	September	13.0	13.0
Class Average	Baseline Usage	th/month	October	13.0	13.0
Class Average	Baseline Usage	th/month	November	26.0	26.0
Class Average	Baseline Usage	th/month	December	48.6	48.6
Class Average	Non-baseline Usage	th/month	January	15.2	15.2
Class Average	Non-baseline Usage	th/month	February	13.4	13.4
Class Average	Non-baseline Usage	th/month	March	25.2	25.2
Class Average	Non-baseline Usage	th/month	April	15.7	15.7
Class Average	Non-baseline Usage	th/month	May	17.1	17.1
Class Average	Non-baseline Usage	th/month	June	13.4	13.4
Class Average	Non-baseline Usage	th/month	July	9.0	9.0
Class Average	Non-baseline Usage	th/month	August	6.0	6.0
Class Average	Non-baseline Usage	th/month	September	6.0	6.0
Class Average	Non-baseline Usage	th/month	October	9.4	9.4
Class Average	Non-baseline Usage	th/month	November	5.0	5.0
Class Average	Non-baseline Usage	th/month	December	-	-
Class Average	Customer Charge	\$/month	January	5.10	20.38
Class Average	Customer Charge	\$/month	February	4.60	18.41
Class Average	Customer Charge	\$/month	March	5.10	20.38
Class Average	Customer Charge	\$/month	April	4.93	19.73
Class Average	Customer Charge	\$/month	May	5.10	20.38
Class Average	Customer Charge	\$/month	June	4.93	19.73
Class Average	Customer Charge	\$/month	July	5.10	20.38
Class Average	Customer Charge	\$/month	August	5.10	20.38
Class Average	Customer Charge	\$/month	September	4.93	19.73
Class Average	Customer Charge	\$/month	October	5.10	20.38
Class Average	Customer Charge	\$/month	November	4.93	19.73
Class Average	Customer Charge	\$/month	December	5.10	20.38
Class Average	Baseline Charge	\$/month	January	65.64	31.62
Class Average	Baseline Charge	\$/month	February	59.07	28.46
Class Average	Baseline Charge	\$/month	March	35.44	17.08
Class Average	Baseline Charge	\$/month	April	34.13	16.44
Class Average	Baseline Charge	\$/month	May	17.07	8.22
Class Average	Baseline Charge	\$/month	June	17.07	8.22
Class Average	Baseline Charge	\$/month	July	17.07	8.22
Class Average	Baseline Charge	\$/month	August	17.07	8.22
Class Average	Baseline Charge	\$/month	September	17.07	8.22
Class Average	Baseline Charge	\$/month	October	17.07	8.22
Class Average	Baseline Charge	\$/month	November	34.13	16.44
Class Average	Baseline Charge	\$/month	December	63.78	30.73
Class Average	Non-baseline Charge	\$/month	January	28.28	28.31
Class Average	Non-baseline Charge	\$/month	February	24.95	24.98
Class Average	Non-baseline Charge	\$/month	March	46.99	47.04
Class Average	Non-baseline Charge	\$/month	April	29.32	29.35
Class Average	Non-baseline Charge	\$/month	May	31.91	31.94
Class Average	Non-baseline Charge	\$/month	June	24.99	25.02
Class Average	Non-baseline Charge	\$/month	July	16.76	16.77
Class Average	Non-baseline Charge	\$/month	August	11.21	11.22
Class Average	Non-baseline Charge	\$/month	September	11.12	11.14
Class Average	Non-baseline Charge	\$/month	October	17.46	17.48
Class Average	Non-baseline Charge	\$/month	November	9.30	9.31
Class Average	Non-baseline Charge	\$/month	December	-	-
Class Average	Commodity Charge	\$/month	January	37.08	37.08
Class Average	Commodity Charge	\$/month	February	33.22	33.22
Class Average	Commodity Charge	\$/month	March	29.70	29.70
Class Average	Commodity Charge	\$/month	April	23.74	23.74
Class Average	Commodity Charge	\$/month	May	17.13	17.13
Class Average	Commodity Charge	\$/month	June	15.02	15.02

Class Average	Commodity Charge	\$/month	July	12.51	12.51
Class Average	Commodity Charge	\$/month	August	10.82	10.82
Class Average	Commodity Charge	\$/month	September	10.79	10.79
Class Average	Commodity Charge	\$/month	October	12.73	12.73
Class Average	Commodity Charge	\$/month	November	17.63	17.63
Class Average	Commodity Charge	\$/month	December	27.65	27.65
Class Average	PPPS Charge	\$/month	January	10.11	9.64
Class Average	PPPS Charge	\$/month	February	9.06	8.63
Class Average	PPPS Charge	\$/month	March	8.10	7.72
Class Average	PPPS Charge	\$/month	April	6.47	6.17
Class Average	PPPS Charge	\$/month	May	4.67	4.45
Class Average	PPPS Charge	\$/month	June	4.10	3.90
Class Average	PPPS Charge	\$/month	July	3.41	3.25
Class Average	PPPS Charge	\$/month	August	2.95	2.81
Class Average	PPPS Charge	\$/month	September	2.94	2.81
Class Average	PPPS Charge	\$/month	October	3.47	3.31
Class Average	PPPS Charge	\$/month	November	4.81	4.58
Class Average	PPPS Charge	\$/month	December	7.54	7.19
Class Average	G-PUC Regulatory Fee	\$/month	January	0.16	0.16
Class Average	G-PUC Regulatory Fee	\$/month	February	0.15	0.15
Class Average	G-PUC Regulatory Fee	\$/month	March	0.13	0.13
Class Average	G-PUC Regulatory Fee	\$/month	April	0.10	0.10
Class Average	G-PUC Regulatory Fee	\$/month	May	0.08	0.08
Class Average	G-PUC Regulatory Fee	\$/month	June	0.07	0.07
Class Average	G-PUC Regulatory Fee	\$/month	July	0.05	0.05
Class Average	G-PUC Regulatory Fee	\$/month	August	0.05	0.05
Class Average	G-PUC Regulatory Fee	\$/month	September	0.05	0.05
Class Average	G-PUC Regulatory Fee	\$/month	October	0.06	0.06
Class Average	G-PUC Regulatory Fee	\$/month	November	0.08	0.08
Class Average	G-PUC Regulatory Fee	\$/month	December	0.12	0.12
Class Average	Total Bill	\$/month	Jan	146.37	127.20
Class Average	Total Bill	\$/month	Feb	131.06	113.85
Class Average	Total Bill	\$/month	Mar	125.46	122.05
Class Average	Total Bill	\$/month	Apr	98.71	95.54
Class Average	Total Bill	\$/month	May	75.95	82.21
Class Average	Total Bill	\$/month	Jun	66.18	71.96
Class Average	Total Bill	\$/month	Jul	54.89	61.20
Class Average	Total Bill	\$/month	Aug	47.19	53.50
Class Average	Total Bill	\$/month	Sep	46.90	52.73
Class Average	Total Bill	\$/month	Oct	55.88	62.18
Class Average	Total Bill	\$/month	Nov	70.89	67.78
Class Average	Total Bill	\$/month	Dec	104.19	86.07
Class Average		\$/month	Monthly	85.31	83.02
Class Average	Total Bill	\$/month	Average	85.31	83.02
Class Average	Monthly Usage	th/month	Average	36	36
Class Average	Total Bill	\$/month	Summer Average	57.83	63.96
Class Average	Total Bill	\$/month	Winter Average	112.78	102.08
Class Average	Total Bill	\$/month	Peak Winter	146.37	127.20
CARE	Baseline Usage	th/month	January	44.7	44.7
CARE	Baseline Usage	th/month	February	40.1	40.1
CARE	Baseline Usage	th/month	March	27.0	27.0
CARE	Baseline Usage	th/month	April	26.0	26.0
CARE	Baseline Usage	th/month	May	13.0	13.0
CARE	Baseline Usage	th/month	June	13.0	13.0
CARE	Baseline Usage	th/month	July	13.0	13.0
CARE	Baseline Usage	th/month	August	13.0	13.0
CARE	Baseline Usage	th/month	September	13.0	13.0
CARE	Baseline Usage	th/month	October	13.0	13.0
CARE	Baseline Usage	th/month	November	22.5	22.5
CARE	Baseline Usage	th/month	December	34.3	34.3
CARE	Non-baseline Usage	th/month	January	-	-
CARE	Non-baseline Usage	th/month	February	-	-
CARE	Non-baseline Usage	th/month	March	9.6	9.6
CARE	Non-baseline Usage	th/month	April	3.5	3.5
CARE	Non-baseline Usage	th/month	May	9.1	9.1
CARE	Non-baseline Usage	th/month	June	6.4	6.4
CARE	Non-baseline Usage	th/month	July	3.6	3.6
CARE	Non-baseline Usage	th/month	August	1.9	1.9
CARE	Non-baseline Usage	th/month	September	2.3	2.3
CARE	Non-baseline Usage	th/month	October	3.8	3.8

CARE	Non-baseline Usage	th/month	November	-	-
CARE	Non-baseline Usage	th/month	December	-	-
CARE	Customer Charge	\$/month	January	4.08	10.19
CARE	Customer Charge	\$/month	February	3.68	9.21
CARE	Customer Charge	\$/month	March	4.08	10.19
CARE	Customer Charge	\$/month	April	3.95	9.86
CARE	Customer Charge	\$/month	May	4.08	10.19
CARE	Customer Charge	\$/month	June	3.95	9.86
CARE	Customer Charge	\$/month	July	4.08	10.19
CARE	Customer Charge	\$/month	August	4.08	10.19
CARE	Customer Charge	\$/month	September	3.95	9.86
CARE	Customer Charge	\$/month	October	4.08	10.19
CARE	Customer Charge	\$/month	November	3.95	9.86
CARE	Customer Charge	\$/month	December	4.08	10.19
CARE	Baseline Charge	\$/month	January	46.94	22.61
CARE	Baseline Charge	\$/month	February	42.12	20.29
CARE	Baseline Charge	\$/month	March	28.36	13.66
CARE	Baseline Charge	\$/month	April	27.31	13.15
CARE	Baseline Charge	\$/month	May	13.65	6.58
CARE	Baseline Charge	\$/month	June	13.65	6.58
CARE	Baseline Charge	\$/month	July	13.65	6.58
CARE	Baseline Charge	\$/month	August	13.65	6.58
CARE	Baseline Charge	\$/month	September	13.65	6.58
CARE	Baseline Charge	\$/month	October	13.65	6.58
CARE	Baseline Charge	\$/month	November	23.68	11.41
CARE	Baseline Charge	\$/month	December	36.04	17.37
CARE	Non-baseline Charge	\$/month	January	-	-
CARE	Non-baseline Charge	\$/month	February	-	-
CARE	Non-baseline Charge	\$/month	March	14.37	14.39
CARE	Non-baseline Charge	\$/month	April	5.27	5.28
CARE	Non-baseline Charge	\$/month	May	13.57	13.58
CARE	Non-baseline Charge	\$/month	June	9.59	9.60
CARE	Non-baseline Charge	\$/month	July	5.43	5.44
CARE	Non-baseline Charge	\$/month	August	2.80	2.80
CARE	Non-baseline Charge	\$/month	September	3.46	3.47
CARE	Non-baseline Charge	\$/month	October	5.60	5.61
CARE	Non-baseline Charge	\$/month	November	-	-
CARE	Non-baseline Charge	\$/month	December	-	-
CARE	Commodity Charge	\$/month	January	20.35	20.35
CARE	Commodity Charge	\$/month	February	18.26	18.26
CARE	Commodity Charge	\$/month	March	16.68	16.68
CARE	Commodity Charge	\$/month	April	13.45	13.45
CARE	Commodity Charge	\$/month	May	10.06	10.06
CARE	Commodity Charge	\$/month	June	8.84	8.84
CARE	Commodity Charge	\$/month	July	7.58	7.58
CARE	Commodity Charge	\$/month	August	6.77	6.77
CARE	Commodity Charge	\$/month	September	6.97	6.97
CARE	Commodity Charge	\$/month	October	7.63	7.63
CARE	Commodity Charge	\$/month	November	10.26	10.26
CARE	Commodity Charge	\$/month	December	15.63	15.63
CARE	PPPS Charge	\$/month	January	4.16	4.16
CARE	PPPS Charge	\$/month	February	3.73	3.73
CARE	PPPS Charge	\$/month	March	3.41	3.41
CARE	PPPS Charge	\$/month	April	2.75	2.75
CARE	PPPS Charge	\$/month	May	2.05	2.05
CARE	PPPS Charge	\$/month	June	1.81	1.81
CARE	PPPS Charge	\$/month	July	1.55	1.55
CARE	PPPS Charge	\$/month	August	1.38	1.38
CARE	PPPS Charge	\$/month	September	1.43	1.43
CARE	PPPS Charge	\$/month	October	1.56	1.56
CARE	PPPS Charge	\$/month	November	2.10	2.10
CARE	PPPS Charge	\$/month	December	3.19	3.19
CARE	G-PUC Regulatory Fee	\$/month	January	0.11	0.11
CARE	G-PUC Regulatory Fee	\$/month	February	0.10	0.10
CARE	G-PUC Regulatory Fee	\$/month	March	0.09	0.09
CARE	G-PUC Regulatory Fee	\$/month	April	0.07	0.07
CARE	G-PUC Regulatory Fee	\$/month	May	0.06	0.06
CARE	G-PUC Regulatory Fee	\$/month	June	0.05	0.05
CARE	G-PUC Regulatory Fee	\$/month	July	0.04	0.04
CARE	G-PUC Regulatory Fee	\$/month	August	0.04	0.04

CARE	G-PUC Regulatory Fee	\$/month	September	0.04	0.04
CARE	G-PUC Regulatory Fee	\$/month	October	0.04	0.04
CARE	G-PUC Regulatory Fee	\$/month	November	0.06	0.06
CARE	G-PUC Regulatory Fee	\$/month	December	0.09	0.09
CARE	Total Bill	\$/month	Jan	75.63	57.42
CARE	Total Bill	\$/month	Feb	67.89	51.59
CARE	Total Bill	\$/month	Mar	66.98	58.42
CARE	Total Bill	\$/month	Apr	52.79	44.56
CARE	Total Bill	\$/month	May	43.46	42.52
CARE	Total Bill	\$/month	Jun	37.88	36.74
CARE	Total Bill	\$/month	Jul	32.32	31.37
CARE	Total Bill	\$/month	Aug	28.72	27.77
CARE	Total Bill	\$/month	Sep	29.50	28.35
CARE	Total Bill	\$/month	Oct	32.56	31.61
CARE	Total Bill	\$/month	Nov	40.04	33.69
CARE	Total Bill	\$/month	Dec	59.03	46.46
			Monthly	47.23	40.87
CARE	Total Bill	\$/month	Average	47.23	40.87
CARE	Monthly Usage	th/month	Average	26	26

Residential Class Average non-CARE Bill

	Volume	Bill w/ \$5 fixed Charge	Bill w/\$20 Fixed Charge	Average Bill & Volatility Improvement
Average	36	85.31	83.02	-2.28
Standard Deviation	16	34.84	26.37	-8.47
Range	46	99.47	74.47	-25.00
Peak Winter Bill (Jan)	65	146.37	127.20	-19.17
January	65	146.37	127.20	-19.17
February	58	131.06	113.85	-17.20
March	52	125.46	122.05	-3.41
April	42	98.71	95.54	-3.17
May	30	75.95	82.21	6.26
June	26	66.18	71.96	5.78
July	22	54.89	61.20	6.30
August	19	47.19	53.50	6.32
September	19	46.90	52.73	5.82
October	22	55.88	62.18	6.30
November	31	70.89	67.78	-3.11
December	49	104.19	86.07	-18.12
Coefficient of Variation		0.4084	0.3176	-0.09
		1.1660	0.8970	-0.27

Residential Class Average CARE Bill

	Volume	Bill w/ \$5 fixed Charge	Bill w/\$20 Fixed Charge	Average Bill & Volatility Improvement
Average	26	47.23	40.87	-6.36
Standard Deviation	11	16.63	10.94	-5.68
Range	30	46.91	30.65	-16.26
Peak Winter Bill (Jan/Mar)	45/37	75.63	58.42	-17.22
January	45	75.63	57.42	-18.21
February	40	67.89	51.59	-16.30
March	37	66.98	58.42	-8.56
April	30	52.79	44.56	-8.23
May	22	43.46	42.52	-0.95
June	19	37.88	36.74	-1.15
July	17	32.32	31.37	-0.95
August	15	28.72	27.77	-0.96
September	15	29.50	28.35	-1.15
October	17	32.56	31.61	-0.95
November	23	40.04	33.69	-6.35
December	34	59.03	46.46	-12.56
Coefficient of Variation		0.3520	0.2678	-0.08
		0.9931	0.7499	-0.24

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Class Average	Total \$0	\$month	Apr	20.38	20.37
Class Average	Total \$0	\$month	May	17.07	20.02
Class Average	Total \$0	\$month	Jun	18.22	20.02
Class Average	Total \$0	\$month	Jul	18.38	27.21
Class Average	Total \$0	\$month	Aug	18.38	27.21
Class Average	Total \$0	\$month	Sep	18.22	20.08
Class Average	Total \$0	\$month	Oct	20.56	30.80
Class Average	Total \$0	\$month	Nov	20.02	20.08
Class Average	Total \$0	\$month	Dec	20.02	27.45
Class Average	Total \$0	\$month	Monthly	20.08	20.07
Class Average	Total \$0	\$month	Average	20.08	20.07
Class Average	Monthly Change	\$month	Change	0	0
Class Average	Total \$0	\$month	Summer Average	18.01	27.44
Class Average	Total \$0	\$month	White Average	20.08	22.48
Class Average	Total \$0	\$month	Peak White	20.08	27.48
CARE	Baseline Usage	\$month	January	18.2	18.2
CARE	Baseline Usage	\$month	February	18.8	18.8
CARE	Baseline Usage	\$month	March	18.8	18.8
CARE	Baseline Usage	\$month	April	18.1	18.1
CARE	Baseline Usage	\$month	May	8.4	8.4
CARE	Baseline Usage	\$month	June	8.4	8.4
CARE	Baseline Usage	\$month	July	8.7	8.7
CARE	Baseline Usage	\$month	August	8.7	8.7
CARE	Baseline Usage	\$month	September	8.4	8.4
CARE	Baseline Usage	\$month	October	10.1	10.1
CARE	Baseline Usage	\$month	November	10.8	10.8
CARE	Baseline Usage	\$month	December	18.2	18.2
CARE	Non-baseline Usage	\$month	January	-	-
CARE	Non-baseline Usage	\$month	February	-	-
CARE	Non-baseline Usage	\$month	March	-	-
CARE	Non-baseline Usage	\$month	April	-	-
CARE	Non-baseline Usage	\$month	May	-	-
CARE	Non-baseline Usage	\$month	June	-	-
CARE	Non-baseline Usage	\$month	July	-	-
CARE	Non-baseline Usage	\$month	August	-	-
CARE	Non-baseline Usage	\$month	September	-	-
CARE	Non-baseline Usage	\$month	October	-	-
CARE	Non-baseline Usage	\$month	November	-	-
CARE	Non-baseline Usage	\$month	December	-	-
CARE	Customer Change	\$month	January	4.08	10.18
CARE	Customer Change	\$month	February	3.88	9.21
CARE	Customer Change	\$month	March	4.08	10.18
CARE	Customer Change	\$month	April	3.88	9.88
CARE	Customer Change	\$month	May	4.08	10.18
CARE	Customer Change	\$month	June	3.88	9.88
CARE	Customer Change	\$month	July	4.08	10.18
CARE	Customer Change	\$month	August	4.08	10.18
CARE	Customer Change	\$month	September	3.88	9.88
CARE	Customer Change	\$month	October	4.08	10.18
CARE	Customer Change	\$month	November	3.88	9.88
CARE	Customer Change	\$month	December	4.08	10.18
CARE	Baseline Change	\$month	January	18.82	7.87
CARE	Baseline Change	\$month	February	14.18	8.87
CARE	Baseline Change	\$month	March	12.38	8.87
CARE	Baseline Change	\$month	April	10.82	8.13
CARE	Baseline Change	\$month	May	8.88	4.38
CARE	Baseline Change	\$month	June	8.88	4.38
CARE	Baseline Change	\$month	July	7.08	3.43
CARE	Baseline Change	\$month	August	7.08	3.43
CARE	Baseline Change	\$month	September	8.88	4.38
CARE	Baseline Change	\$month	October	10.82	8.13
CARE	Baseline Change	\$month	November	14.18	8.87
CARE	Baseline Change	\$month	December	18.82	7.87
CARE	Non-baseline Change	\$month	January	-	-
CARE	Non-baseline Change	\$month	February	-	-
CARE	Non-baseline Change	\$month	March	-	-
CARE	Non-baseline Change	\$month	April	-	-
CARE	Non-baseline Change	\$month	May	-	-
CARE	Non-baseline Change	\$month	June	-	-
CARE	Non-baseline Change	\$month	July	-	-
CARE	Non-baseline Change	\$month	August	-	-
CARE	Non-baseline Change	\$month	September	-	-
CARE	Non-baseline Change	\$month	October	-	-
CARE	Non-baseline Change	\$month	November	-	-
CARE	Non-baseline Change	\$month	December	-	-
CARE	Commonality Change	\$month	January	8.88	8.88
CARE	Commonality Change	\$month	February	8.14	8.14
CARE	Commonality Change	\$month	March	8.07	8.07
CARE	Commonality Change	\$month	April	4.80	4.80
CARE	Commonality Change	\$month	May	3.84	3.84
CARE	Commonality Change	\$month	June	3.84	3.84
CARE	Commonality Change	\$month	July	3.07	3.07
CARE	Commonality Change	\$month	August	3.07	3.07
CARE	Commonality Change	\$month	September	3.84	3.84
CARE	Commonality Change	\$month	October	4.80	4.80
CARE	Commonality Change	\$month	November	8.14	8.14
CARE	Commonality Change	\$month	December	8.88	8.88
CARE	PPPS Change	\$month	January	1.42	1.42
CARE	PPPS Change	\$month	February	1.28	1.28
CARE	PPPS Change	\$month	March	1.10	1.10
CARE	PPPS Change	\$month	April	0.84	0.84
CARE	PPPS Change	\$month	May	0.78	0.78
CARE	PPPS Change	\$month	June	0.78	0.78
CARE	PPPS Change	\$month	July	0.80	0.80
CARE	PPPS Change	\$month	August	0.80	0.80
CARE	PPPS Change	\$month	September	0.78	0.78
CARE	PPPS Change	\$month	October	0.84	0.84
CARE	PPPS Change	\$month	November	1.28	1.28
CARE	PPPS Change	\$month	December	1.42	1.42
CARE	0-FLC Regulatory Fee	\$month	January	0.04	0.04
CARE	0-FLC Regulatory Fee	\$month	February	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	March	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	April	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	May	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	June	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	July	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	August	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	September	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	October	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	November	0.03	0.03
CARE	0-FLC Regulatory Fee	\$month	December	0.04	0.04
CARE	Total \$0	\$month	Jan	28.28	28.27
CARE	Total \$0	\$month	Feb	28.27	20.48
CARE	Total \$0	\$month	Mar	22.88	22.88
CARE	Total \$0	\$month	Apr	20.12	20.88
CARE	Total \$0	\$month	May	17.07	18.14
CARE	Total \$0	\$month	Jun	17.42	18.77
CARE	Total \$0	\$month	Jul	18.07	17.01
CARE	Total \$0	\$month	Aug	18.07	17.01
CARE	Total \$0	\$month	Sep	17.42	18.77
CARE	Total \$0	\$month	Monthly	20.08	20.38
CARE	Total \$0	\$month	Average	20.08	20.38
CARE	Monthly Change	\$month	Change	0	0
CARE	Total \$0	\$month	Summer Average	17.07	18.88
CARE	Total \$0	\$month	White Average	20.10	20.87
CARE	Total \$0	\$month	Peak White	20.38	20.22

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Testimony Tables

SoCalGas Non-Care Affordability Metrics

	Essential Use Bill			Average Use Bill			Hours @ Min		
Fixed Charge	\$5	\$20	Change	\$5	\$20	Change	\$5	\$20	Change
Climate Zone 1	\$ 56.33	\$ 54.02	-\$2.30	\$ 85.31	\$ 83.02	-\$2.28	3.16	3.03	-0.13
Climate Zone 2	\$ 61.26	\$ 57.29	-\$3.97	\$ 86.85	\$ 82.83	-\$4.02	3.44	3.22	-0.22
Climate Zone 3	\$ 84.54	\$ 72.73	-\$11.82	\$ 109.90	\$ 98.77	-\$11.13	4.75	4.08	-0.66

	EB			AR20			AR50			AAC's		
Fixed Charge	\$5	\$20	Change	\$5	\$20	Change	\$5	\$20	Change	\$5	\$20	Change
Climate Zone 1	0.94%	0.90%	-4.1%	10.83%	10.59%	-2.2%	0.96%	0.94%	-4.1%	18	17	-1
Climate Zone 2	1.15%	1.08%	-6.5%	4.48%	4.19%	-6.5%	1.21%	1.13%	-6.5%	No AAC concerns		
Climate Zone 3	1.32%	1.14%	-14.0%	5.50%	4.73%	-14.0%	1.37%	1.17%	-14.0%	No ACC concerns		

SoCalGas Care Affordability Metrics

	Essential Use Bill			Average Use Bill			Hours @ Min Wage		
Fixed Charge	\$4	\$10	Change	\$4	\$10	Change	\$4	\$10	Change
Climate Zone 1	\$44.29	\$42.60	-\$1.70	\$47.23	\$40.87	-\$6.36	2.49	2.39	-0.10
Climate Zone 2	\$48.16	\$45.15	-\$3.01	\$63.10	\$54.25	-\$8.85	2.70	2.54	-0.17
Climate Zone 3	\$66.44	\$57.21	-\$9.23	\$100.74	\$85.55	-\$15.20	3.73	3.21	-0.52

	EB			AR20			AR50			AAC's		
Fixed Charge	\$4	\$10	Change	\$4	\$10	Change	\$4	\$10	Change	\$4	\$10	Change
Climate Zone 1	6.90%	6.76%	-2.1%	9.39%	9.18%	-2.3%	0.77%	0.74%	-3.8%	14	13	-1
Climate Zone 2	2.95%	2.77%	-6.3%	3.52%	3.30%	-6.3%	0.95%	0.89%	-6.3%	No AAC concerns		
Climate Zone 3	3.80%	3.27%	-13.9%	4.32%	3.72%	-13.9%	1.07%	0.92%	-13.9%	No AAC concerns		

TABLE 1
MONTHLY GAS AVERAGE USAGE BILLS (CARE)

	CAP No Fixed Charge	CAP Fixed Charge		
Climate Zone	Bill (\$)	Bill (\$)	Δ (\$)	Δ (%)
Zone 1, Coastal/ Inland Area	\$47.23	\$40.87	-\$6.36	-13.5%
Zone 2, Desert	\$63.10	\$54.25	-\$8.85	-14.0%
Zone 3, Mountains	\$100.74	\$85.55	-\$15.20	-15.1%
Average	\$48.91	\$42.28	-\$6.63	-13.5%

TABLE 2
MONTHLY GAS ESSENTIAL USAGE BILLS (CARE)

	CAP No Fixed Charge	CAP Fixed Charge		
Climate Zone	Bill (\$)	Bill (\$)	Change (\$)	%
Zone 1, Coastal/ Inland Area	\$44.29	\$42.60	-\$1.70	-3.8%
Zone 2, Desert	\$48.16	\$45.15	-\$3.01	-6.3%
Zone 3, Mountains	\$66.44	\$57.21	-\$9.23	-13.9%
Average	\$44.74	\$42.89	-\$1.85	-4.1%

TABLE 3
HM METRIC FOR GAS CUSTOMERS (CARE)

	CAP No Fixed Charge	CAP Fixed Charge		
Climate Zone	Hours	Hours	Δ (hrs)	Δ (%)
Zone 1, Coastal/ Inland Area	2.49	2.39	-0.10	-3.8%
Zone 2, Desert	2.70	2.54	-0.17	-6.3%
Zone 3, Mountains	3.73	3.21	-0.52	-13.9%
Average	2.51	2.41	-0.10	-4.1%

TABLE 4
AR20 METRIC FOR GAS CUSTOMERS (CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	AR20	AR20	Δ (%)
Zone 1, Coastal/ Inland Area	9.39%	9.18%	-2.3%
Zone 2, Desert	3.52%	3.30%	-6.3%
Zone 3, Mountains	4.32%	3.72%	-13.9%
Average	8.84%	8.62%	-2.5%

TABLE 5
AR50 METRIC FOR GAS CUSTOMERS (CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	AR50	AR50	Δ (%)
Zone 1, Coastal/ Inland Area	0.77%	0.74%	-3.8%
Zone 2, Desert	0.95%	0.89%	-6.3%
Zone 3, Mountains	1.07%	0.92%	-13.9%
Average	0.79%	0.75%	-4.2%

TABLE 12
EB20 METRIC FOR GAS CUSTOMERS (CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	EB20	EB20	Δ (%)
Zone 1, Coastal/ Inland Area	6.90%	6.76%	-2.1%
Zone 2, Desert	2.95%	2.77%	-6.3%
Zone 3, Mountains	3.80%	3.27%	-13.9%
Average	6.53%	6.38%	-2.3%

TABLE 5
EB50 METRIC FOR GAS CUSTOMERS (CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	EB50	EB50	Δ (%)
Zone 1, Coastal/ Inland Area	0.74%	0.71%	-3.8%
Zone 2, Desert	0.91%	0.85%	-6.3%
Zone 3, Mountains	1.04%	0.89%	-13.9%
Average	0.76%	0.73%	-4.2%

TABLE 1
MONTHLY GAS AVERAGE USAGE BILLS (NON-CARE)

	CAP No Fixed Charge	CAP Fixed Charge		
Climate Zone	Bill (\$)	Bill (\$)	Δ (\$)	Δ (%)
Zone 1, Coastal/ Inland Area	\$85.78	\$83.50	-\$2.28	-2.7%
Zone 2, Desert	\$87.34	\$83.32	-\$4.02	-4.6%
Zone 3, Mountains	\$110.53	\$99.41	-\$11.13	-10.1%
Average	\$86.03	\$83.55	-\$2.48	-2.9%

TABLE 2
MONTHLY GAS ESSENTIAL USAGE BILLS (NON-CARE)

	CAP No Fixed Charge	CAP Fixed Charge		
Climate Zone	Bill (\$)	Bill (\$)	Δ (\$)	Δ (%)
Zone 1, Coastal/ Inland Area	\$56.33	\$54.02	-\$2.30	-4.1%
Zone 2, Desert	\$61.26	\$57.29	-\$3.97	-6.5%
Zone 3, Mountains	\$84.54	\$72.73	-\$11.82	-14.0%
Average	\$56.90	\$54.40	-\$2.50	-4.4%

TABLE 3
HM METRIC FOR GAS CUSTOMERS (NON-CARE)

	CAP No Fixed Charge	CAP Fixed Charge		
Climate Zone	Hours	Hours	Δ (hrs)	Δ (%)
Zone 1, Coastal/ Inland Area	3.16	3.03	-0.13	-4.1%
Zone 2, Desert	3.44	3.22	-0.22	-6.5%
Zone 3, Mountains	4.75	4.08	-0.66	-14.0%
Average	3.19	3.05	-0.14	-4.4%

TABLE 4
AR20 METRIC FOR GAS CUSTOMERS (NON-CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	AR20	AR20	Δ (%)
Zone 1, Coastal/ Inland Area	10.83%	10.59%	-2.2%
Zone 2, Desert	4.48%	4.19%	-6.5%
Zone 3, Mountains	5.50%	4.73%	-14.0%
Average	10.23%	9.99%	-2.4%

TABLE 5
AR50 METRIC FOR GAS CUSTOMERS (NON-CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	AR50	AR50	Δ (%)
Zone 1, Coastal/ Inland Area	0.98%	0.94%	-4.1%
Zone 2, Desert	1.21%	1.13%	-6.5%
Zone 3, Mountains	1.37%	1.17%	-14.0%
Average	1.00%	0.96%	-4.4%

TABLE 6
EB20 METRIC FOR GAS CUSTOMERS (NON-CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	EB20	EB20	Δ (%)
Zone 1, Coastal/ Inland Area	7.92%	7.73%	-2.5%
Zone 2, Desert	3.76%	3.51%	-6.5%
Zone 3, Mountains	4.83%	4.15%	-14.0%
Average	7.53%	7.33%	-2.7%

TABLE 7
EB50 METRIC FOR GAS CUSTOMERS (NON-CARE)

	CAP No Fixed Charge	CAP Fixed Charge	
Climate Zone	EB50	EB50	Δ (%)
Zone 1, Coastal/ Inland Area	0.94%	0.90%	-4.1%
Zone 2, Desert	1.15%	1.08%	-6.5%
Zone 3, Mountains	1.32%	1.14%	-14.0%
Average	0.96%	0.92%	-4.4%

**SOUTHERN CALIFORNIA GAS COMPANY
2027 CAP**

**Section 3
Submeter Credit Model**

**Workpapers to the Prepared Written Testimony of
Michael Foster**

Step 1: Submetering Avoided Cost Credit

- >> For multi-family dwelling units & mobile home parks supplied through one meter and submetered to all individual units (Schedule GS),
 >> Due to use of Subunit Traditional Meter Capital and O&M Expenses Are Avoided, However, Savings Offset By Incurred Master Meter Capital and O&M Expenses,
 >> Master Meter Capital and O&M Expenses are Quantified on a Per Subunit Basis,
 >> Net Submetering Avoided Cost Credit = (Traditional Meter Capital and O&M) - (Master Meter Capital and O&M - Average No. of Subunits Per Master Meter)
 >> Adopted Proposal = Western Mobilehome Parkowners Association, From Exhibit No. 53-A, As Filed w/Scaling.

SUBMETER AVOIDED COST CREDIT 2027 CAP Update

		Avoided Cost Per Subunit (Single Family)	Incurred Cost Per Master Meter (Small)		
	Capital Cost - Annual Revenue Requirement	(\$/cst/yr.)	(\$/cst/yr.)		
1	Meter	\$58.74	\$187.87	1	
2	Service Line	(\$46.38)	\$1,023.09	2	
3	Mains (Exclusive use)	\$0.00	\$0.00	3	
4	Subtotal Capital	\$12.36	\$1,210.76	4	
	O&M Cost				
5	Meter O&M	\$1.66	\$5.35	5	
6	Service Line O&M	\$8.45	\$15.14	6	
7	Customer Services O&M	\$25.35	\$25.35	7	
8	Customer Accounts O&M	\$15.89	\$15.89	8	
	Customer Service & Information Cost (CS) Costs O&M	\$3.93	\$3.93		
	O&M Loaders				
9	A&G Loading	\$26.40	\$30.80	9	
10	General Plant Loading	\$25.30	\$29.51	10	
11	M&S Costs	\$0.75	\$0.88	11	
12	Subtotal O&M	\$108.73	\$126.84	12	
13	Net Capital + O&M Cost	\$121.09	\$1,337.60	13	
14	x Scaling Factor	107.506%	107.506%	14	
15	= Avoided / Incurred Cost / Yr	\$130.18	\$1,438.00	15	
16	+ Number Months / Year	12	12	16	
17	= Avoided / Incurred Cost / Mo	\$10.85	\$119.83	17	
18	+ Avg No. of Subunits Per Master Meter Account	1	84	18	Recorded 2024
19	= Incurred Cost Per Living Unit for Master Meter		\$1.43	19	
20	Net Avoided Cost / Month	\$8.42	<<< OUTPUT	20	<< Net of (Avoided Subunit Costs) - (Incurred Master Meter Costs) Per Subunit.

Step 2: Daily Submetering Credit

- >> The Submeter Avoided Cost Credit Is Provided As A Daily Credit for Tariff Reporting Purposes.
 >> Note: CARE Customers Receive the Submeter Avoided Cost Credit LESS the CARE Discount.

DAILY SUBMETER CREDIT 2027 TCAP Update

	Description	GS / GT - S (Dollars)	Care Rate GSL / GT - SL (Dollars)		
1	Net Avoided Cost / Month	\$8.42	\$8.42	1	<<< GSL / GT - SL Tariff for Low Income Assistance Customers.
2	= SoCalGas Monthly Cust Charge	\$5.00	\$4.00	2	<<< Employs Current CARE Discount Rate of 20%
3	Submeter Credit / Month	\$4.42	\$5.42	3	<<< OUTPUT
4	x Number Months / Year	12	12	4	
5	Submeter Credit / Year	\$52.98	\$64.98	5	
6	+ Number Days / Year	365	365	6	
7	= Submeter Credit / Day	\$0.14515	\$0.17803	7	<<< OUTPUT

Step 1: Submetering Avoided Cost Credit

- >> For multi-family dwelling units & mobile home parks supplied through one meter and submetered to all individual units (Schedule GS),
 >> Due to use of Subunit Traditional Meter Capital and O&M Expenses Are Avoided, However, Savings Offset By Incurred Master Meter Capital and O&M Expenses,
 >> Master Meter Capital and O&M Expenses are Quantified on a Per Subunit Basis,
 >> Net Submetering Avoided Cost Credit = (Traditional Meter Capital and O&M) - (Master Meter Capital and O&M - Average No. of Subunits Per Master Meter)
 >> Adopted Proposal = Western Mobilehome Parkowners Association, From Exhibit No. 53-A, As Filed w/Scaling.

SUBMETER AVOIDED COST CREDIT 2027 CAP Update

2028

		Avoided Cost Per Subunit (Single Family)	Incurred Cost Per Master Meter (Small)	
<u>Capital Cost - Annual Revenue Requirement</u>		(\$/cst/yr.)	(\$/cst/yr.)	
1	Meter	\$58.74	\$187.67	1
2	Service Line	(\$46.38)	\$1,023.09	2
3	Mains (Exclusive use)	\$0.00	\$0.00	3
4	Subtotal Capital	\$12.36	\$1,210.76	4
<u>O&M Cost</u>				
5	Meter O&M	\$1.66	\$5.35	5
6	Service Line O&M	\$8.45	\$15.14	6
7	Customer Services O&M	\$25.35	\$25.35	7
8	Customer Accounts O&M	\$15.89	\$15.89	8
Customer Service & Information Cost (CS) Costs O&M		\$3.93	\$3.93	
<u>O&M Loaders</u>				
9	A&G Loading	\$26.40	\$30.80	9
10	General Plant Loading	\$25.30	\$29.51	10
11	M&S Costs	\$0.75	\$0.88	11
12	Subtotal O&M	\$108.73	\$126.84	12
13	Net Capital + O&M Cost	\$121.09	\$1,337.60	13
14	x Scaling Factor	107.506%	107.506%	14
15	= Avoided / Incurred Cost / Yr	\$130.18	\$1,438.00	15
16	+ Number Months / Year	12	12	16
17	= Avoided / Incurred Cost / Mo	\$10.85	\$119.83	17
18	+ Avg No. of Subunits Per Master Meter Account	1	84	18
19	= Incurred Cost Per Living Unit for Master Meter		\$1.43	19
20	Net Avoided Cost / Month	\$9.42	<<< OUTPUT	20

Step 2: Daily Submetering Credit

- >> The Submeter Avoided Cost Credit Is Provided As A Daily Credit for Tariff Reporting Purposes,
 >> Note: CARE Customers Receive the Submeter Avoided Cost Credit LESS the CARE Discount.

DAILY SUBMETER CREDIT 2027 TCAP Update

Description		GS / GT - S (Dollars)	Care Rate GSL / GT - SL (Dollars)		
1	Net Avoided Cost / Month	\$9.42	\$9.42	1	<<< GSL / GT - SL Tariff for Low Income Assistance Customers,
2	= SoCalGas Monthly Cust Charge	12.00	6.00	2	<<< Employes Current CARE Discount Rate of 20%
3	Submeter Credit / Month	(\$2.58)	\$3.42	3	<<< OUTPUT
4	x Number Months / Year	12	12	4	
5	Submeter Credit / Year	(\$31.02)	\$40.98	5	
6	+ Number Days / Year	365	365	6	
7	= Submeter Credit / Day	\$0.00000	\$0.11228	7	<<< OUTPUT

Step 1: Submetering Avoided Cost Credit

>> For multi-family dwelling units & mobile home parks supplied through one meter and submetered to all individual units (Schedule GS).

>> Due to use of Subunit, Traditional Meter Capital and O&M Expenses Are Avoided. However, Savings Offset By Incurred Master Meter Capital and O&M Expenses.

>> Master Meter Capital and O&M Expenses are Quantified on a Per Subunit Basis.

>> Net Submetering Avoided Cost Credit = (Traditional Meter Capital and O&M) - (Master Meter Capital and O&M + Average No. of Subunits Per Master Meter)

>> Adopted Proposal = Western Mobile Home Parkowners Association, From Exhibit No. 52-A, As Filed w/Scaling.

SUBMETER AVOIDED COST CREDIT

2027 CAP Update

2028

		Avoided Cost Per Subunit (Single Family)	Incurred Cost Per Master Meter (Small)	
	Capital Cost - Annual Revenue Requirement	(\$/cst/yr.)	(\$/cst/yr.)	
1	Meter	\$58.74	\$187.67	1
2	Service Line	(\$46.38)	\$1,023.09	2
3	Mains (Exclusive use)	\$0.00	\$0.00	3
4	Subtotal Capital	\$12.36	\$1,210.76	4
O&M Cost				
5	Meter O&M	\$1.66	\$5.35	5
6	Service Line O&M	\$9.45	\$15.14	6
7	Customer Services O&M	\$25.35	\$25.35	7
8	Customer Accounts O&M	\$15.89	\$15.89	8
	Customer Service & Information Cost (CSI) Costs O&M	\$3.93	\$3.93	
O&M Loaders				
9	A&G Loading	\$26.40	\$30.80	9
10	General Plant Loading	\$25.30	\$29.51	10
11	M&S Costs	\$0.75	\$0.88	11
12	Subtotal O&M	\$108.73	\$126.84	12
13	Net Capital + O&M Cost	\$121.09	\$1,337.60	13
14	x Scaling Factor	107.506%	107.506%	14
15	= Avoided / Incurred Cost / Yr	\$130.18	\$1,438.00	15
16	+ Number Months / Year	12	12	16
17	= Avoided / Incurred Cost / Mo	\$10.85	\$119.83	17
18	+ Avg No. of Subunits Per Master Meter Account	1	84	18
19	= Incurred Cost Per Living Unit for Master Meter		\$1.43	19
20	Net Avoided Cost / Month	\$9.42 <<< OUTPUT		20

Step 2: Daily Submetering Credit

>> The Submeter Avoided Cost Credit Is Provided As A Daily Credit for Tariff Reporting Purposes.

>> Note: CARE Customers Receive the Submeter Avoided Cost Credit LESS the CARE Discount.

DAILY SUBMETER

CREDIT 2027 TAP

Update

		GS / GT - S	Care Rate GSL / GT - SL	
	Description	(Dollars)	(Dollars)	
1	Net Avoided Cost / Month	\$9.42	\$9.42	1
2	- SoCalGas Monthly Cust Charge	20.00	10.00	2
3	Submeter Credit / Month	(\$10.58)	(\$0.58)	3
4	x Number Months / Year	12	12	4
5	Submeter Credit / Year	(\$127.02)	(\$7.02)	5
6	+ Number Days / Year	365	365	6
7	= Submeter Credit / Day	\$0.00000	\$0.00000	7

**SOUTHERN CALIFORNIA GAS COMPANY
2027 CAP**

**Section 2
NGV Compression Rate Adder Model**

**Workpapers to the Prepared Written Testimony of
Michael Foster**

2027 CAP
NGV Compression Adder Revenue Requirement

NGV Station Costs \$000's		Total Public & Private Access \$000's/yr	\$/th	Public Access Station \$000's/yr	\$/th	Data Source
NGV Station Rate Base		\$23,199	\$1.51	\$16,668	\$1.27	Return tab
Rate of Return %		7.67%		7.67%		Return tab
Return on Ratebase		\$1,780	\$0.12	\$1,279	\$0.10	
Income Taxes						
Ad Valorem Taxes		(\$27)	(\$0.00)	(\$19)	(\$0.00)	Return Tab
Depreciation Expense		\$0	\$0.00	\$0	\$0.00	Return Tab
Capital Related Revenue Requirement		\$2,322	\$0.15	\$1,585	\$0.12	NGV Dept
		\$4,076	\$0.27	\$2,845	\$0.22	
NGV Station Throughput in THERMS		15,353,210		13,079,137		
O&M Expense Public & Private		\$4,112	\$0.27	\$2,156	\$0.16	NGV Dept
O&M Expense Public						
Electricity Expense Public & Private		\$633	\$0.04	\$539	\$0.04	NGV Dept
Electricity Expense Public						
Customer Related O&M		\$4,745	\$0.31	\$2,695	\$0.21	
Effective NGV Station Revenue Requirement		\$8,821	\$0.57	\$5,539	\$0.42	
Total NGV Station Throughput in therms		15,353,210		13,079,137		NGV Dept
Compression Throughput Mth/year		15,353	15,353	13,079	13,079	
Compression Rate \$/therm		\$0.57463		\$0.42362		
Semptra Wide Compressor Adder \$/therm				\$0.43681		SCG RD model/Rate tables

Btu Factor: **1.0301**

File = SCG 2027 CAP NGV Compression Rate Adder

Tab = NGV Station Cost

2027 CAP
Calculation of Capital Related costs

Calculation of NGV Station Capital related Costs, \$000's/yr	Total Public & Private Access \$000's/yr	Public Access Station \$000's/yr	Data Source	Notes
NBV of NGV Stations	\$40,474	\$29,080	Recorded 2024	updated
Total NBV of Utility Gas Plant in Service	\$20,603,909	\$20,603,909	FERC Form 2 p.200, line 15	updated
NBV Ratio	0.20%	0.14%		
Total Utility Rate Base	\$11,809,901	\$11,809,901		
NBV Ratio	0.20%	0.14%		
NGV Station Ratebase	\$23,199	\$16,668	Recorded 2024	updated
Total Utility Income & CNG Fuel taxes	(\$13,672)	(\$13,672)		
NBV Ratio	0.20%	0.14%	FERC Form 2 p.263a, lines 2 + 9 +5, e	updated
NGV Station Income & CNG Fuel taxes	(\$27)	(\$19)		
Total Utility Adv/return taxes	\$223	\$223		
NBV Ratio	0.20%	0.14%	FERC Form 2 p.263a, line 16 e	updated
NGV Station Income & CNG Fuel taxes	\$0	\$0		

Calculation of Authorized ROR% and Total Return on Ratebase:

	Capital Ratio	Rate	ROR%
Long-Term Debt	43.60%	4.64%	2.07%
Preferred Stock	2.40%	6.00%	0.14%
Common Equity	52.00%	10.50%	5.46%
Total ROR%	100%		7.67%

FERC Form 2 p.122.17, Cost of Capital

updated