

Application of SOUTHERN CALIFORNIA GAS)
COMPANY for authority to update its gas revenue)
requirement and base rates)
effective January 1, 2019 (U 904-G))

Application No, 17-10-__

Exhibit No.: (SCG-39-WP)

**WORKPAPERS TO
PREPARED DIRECT TESTIMONY
OF ROSE-MARIE PAYAN
ON BEHALF OF SOUTHERN CALIFORNIA GAS COMPANY**

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

October 2017



Southern California Gas Customer/Meter Forecast Models

SoCalGas uses econometric models to produce its customer/meter forecasts. The factor driving the residential market growth is residential housing starts. On the other hand, the commercial and industrial (manufacturing and Mining) customer growth is explained by commercial and industrial employment growth in SoCalGas' service area. The customer growth estimation was performed using the "Proc autoreg" method from Statistical Analysis System (SAS). The historical quarterly data used in the forecast is from 1979Q1 to 2016Q4 period.

Southern California Gas Company: Meter Model VARIABLE DEFINITIONS:

CONNCOM	Connected Commercial Meter Counts
CONNIND	Connected Industrial Meter Counts
CONNMF	Connected Residential Multi-Family Meter Counts
CONNMM	Connected Residential Master Meter Counts
CONNMML	Connected Master Meters lagged one quarter
CONNRES	Connected Total Residential
CONNSF	Connected Residential Single Family Meter Counts
CONNSFL	Connected Residential Single Family Meter Counts Lagged 1 Quarter
CONNSFL2	Connected Residential Single Family Meter Counts Lagged 2 Quarters
DCONNMF	One Quarter Change in Connected Residential Multi Family Meters
DCONNSF	One Quarter Change in Connected Residential Single Family Meters
DTE	Date
DUM8102	DUMMY VARIABLE = 1 WHEN DTE=198102; =0 OTHERWISE
DUM8601	DUMMY VARIABLE = 1 WHEN DTE=198601; =0 OTHERWISE
DUM9603	DUMMY VARIABLE =1 WHEN DTE=199603; = 0 OTHERWISE
DUM0303	DUMMY VARIABLE = 1 WHEN DTE=200303; =0 OTHERWISE
DUM0503	DUMMY VARIABLE =1 WHEN DTE=200503; =0 OTHERWISE
DUM8604	DUMMY VARIABLE =1 WHEN DTE=198604; =0 OTHERWISE
DUM0711	DUMMY VARIABLE =1 WHEN DTE=200702<= DTE<=2-1104 ; =0 OTHERWISE
INACTCOM	Inactive Commercial Meter Set Counts
INACTIND	Inactive Industrial Meter Set Counts
INACTMF	Inactive Multi Family
INACTMM	Inactive Master Meter
INACTRES	Inactive Residential
INACTSF	
NEWSETS	NEW METER SETS
PCTINACTCOM	Percent Inactive Commercial

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2019 GRC - APP

PCTINACTIND	Percent Inactive Industrial
PCTINACTM	Percent Inactive Multi Family
PCTINACTS	Percent Inactive Single Family
REMOVES	Removed Meters
RESETS	Reset Meters
EMPCOM	Commercial Employment in Service area (all Nonfarm less mining and manufacturing)
EMPIND	Industrial Employment in service area (mining plus manufacturing)
HSSF	Housing Starts- Single Family, current quarter
HSSFL	Housing Starts- Single Family, lagged one quarter
HSSFL2	Housing Starts- Single Family, lagged two quarters
HSSFL3	Housing Starts- Single Family, lagged three quarters
HSSFL4	Housing Starts- Single Family, lagged four quarters
HSSFL5	Housing Starts- Single Family, lagged five quarters
HSSFL6	Housing Starts- Single Family, lagged 6 quarters
HSSFL7	Housing Starts- Single Family, lagged 7 quarters
HSSFL8	Housing Starts- Single Family, lagged 8 quarters
HSMF	Housing Starts- Multi Family, current Quarter
HSMFL	Housing Starts- Multi Family lagged 1 quarter
HSMFL2	Housing Starts- Multi Family lagged 2 quarters
HSMFL3	Housing Starts- Multi Family lagged 3 quarters
HSMFL4	Housing Starts- Multi Family lagged 4 quarters
HSMFL5	Housing Starts- Multi Family lagged 5 quarters
HSMFL6	Housing Starts- Multi Family lagged 6 quarters
HSMFL7	Housing Starts- Multi Family lagged 7 quarters
HSMFL8	Housing Starts- Multi Family lagged 8 quarters
HSTOT	Total Housing Starts, current quarter
HSTOTL1	Total Housing Starts, lagged one quarter
HSTOTL2	Total Housing Starts, lagged two quarters
HSTOTL3	Total Housing Starts, lagged three quarters
HSTOTL4	Total Housing Starts, lagged four quarters
OBS	Observation Number
QUARTER	Quarter 1=January-March; Quarter 2=April-June; Quarter 3=July-September; Quarter 4=October-December
SEA1	Season 1 = April, May, June
SEA2	Season 2= July, August, September
SEA3	Season 3= October, November December
SEA4	Season 4= January, February, March
TIME	Trend Variable
YEAR	Year

Variable Definition

1) Residential Single Family

a. Connected Meter: ConnSF (1979Q2 to 2016Q4)

$$\begin{aligned} \text{Diff(ConnSF)} = & 2225 + 0.0425 * \text{HSSF} \\ & (1.35) \qquad \qquad (2.91) \\ & + 0.0577 * \text{HSSF2} + 0.0268 \text{HSSF8} - 1107 * \text{SEA1} \\ & (4.03) \qquad \qquad (2.26) \\ & -924.9 * \text{SEA2} - 7153 * \text{DUM9603} \\ & (-4.61) \qquad \qquad (-3.64) \\ & + 4477 * \text{DUM0503} - 1414 * \text{DUM0711} \\ & (-6.70) \qquad \qquad (-1.94) \end{aligned}$$

* t-value is in the parenthesis.

SSE	191958846	DFE	131
MSE	1465335	Root MSE	1211
Total Rsq	0.9285	Durbin-Watson	1.9346

b. In-Active Meter: InActSF

$$\text{InActSF (Qi)} = \text{ConnSF (Qi)} * \text{PCTInactS(Qi)}$$

Where i =1, 2, 3, and 4

Q1: 1.70%, Q2: 1.75%, Q3: 1.82% and Q4: 1.78%

c. Active Meter: ActSF

$$\text{ActSF} = \text{ConnSF} - \text{InActSF}$$

2) Residential Multi-Family

a. Connected Meter: ConnMF (1979Q2 to 2016Q4)

$$\begin{aligned}
 \text{Diff (ConnMF)} = & \quad 1682 \quad + 0.0367 * \text{HSMFL1}(t-1) + \\
 & \quad (1.72) \quad \quad \quad (2.64) \\
 & + .0677 \text{HSMFL4}(t-4) + 0.0454 * \text{HSMFL8}(t-8) + 1115 \text{DUM8604} \\
 & \quad (4.73) \quad \quad \quad (3.29) \quad \quad \quad (1.79) \\
 & -2816 * \text{DUM9603} \quad + 4577 * \text{DUM0303} -574 * \text{SEA1} \quad - 275 \text{SEA2} \\
 & \quad (-3.39) \quad \quad \quad (5.51) \quad \quad \quad (-2.58) \quad \quad (-1.78) \\
 & -433 \text{SEA3} \\
 & \quad (-1.95)
 \end{aligned}$$

* t-value is in the parenthesis.

SSE	125002218	DFE	131
MSE	954215	Root MSE	2.14
Total Rsq	.9601	Durbin-Watson	

b. In-Active Meter: InActMF

$$\text{InActMF}(Q_i) = \text{ConnMF}(Q_i) * \text{PCTInActM}(Q_i)$$

Where i =1, 2, 3, and 4

Q1: 4.39%, Q2: 4.35%, Q3: 4.59% and Q4: 4.53%

c. Active Meter: ActMF

$$\text{ActMF} = \text{ConnMF} - \text{InActMF}$$

3) Residential Master Meter

a. Master Meter: ConnMM

$$\text{ConnMM}(t) = (1-0.00654) * \text{ConnMM}(t-4)$$

b. Active Meter: ActMM

$$\text{ActMM}(t) = \text{ConnMM}(t) - \text{InActMM}(t)$$

c. In-Active Meter: InActMM

$$\text{InActMM}(Q_i) = \text{PCTInActMM}(Q_i) * \text{ConnMM}$$

Where $i=1, 2, 3,$ and 4

$Q_1=1.7593\%$; $Q_2=1.7926\%$; $Q_3=1.7874\%$, and $Q_4=1.7704\%$

Total Residential Meter

$$\text{ConnRES} = \text{ConnSF} + \text{ConnMF} + \text{ConnMM}$$

$$\text{ActReES} = \text{ActSF} + \text{ActMF} + \text{ActMM}$$

$$\text{InActRES} = \text{InActSF} + \text{InActMF} + \text{InActMM}$$

4) Commercial Meter

a. Connected Meter: ConnCom (1979Q1 to 2016Q4)

$$\begin{aligned} \text{Ln (ConnCom)} = & 10.58 + .0936 * \text{Lg2EmpCom (t-2)} \\ & (29.18) \quad (4.12) \\ & + 0.1034 * \text{Ln7 (EmpCom (t -7))} + .000338 * \text{SEA1dum} \\ & (4.55) \quad (0.57) \\ & - 0.000953 * \text{SEA2dum} - .00332 * \text{SEA3dum} \\ & (-1.44) \quad (-5.12) \end{aligned}$$

*t-value is in the parenthesis.

SSE	0.00078939	DFE	134
MSE	5.89 E-6	Root MSE	0.00243
TotalRsq	0.9990	Durbin-Watson	1.3566

b. In-Active Meter: InActCom

$$\text{InActCom (Qi)} = \text{ConnCom (Qi)} * \text{PCTInactCom(Qi)}$$

Where i = 1, 2, 3, and 4

Q1: 23.53%, Q2: 23.82%, Q3: 24.19% and Q4: 24.21%

c. Active Meter: ActCom

$$\text{ActCom} = \text{ConnCom} - \text{InActCom}$$

5) Industrial Meter

a. Active Meter: ACTIND (1979Q2 to 2016Q4)

$$\begin{aligned} \text{Ln}(\text{ACTIND}) = & 8.2786 + 0.2840 * \text{Ln}(\text{EmpInd})(t-2) - 0.002663 * \text{trend} + \\ & (20.31) \quad (5.04) \quad (-7.75) \\ & + 0.0122 * \text{SEA4} \\ & (11.38) \end{aligned}$$

*t-value is in the parenthesis.

SSE	.01156676	DFE	144
MSE	0.0000803	Root MSE	0.00896
Total Rsq	0.9973	Durbin-Watson	1.8886

b. In-active Meter: InActInd

$$\text{InActInd}(Q_i) = \text{ACTIND}(Q_i) * \text{PCTInActInd}(Q_i)$$

Where i = 1, 2, 3, and 4

Q1: 52.08%, Q2: 53.05%, Q3: 53.91% and Q4: 54.09%

c. CONNECTED Meter: ConnInd

$$\text{ConnInd} = \text{ActInd} + \text{InActInd}$$

6) Aggregated Meter and Meter Gain

Total Connected Meter:

$$\text{TotConn} = \text{ConnRes} + \text{ConnCom} + \text{ConnInd}$$

Total Active Meter:

$$\text{TotAct} = \text{ActRes} + \text{ActCom} + \text{ActInd}$$

Total In-Active Meter:

$$\text{TotInAct} = \text{InActRes} + \text{InActCom} + \text{InActInd}$$

Net Connected Meter Gain:

$$\text{NetCG} = \text{Diff}(\text{TotConn})$$

Meter Removed:

$$\text{ReMoves} = 0.0001 * \text{TotConn}$$

Meter Reset:

$$\text{ReSets} = 527.02 + 0.5615 * \text{Removes}$$

New Meter Sets:

$$\text{NewSets} = \text{NetCG} - \text{ReSets} + \text{Removes}$$

FORECAST

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<u>Year</u>	<u>Connected SF</u>	<u>Connected MF</u>	<u>Connected MM</u>	<u>Connected Total Tot Res</u>	<u>Connected Com</u>	<u>Connected Ind</u>	<u>Connected Total</u>
2000	3,216,122	1,674,027	45,607	4,935,755	228,320	28,725	5,192,801
2001	3,265,670	1,678,626	45,223	4,989,519	230,468	28,653	5,248,640
2002	3,318,980	1,684,653	44,899	5,048,532	232,865	28,323	5,309,719
2003	3,372,732	1,695,409	44,524	5,112,666	234,585	28,195	5,375,446
2004	3,429,816	1,710,554	44,160	5,184,530	236,312	28,309	5,449,150
2005	3,492,924	1,720,189	43,802	5,256,916	237,831	28,277	5,523,023
2006	3,555,620	1,734,730	43,337	5,333,686	239,463	28,207	5,601,356
2007	3,600,301	1,755,752	43,040	5,399,093	240,947	28,330	5,668,370
2008	3,625,746	1,776,761	42,699	5,445,205	242,314	28,502	5,716,020
2009	3,640,755	1,793,706	42,414	5,476,875	243,427	28,589	5,748,890
2010	3,653,320	1,807,003	42,186	5,502,509	243,937	28,641	5,775,086
2011	3,663,000	1,814,702	41,945	5,519,646	244,426	28,621	5,792,693
2012	3,671,608	1,822,820	41,729	5,536,157	244,927	28,556	5,809,640
2013	3,683,207	1,831,916	41,549	5,556,673	245,498	28,440	5,830,610
2014	3,697,989	1,843,410	41,380	5,582,778	245,756	28,321	5,856,856
2015	3,714,070	1,855,988	41,261	5,611,319	247,202	27,169	5,885,690
2016	3,731,022	1,869,233	41,085	5,641,340	248,039	26,165	5,915,543
2017	3,752,578	1,883,831	40,817	5,677,225	248,414	25,683	5,951,321
2018	3,777,135	1,903,426	40,550	5,721,110	248,579	25,538	5,995,226
2019	3,803,871	1,924,196	40,284	5,768,351	248,718	25,405	6,042,474
2020	3,832,110	1,946,523	40,021	5,818,654	248,854	25,231	6,092,739
2021	3,861,121	1,970,062	39,759	5,870,943	248,895	25,013	6,144,851
2022	3,890,462	1,994,670	39,499	5,924,631	248,899	24,805	6,198,334
2023	3,919,816	2,020,028	39,241	5,979,085	248,931	24,589	6,252,604
2024	3,948,989	2,045,751	38,984	6,033,725	249,043	24,361	6,307,128
2025	3,977,869	2,071,690	38,729	6,088,287	249,169	24,119	6,361,576
2026	4,006,404	2,097,884	38,476	6,142,764	249,272	23,866	6,415,902
2027	4,034,514	2,124,310	38,224	6,197,048	249,354	23,618	6,470,020
2028	4,061,980	2,150,760	37,974	6,250,714	249,431	23,354	6,523,498
2029	4,088,914	2,177,136	37,726	6,303,776	249,521	23,079	6,576,375
2030	4,115,834	2,203,605	37,479	6,356,918	249,627	22,802	6,629,347
2031	4,142,816	2,230,289	37,234	6,410,338	249,724	22,528	6,682,590
2032	4,169,504	2,257,155	36,990	6,463,649	249,851	22,260	6,735,760
2033	4,195,944	2,284,161	36,748	6,516,853	249,948	21,991	6,788,793
2034	4,222,569	2,311,369	36,508	6,570,445	250,047	21,731	6,842,223
2035	4,249,432	2,338,881	36,269	6,624,582	250,154	21,478	6,896,214
2036	4,276,629	2,366,736	36,032	6,679,396	250,278	21,235	6,950,908
2037	4,303,892	2,394,786	35,796	6,734,475	250,400	20,992	7,005,867
2038	4,331,326	2,422,863	35,562	6,789,751	250,513	20,749	7,061,013
2039	4,358,732	2,450,804	35,329	6,844,865	250,621	20,513	7,115,998
2040	4,386,134	2,478,509	35,098	6,899,741	250,740	20,279	7,170,761

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<u>Year</u>	<u>Active SF</u>	<u>Active MF</u>	<u>Active MM</u>	<u>Active tot Res</u>	<u>Active Com</u>	<u>Active Ind</u>	<u>Active Total</u>
2000	3,158,252	1,597,527	44,860	4,800,639	185,845	22,071	5,008,555
2001	3,210,899	1,604,796	44,487	4,860,183	187,676	21,859	5,069,718
2002	3,268,930	1,612,709	44,215	4,925,855	189,804	21,396	5,137,054
2003	3,322,120	1,621,230	43,861	4,987,211	190,114	20,848	5,198,173
2004	3,377,588	1,633,083	43,540	5,054,210	191,291	20,734	5,266,235
2005	3,434,786	1,637,608	43,177	5,115,570	192,270	20,590	5,328,430
2006	3,488,997	1,647,654	42,695	5,179,346	192,321	20,307	5,391,974
2007	3,524,381	1,665,905	42,386	5,232,672	192,862	20,257	5,445,791
2008	3,531,044	1,681,864	42,026	5,254,934	191,906	20,140	5,466,979
2009	3,547,653	1,681,251	41,710	5,270,615	190,000	19,699	5,480,314
2010	3,570,361	1,697,335	41,485	5,309,182	188,141	19,346	5,516,668
2011	3,585,183	1,716,280	41,242	5,342,705	187,337	19,136	5,549,178
2012	3,598,669	1,730,663	41,038	5,370,370	186,996	18,989	5,576,355
2013	3,614,927	1,743,855	40,895	5,399,678	187,544	18,891	5,606,113
2014	3,632,903	1,759,544	40,689	5,433,136	187,321	18,704	5,639,161
2015	3,647,531	1,773,721	40,504	5,461,756	187,844	17,528	5,667,128
2016	3,666,098	1,788,972	40,333	5,495,403	188,465	17,050	5,700,917
2017	3,686,385	1,799,637	40,090	5,526,112	188,947	16,756	5,731,814
2018	3,710,509	1,818,357	39,828	5,568,693	189,072	16,661	5,774,426
2019	3,736,774	1,838,199	39,567	5,614,540	189,178	16,575	5,820,293
2020	3,764,515	1,859,529	39,308	5,663,352	189,281	16,462	5,869,095
2021	3,793,014	1,882,017	39,051	5,714,082	189,313	16,319	5,919,714
2022	3,821,837	1,905,527	38,796	5,766,159	189,316	16,183	5,971,658
2023	3,850,673	1,929,752	38,542	5,818,967	189,340	16,042	6,024,349
2024	3,879,332	1,954,327	38,290	5,871,949	189,425	15,894	6,077,267
2025	3,907,702	1,979,107	38,039	5,924,848	189,521	15,736	6,130,106
2026	3,935,734	2,004,132	37,791	5,977,657	189,600	15,570	6,182,827
2027	3,963,348	2,029,378	37,543	6,030,269	189,662	15,409	6,235,341
2028	3,990,330	2,054,647	37,298	6,082,274	189,720	15,237	6,287,231
2029	4,016,789	2,079,846	37,054	6,133,688	189,789	15,057	6,338,534
2030	4,043,234	2,105,133	36,812	6,185,178	189,870	14,876	6,389,924
2031	4,069,740	2,130,625	36,571	6,236,935	189,943	14,698	6,441,576
2032	4,095,957	2,156,291	36,332	6,288,580	190,040	14,523	6,493,143
2033	4,121,931	2,182,091	36,094	6,340,116	190,114	14,348	6,544,578
2034	4,148,086	2,208,085	35,858	6,392,028	190,189	14,178	6,596,395
2035	4,177,079	2,234,369	35,623	6,447,071	190,270	14,013	6,651,354
2036	4,203,813	2,260,979	35,390	6,500,183	190,365	13,854	6,704,401
2037	4,230,612	2,287,778	35,159	6,553,549	190,458	13,696	6,757,702
2038	4,257,579	2,314,601	34,929	6,607,109	190,544	13,537	6,811,190
2039	4,284,518	2,341,294	34,700	6,660,512	190,625	13,383	6,864,521
2040	4,311,454	2,367,763	34,473	6,713,690	190,716	13,231	6,917,637

SOURCE DATA

Southern California Gas Company
2019 GRC - APP

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OBS	DTE	YEAR	QUARTER	trend	CONNMM	CONNCOM	ACTIND	
1	197902	1979		2	1	21,858	183,720	29,173
2	197903	1979		3	2	22,243	184,640	28,995
3	197904	1979		4	3	22,568	186,131	29,321
4	198001	1980		1	4	23,415	187,947	29,945
5	198002	1980		2	5	24,230	189,288	30,014
6	198003	1980		3	6	24,697	189,860	29,643
7	198004	1980		4	7	25,086	190,673	29,947
8	198101	1981		1	8	31,743	191,756	30,504
9	198102	1981		2	9	31,462	192,842	30,256
10	198103	1981		3	10	30,131	193,137	29,902
11	198104	1981		4	11	30,761	193,171	30,033
12	198201	1982		1	12	31,782	195,127	30,466
13	198202	1982		2	13	32,554	196,109	30,302
14	198203	1982		3	14	33,081	196,181	29,749
15	198204	1982		4	15	33,618	196,634	29,863
16	198301	1983		1	16	34,436	197,766	30,084
17	198302	1983		2	17	35,047	198,576	29,607
18	198303	1983		3	18	35,534	198,967	29,053
19	198304	1983		4	19	35,945	199,210	29,199
20	198401	1984		1	20	36,487	199,562	29,619
21	198402	1984		2	21	36,857	199,640	29,356
22	198403	1984		3	22	37,078	200,945	28,795
23	198404	1984		4	23	37,507	203,617	29,037
24	198501	1985		1	24	38,077	206,126	29,678
25	198502	1985		2	25	38,691	207,173	29,218
26	198503	1985		3	26	39,205	208,667	28,543
27	198504	1985		4	27	39,577	207,966	28,822
28	198601	1986		1	28	40,046	207,892	29,332
29	198602	1986		2	29	40,343	208,707	28,649
30	198603	1986		3	30	40,614	208,638	27,912
31	198604	1986		4	31	40,841	208,138	27,823
32	198701	1987		1	32	41,155	209,297	28,347
33	198702	1987		2	33	41,515	210,135	27,850
34	198703	1987		3	34	41,784	210,053	27,136
35	198704	1987		4	35	42,070	209,320	27,028
36	198801	1988		1	36	42,480	211,115	28,016
37	198802	1988		2	37	42,932	211,878	27,463
38	198803	1988		3	38	43,329	211,737	26,836
39	198804	1988		4	39	43,580	211,251	26,831
40	198901	1989		1	40	43,759	213,036	27,845
41	198902	1989		2	41	43,875	214,071	27,450
42	198903	1989		3	42	44,022	213,857	26,723
43	198904	1989		4	43	44,117	213,043	26,736
44	199001	1990		1	44	44,180	213,256	27,459
45	199002	1990		2	45	44,251	212,932	27,049
46	199003	1990		3	46	44,282	212,146	26,424
47	199004	1990		4	47	44,349	211,367	26,289
48	199101	1991		1	48	44,430	212,776	26,806
49	199102	1991		2	49	44,541	212,479	26,244
50	199103	1991		3	50	44,702	212,028	25,597
51	199104	1991		4	51	44,899	211,826	25,475

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	trend	CONNMM	CONNCOM	ACTIND	
52	199201	1992		1	52	45,110	212,836	25,572
53	199202	1992		2	53	45,208	212,521	24,935
54	199203	1992		3	54	45,321	211,168	24,407
55	199204	1992		4	55	45,436	209,945	24,258
56	199301	1993		1	56	45,599	211,971	24,799
57	199302	1993		2	57	45,783	212,034	24,168
58	199303	1993		3	58	45,974	211,703	23,757
59	199304	1993		4	59	46,034	211,866	23,765
60	199401	1994		1	60	46,039	213,927	24,061
61	199402	1994		2	61	46,120	214,869	23,663
62	199403	1994		3	62	46,156	215,040	23,364
63	199404	1994		4	63	46,171	215,855	23,379
64	199501	1995		1	64	46,200	217,670	23,741
65	199502	1995		2	65	46,267	217,826	23,440
66	199503	1995		3	66	46,394	217,793	23,066
67	199504	1995		4	67	46,467	218,014	22,923
68	199601	1996		1	68	46,470	218,640	23,175
69	199602	1996		2	69	46,426	218,594	22,956
70	199603	1996		3	70	46,403	218,830	22,686
71	199604	1996		4	71	46,369	219,440	22,776
72	199701	1997		1	72	46,302	220,479	23,014
73	199702	1997		2	73	46,265	220,864	22,608
74	199703	1997		3	74	46,232	221,120	22,353
75	199704	1997		4	75	46,144	221,208	22,358
76	199801	1998		1	76	46,138	222,737	22,975
77	199802	1998		2	77	46,063	223,102	22,803
78	199803	1998		3	78	46,070	223,543	22,581
79	199804	1998		4	79	45,986	224,016	22,653
80	199901	1999		1	80	45,941	225,169	22,866
81	199902	1999		2	81	45,895	225,792	22,599
82	199903	1999		3	82	45,909	226,291	22,339
83	199904	1999		4	83	45,877	226,952	22,289
84	200001	2000		1	84	45,763	227,898	22,394
85	200002	2000		2	85	45,608	228,203	22,115
86	200003	2000		3	86	45,569	228,299	21,844
87	200004	2000		4	87	45,486	228,881	21,932
88	200101	2001		1	88	45,353	229,826	22,199
89	200102	2001		2	89	45,228	230,307	21,927
90	200103	2001		3	90	45,186	230,583	21,679
91	200104	2001		4	91	45,125	231,156	21,630
92	200201	2002		1	92	45,045	232,152	21,742
93	200202	2002		2	93	44,947	232,680	21,476
94	200203	2002		3	94	44,850	233,049	21,237
95	200204	2002		4	95	44,754	233,576	21,127
96	200301	2003		1	96	44,691	234,176	21,184
97	200302	2003		2	97	44,560	234,430	20,867
98	200303	2003		3	98	44,451	234,653	20,673
99	200304	2003		4	99	44,395	235,080	20,670
100	200401	2004		1	100	44,299	235,942	20,910
101	200402	2004		2	101	44,202	236,150	20,734
102	200403	2004		3	102	44,096	236,379	20,584

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	trend	CONNMM	CONNCOM	ACTIND	
103	200404	2004		4	103	44,043	236,775	20,709
104	200501	2005		1	104	43,949	237,307	21,017
105	200502	2005		2	105	43,855	237,764	20,558
106	200503	2005		3	106	43,786	238,002	20,387
107	200504	2005		4	107	43,619	238,249	20,396
108	200601	2006		1	108	43,497	238,774	20,672
109	200602	2006		2	109	43,395	239,380	20,354
110	200603	2006		3	110	43,272	239,694	20,103
111	200604	2006		4	111	43,182	240,001	20,100
112	200701	2007		1	112	43,140	240,569	20,455
113	200702	2007		2	113	43,071	240,764	20,346
114	200703	2007		3	114	43,018	240,970	20,123
115	200704	2007		4	115	42,931	241,485	20,106
116	200801	2008		1	116	42,845	242,084	20,397
117	200802	2008		2	117	42,736	242,168	20,213
118	200803	2008		3	118	42,645	242,338	20,028
119	200804	2008		4	119	42,572	242,664	19,923
120	200901	2009		1	120	42,482	243,245	20,008
121	200902	2009		2	121	42,438	243,471	19,759
122	200903	2009		3	122	42,396	243,402	19,590
123	200904	2009		4	123	42,340	243,589	19,440
124	201001	2010		1	124	42,287	243,806	19,565
125	201002	2010		2	125	42,226	243,905	19,404
126	201003	2010		3	126	42,150	243,942	19,219
127	201004	2010		4	127	42,081	244,093	19,195
128	201101	2011		1	128	42,016	244,440	19,358
129	201102	2011		2	129	41,970	244,381	19,173
130	201103	2011		3	130	41,924	244,362	19,003
131	201104	2011		4	131	41,870	244,521	19,010
132	201201	2012		1	132	41,806	244,844	19,208
133	201202	2012		2	133	41,756	244,818	19,059
134	201203	2012		3	134	41,698	244,896	18,877
135	201204	2012		4	135	41,657	245,148	18,811
136	201301	2013		1	136	41,609	245,430	19,023
137	201302	2013		2	137	41,570	245,540	18,922
138	201303	2013		3	138	41,529	245,474	18,805
139	201304	2013		4	139	41,488	245,546	18,813
140	201401	2014		1	140	41,417	245,776	18,926
141	201402	2014		2	141	41,406	245,929	18,740
142	201403	2014		3	142	41,355	245,672	18,592
143	201404	2014		4	143	41,340	245,649	18,558
144	201501	2015		1	144	41,309	246,686	17,927
145	201502	2015		2	145	41,301	247,301	17,486
146	201503	2015		3	146	41,235	247,195	17,374
147	201504	2015		4	147	41,197	247,627	17,325
148	201601	2016		1	148	41,154	248,013	17,284
149	201602	2016		2	149	41,108	248,172	17,110
150	201603	2016		3	150	41,057	248,065	16,945
151	201604	2016		4	151	41,022	247,904	16,861
152	201701	2017		1	152	N/A	N/A	N/A
153	201702	2017		2	153	N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	trend	CONNMM	CONNCOM	ACTIND
154	201703	2017		3	154 N/A	N/A	N/A
155	201704	2017		4	155 N/A	N/A	N/A
156	201801	2018		1	156 N/A	N/A	N/A
157	201802	2018		2	157 N/A	N/A	N/A
158	201803	2018		3	158 N/A	N/A	N/A
159	201804	2018		4	159 N/A	N/A	N/A
160	201901	2019		1	160 N/A	N/A	N/A
161	201902	2019		2	161 N/A	N/A	N/A
162	201903	2019		3	162 N/A	N/A	N/A
163	201904	2019		4	163 N/A	N/A	N/A
164	202001	2020		1	164 N/A	N/A	N/A
165	202002	2020		2	165 N/A	N/A	N/A
166	202003	2020		3	166 N/A	N/A	N/A
167	202004	2020		4	167 N/A	N/A	N/A
168	202101	2021		1	168 N/A	N/A	N/A
169	202102	2021		2	169 N/A	N/A	N/A
170	202103	2021		3	170 N/A	N/A	N/A
171	202104	2021		4	171 N/A	N/A	N/A
172	202201	2022		1	172 N/A	N/A	N/A
173	202202	2022		2	173 N/A	N/A	N/A
174	202203	2022		3	174 N/A	N/A	N/A
175	202204	2022		4	175 N/A	N/A	N/A
176	202301	2023		1	176 N/A	N/A	N/A
177	202302	2023		2	177 N/A	N/A	N/A
178	202303	2023		3	178 N/A	N/A	N/A
179	202304	2023		4	179 N/A	N/A	N/A
180	202401	2024		1	180 N/A	N/A	N/A
181	202402	2024		2	181 N/A	N/A	N/A
182	202403	2024		3	182 N/A	N/A	N/A
183	202404	2024		4	183 N/A	N/A	N/A
184	202501	2025		1	184 N/A	N/A	N/A
185	202502	2025		2	185 N/A	N/A	N/A
186	202503	2025		3	186 N/A	N/A	N/A
187	202504	2025		4	187 N/A	N/A	N/A
188	202601	2026		1	188 N/A	N/A	N/A
189	202602	2026		2	189 N/A	N/A	N/A
190	202603	2026		3	190 N/A	N/A	N/A
191	202604	2026		4	191 N/A	N/A	N/A
192	202701	2027		1	192 N/A	N/A	N/A
193	202702	2027		2	193 N/A	N/A	N/A
194	202703	2027		3	194 N/A	N/A	N/A
195	202704	2027		4	195 N/A	N/A	N/A
196	202801	2028		1	196 N/A	N/A	N/A
197	202802	2028		2	197 N/A	N/A	N/A
198	202803	2028		3	198 N/A	N/A	N/A
199	202804	2028		4	199 N/A	N/A	N/A
200	202901	2029		1	200 N/A	N/A	N/A
201	202902	2029		2	201 N/A	N/A	N/A
202	202903	2029		3	202 N/A	N/A	N/A
203	202904	2029		4	203 N/A	N/A	N/A
204	203001	2030		1	204 N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	trend	CONNMM	CONNCOM	ACTIND
205	203002	2030		2	205 N/A	N/A	N/A
206	203003	2030		3	206 N/A	N/A	N/A
207	203004	2030		4	207 N/A	N/A	N/A
208	203101	2031		1	208 N/A	N/A	N/A
209	203102	2031		2	209 N/A	N/A	N/A
210	203103	2031		3	210 N/A	N/A	N/A
211	203104	2031		4	211 N/A	N/A	N/A
212	203201	2032		1	212 N/A	N/A	N/A
213	203202	2032		2	213 N/A	N/A	N/A
214	203203	2032		3	214 N/A	N/A	N/A
215	203204	2032		4	215 N/A	N/A	N/A
216	203301	2033		1	216 N/A	N/A	N/A
217	203302	2033		2	217 N/A	N/A	N/A
218	203303	2033		3	218 N/A	N/A	N/A
219	203304	2033		4	219 N/A	N/A	N/A
220	203401	2034		1	220 N/A	N/A	N/A
221	203402	2034		2	221 N/A	N/A	N/A
222	203403	2034		3	222 N/A	N/A	N/A
223	203404	2034		4	223 N/A	N/A	N/A
224	203501	2035		1	224 N/A	N/A	N/A
225	203502	2035		2	225 N/A	N/A	N/A
226	203503	2035		3	226 N/A	N/A	N/A
227	203504	2035		4	227 N/A	N/A	N/A
228	203601	2036		1	228 N/A	N/A	N/A
229	203602	2036		2	229 N/A	N/A	N/A
230	203603	2036		3	230 N/A	N/A	N/A
231	203604	2036		4	231 N/A	N/A	N/A
232	203701	2037		1	232 N/A	N/A	N/A
233	203702	2037		2	233 N/A	N/A	N/A
234	203703	2037		3	234 N/A	N/A	N/A
235	203704	2037		4	235 N/A	N/A	N/A
236	203801	2038		1	236 N/A	N/A	N/A
237	203802	2038		2	237 N/A	N/A	N/A
238	203803	2038		3	238 N/A	N/A	N/A
239	203804	2038		4	239 N/A	N/A	N/A
240	203901	2039		1	240 N/A	N/A	N/A
241	203902	2039		2	241 N/A	N/A	N/A
242	203903	2039		3	242 N/A	N/A	N/A
243	203904	2039		4	243 N/A	N/A	N/A
244	204001	2040		1	244 N/A	N/A	N/A
245	204002	2040		2	245 N/A	N/A	N/A
246	204003	2040		3	246 N/A	N/A	N/A
247	204004	2040		4	247 N/A	N/A	N/A
248	204101	2041		1	248 N/A	N/A	N/A
249	204102	2041		2	249 N/A	N/A	N/A
250	204103	2041		3	250 N/A	N/A	N/A
251	204104	2041		4	251 N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNMF	DConnMF	CONNRES	
1	197902	1979		2	1,044,831	3,542,050	
2	197903	1979		3	1,056,084	11,253	3,566,581
3	197904	1979		4	1,067,481	11,397	3,590,558
4	198001	1980		1	1,076,885	9,404	3,609,899
5	198002	1980		2	1,085,343	8,458	3,627,683
6	198003	1980		3	1,094,447	9,104	3,645,414
7	198004	1980		4	1,104,182	9,735	3,663,657
8	198101	1981		1	1,113,039	8,857	3,685,041
9	198102	1981		2	1,120,924	7,885	3,694,032
10	198103	1981		3	1,128,137	7,213	3,703,942
11	198104	1981		4	1,135,861	7,724	3,718,300
12	198201	1982		1	1,143,617	7,756	3,731,531
13	198202	1982		2	1,150,513	6,896	3,742,658
14	198203	1982		3	1,157,101	6,588	3,752,250
15	198204	1982		4	1,164,070	6,969	3,763,314
16	198301	1983		1	1,171,468	7,398	3,774,855
17	198302	1983		2	1,178,057	6,589	3,784,431
18	198303	1983		3	1,185,677	7,620	3,797,322
19	198304	1983		4	1,193,933	8,256	3,811,473
20	198401	1984		1	1,202,899	8,966	3,827,374
21	198402	1984		2	1,210,847	7,948	3,841,796
22	198403	1984		3	1,219,044	8,197	3,855,409
23	198404	1984		4	1,229,031	9,987	3,872,161
24	198501	1985		1	1,240,563	11,532	3,891,179
25	198502	1985		2	1,252,269	11,706	3,909,929
26	198503	1985		3	1,264,693	12,424	3,931,109
27	198504	1985		4	1,274,087	9,394	3,948,303
28	198601	1986		1	1,291,752	17,665	3,977,948
29	198602	1986		2	1,304,602	12,850	3,998,769
30	198603	1986		3	1,321,020	16,418	4,025,542
31	198604	1986		4	1,338,645	17,625	4,054,471
32	198701	1987		1	1,357,743	19,098	4,086,916
33	198702	1987		2	1,375,695	17,952	4,115,974
34	198703	1987		3	1,393,988	18,293	4,146,352
35	198704	1987		4	1,412,851	18,863	4,178,526
36	198801	1988		1	1,431,008	18,157	4,209,742
37	198802	1988		2	1,446,245	15,237	4,236,806
38	198803	1988		3	1,461,772	15,527	4,265,413
39	198804	1988		4	1,477,080	15,308	4,295,463
40	198901	1989		1	1,491,608	14,528	4,325,396
41	198902	1989		2	1,503,773	12,165	4,351,224
42	198903	1989		3	1,516,455	12,682	4,378,240
43	198904	1989		4	1,527,687	11,232	4,404,043
44	199001	1990		1	1,538,257	10,570	4,429,540
45	199002	1990		2	1,548,197	9,940	4,451,879
46	199003	1990		3	1,558,661	10,464	4,474,196
47	199004	1990		4	1,569,031	10,370	4,495,575
48	199101	1991		1	1,578,685	9,654	4,515,838
49	199102	1991		2	1,585,226	6,541	4,529,316
50	199103	1991		3	1,592,815	7,589	4,547,067
51	199104	1991		4	1,599,356	6,541	4,561,999

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNMF	DConnMF	CONNRES
52	199201	1992	1	1,605,648	6,292	4,578,511
53	199202	1992	2	1,609,530	3,882	4,588,493
54	199203	1992	3	1,614,333	4,803	4,600,253
55	199204	1992	4	1,617,793	3,460	4,610,344
56	199301	1993	1	1,622,983	5,190	4,623,722
57	199302	1993	2	1,625,981	2,998	4,633,091
58	199303	1993	3	1,628,994	3,013	4,642,760
59	199304	1993	4	1,631,384	2,390	4,653,009
60	199401	1994	1	1,633,936	2,552	4,663,896
61	199402	1994	2	1,635,446	1,510	4,672,323
62	199403	1994	3	1,636,299	853	4,680,520
63	199404	1994	4	1,638,623	2,324	4,688,980
64	199501	1995	1	1,639,364	741	4,699,545
65	199502	1995	2	1,641,896	2,532	4,709,878
66	199503	1995	3	1,644,230	2,334	4,719,551
67	199504	1995	4	1,646,880	2,650	4,729,862
68	199601	1996	1	1,650,665	3,785	4,745,530
69	199602	1996	2	1,653,824	3,159	4,761,408
70	199603	1996	3	1,653,652	(172)	4,763,704
71	199604	1996	4	1,655,288	1,636	4,774,126
72	199701	1997	1	1,657,156	1,868	4,784,404
73	199702	1997	2	1,658,583	1,427	4,793,847
74	199703	1997	3	1,659,839	1,256	4,803,629
75	199704	1997	4	1,661,381	1,542	4,814,809
76	199801	1998	1	1,663,079	1,698	4,826,113
77	199802	1998	2	1,664,297	1,218	4,836,096
78	199803	1998	3	1,665,237	940	4,846,087
79	199804	1998	4	1,666,266	1,029	4,857,260
80	199901	1999	1	1,667,744	1,478	4,869,520
81	199902	1999	2	1,668,939	1,195	4,881,087
82	199903	1999	3	1,669,901	962	4,892,684
83	199904	1999	4	1,671,157	1,256	4,905,479
84	200001	2000	1	1,672,110	953	4,917,648
85	200002	2000	2	1,673,490	1,380	4,929,245
86	200003	2000	3	1,674,705	1,215	4,940,921
87	200004	2000	4	1,675,802	1,097	4,955,205
88	200101	2001	1	1,676,450	648	4,968,449
89	200102	2001	2	1,677,728	1,278	4,981,854
90	200103	2001	3	1,679,462	1,734	4,996,289
91	200104	2001	4	1,680,863	1,401	5,011,483
92	200201	2002	1	1,682,493	1,630	5,027,317
93	200202	2002	2	1,684,068	1,575	5,041,293
94	200203	2002	3	1,685,287	1,219	5,054,914
95	200204	2002	4	1,686,762	1,475	5,070,605
96	200301	2003	1	1,688,173	1,411	5,087,363
97	200302	2003	2	1,691,800	3,627	5,102,799
98	200303	2003	3	1,698,946	7,146	5,120,930
99	200304	2003	4	1,702,718	3,772	5,139,572
100	200401	2004	1	1,706,683	3,965	5,158,231
101	200402	2004	2	1,709,744	3,061	5,175,548
102	200403	2004	3	1,711,623	1,879	5,192,624

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNMF	DConnMF	CONNRES	
103	200404	2004		4	1,714,166	2,543	5,211,715
104	200501	2005		1	1,716,613	2,447	5,229,466
105	200502	2005		2	1,718,240	1,627	5,245,507
106	200503	2005		3	1,721,898	3,658	5,267,964
107	200504	2005		4	1,724,006	2,108	5,284,726
108	200601	2006		1	1,728,103	4,097	5,305,737
109	200602	2006		2	1,732,341	4,238	5,325,124
110	200603	2006		3	1,736,811	4,470	5,342,860
111	200604	2006		4	1,741,663	4,852	5,361,024
112	200701	2007		1	1,748,077	6,414	5,379,414
113	200702	2007		2	1,753,258	5,181	5,392,644
114	200703	2007		3	1,758,177	4,919	5,405,490
115	200704	2007		4	1,763,497	5,320	5,418,824
116	200801	2008		1	1,768,672	5,175	5,430,253
117	200802	2008		2	1,773,994	5,322	5,440,026
118	200803	2008		3	1,779,737	5,743	5,450,581
119	200804	2008		4	1,784,639	4,902	5,459,921
120	200901	2009		1	1,787,967	3,328	5,466,701
121	200902	2009		2	1,792,067	4,100	5,473,407
122	200903	2009		3	1,795,984	3,917	5,480,582
123	200904	2009		4	1,798,805	2,821	5,486,808
124	201001	2010		1	1,802,483	3,678	5,493,637
125	201002	2010		2	1,805,613	3,130	5,499,719
126	201003	2010		3	1,808,846	3,233	5,505,856
127	201004	2010		4	1,811,071	2,225	5,510,824
128	201101	2011		1	1,812,395	1,324	5,514,278
129	201102	2011		2	1,813,744	1,349	5,517,458
130	201103	2011		3	1,815,364	1,620	5,521,303
131	201104	2011		4	1,817,304	1,940	5,525,545
132	201201	2012		1	1,819,593	2,289	5,529,770
133	201202	2012		2	1,821,789	2,195	5,533,768
134	201203	2012		3	1,823,985	2,197	5,538,189
135	201204	2012		4	1,825,913	1,927	5,542,899
136	201301	2013		1	1,828,289	2,376	5,548,363
137	201302	2013		2	1,830,694	2,405	5,553,641
138	201303	2013		3	1,833,310	2,615	5,559,483
139	201304	2013		4	1,835,373	2,063	5,565,205
140	201401	2014		1	1,840,306	4,933	5,575,829
141	201402	2014		2	1,842,040	1,734	5,579,760
142	201403	2014		3	1,844,144	2,104	5,584,039
143	201404	2014		4	1,847,151	3,007	5,591,485
144	201501	2015		1	1,850,093	2,942	5,598,716
145	201502	2015		2	1,855,177	5,084	5,610,379
146	201503	2015		3	1,857,817	2,640	5,614,614
147	201504	2015		4	1,860,866	3,049	5,621,567
148	201601	2016		1	1,864,977	4,111	5,630,266
149	201602	2016		2	1,868,067	3,090	5,637,529
150	201603	2016		3	1,870,791	2,724	5,644,957
151	201604	2016		4	1,873,095	2,304	5,652,607
152	201701	2017		1	N/A	N/A	N/A
153	201702	2017		2	N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNMF	DConnMF	CONNRES
154	201703	2017		3 N/A	N/A	N/A
155	201704	2017		4 N/A	N/A	N/A
156	201801	2018		1 N/A	N/A	N/A
157	201802	2018		2 N/A	N/A	N/A
158	201803	2018		3 N/A	N/A	N/A
159	201804	2018		4 N/A	N/A	N/A
160	201901	2019		1 N/A	N/A	N/A
161	201902	2019		2 N/A	N/A	N/A
162	201903	2019		3 N/A	N/A	N/A
163	201904	2019		4 N/A	N/A	N/A
164	202001	2020		1 N/A	N/A	N/A
165	202002	2020		2 N/A	N/A	N/A
166	202003	2020		3 N/A	N/A	N/A
167	202004	2020		4 N/A	N/A	N/A
168	202101	2021		1 N/A	N/A	N/A
169	202102	2021		2 N/A	N/A	N/A
170	202103	2021		3 N/A	N/A	N/A
171	202104	2021		4 N/A	N/A	N/A
172	202201	2022		1 N/A	N/A	N/A
173	202202	2022		2 N/A	N/A	N/A
174	202203	2022		3 N/A	N/A	N/A
175	202204	2022		4 N/A	N/A	N/A
176	202301	2023		1 N/A	N/A	N/A
177	202302	2023		2 N/A	N/A	N/A
178	202303	2023		3 N/A	N/A	N/A
179	202304	2023		4 N/A	N/A	N/A
180	202401	2024		1 N/A	N/A	N/A
181	202402	2024		2 N/A	N/A	N/A
182	202403	2024		3 N/A	N/A	N/A
183	202404	2024		4 N/A	N/A	N/A
184	202501	2025		1 N/A	N/A	N/A
185	202502	2025		2 N/A	N/A	N/A
186	202503	2025		3 N/A	N/A	N/A
187	202504	2025		4 N/A	N/A	N/A
188	202601	2026		1 N/A	N/A	N/A
189	202602	2026		2 N/A	N/A	N/A
190	202603	2026		3 N/A	N/A	N/A
191	202604	2026		4 N/A	N/A	N/A
192	202701	2027		1 N/A	N/A	N/A
193	202702	2027		2 N/A	N/A	N/A
194	202703	2027		3 N/A	N/A	N/A
195	202704	2027		4 N/A	N/A	N/A
196	202801	2028		1 N/A	N/A	N/A
197	202802	2028		2 N/A	N/A	N/A
198	202803	2028		3 N/A	N/A	N/A
199	202804	2028		4 N/A	N/A	N/A
200	202901	2029		1 N/A	N/A	N/A
201	202902	2029		2 N/A	N/A	N/A
202	202903	2029		3 N/A	N/A	N/A
203	202904	2029		4 N/A	N/A	N/A
204	203001	2030		1 N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNMF	DConnMF	CONNRES
205	203002	2030		2 N/A	N/A	N/A
206	203003	2030		3 N/A	N/A	N/A
207	203004	2030		4 N/A	N/A	N/A
208	203101	2031		1 N/A	N/A	N/A
209	203102	2031		2 N/A	N/A	N/A
210	203103	2031		3 N/A	N/A	N/A
211	203104	2031		4 N/A	N/A	N/A
212	203201	2032		1 N/A	N/A	N/A
213	203202	2032		2 N/A	N/A	N/A
214	203203	2032		3 N/A	N/A	N/A
215	203204	2032		4 N/A	N/A	N/A
216	203301	2033		1 N/A	N/A	N/A
217	203302	2033		2 N/A	N/A	N/A
218	203303	2033		3 N/A	N/A	N/A
219	203304	2033		4 N/A	N/A	N/A
220	203401	2034		1 N/A	N/A	N/A
221	203402	2034		2 N/A	N/A	N/A
222	203403	2034		3 N/A	N/A	N/A
223	203404	2034		4 N/A	N/A	N/A
224	203501	2035		1 N/A	N/A	N/A
225	203502	2035		2 N/A	N/A	N/A
226	203503	2035		3 N/A	N/A	N/A
227	203504	2035		4 N/A	N/A	N/A
228	203601	2036		1 N/A	N/A	N/A
229	203602	2036		2 N/A	N/A	N/A
230	203603	2036		3 N/A	N/A	N/A
231	203604	2036		4 N/A	N/A	N/A
232	203701	2037		1 N/A	N/A	N/A
233	203702	2037		2 N/A	N/A	N/A
234	203703	2037		3 N/A	N/A	N/A
235	203704	2037		4 N/A	N/A	N/A
236	203801	2038		1 N/A	N/A	N/A
237	203802	2038		2 N/A	N/A	N/A
238	203803	2038		3 N/A	N/A	N/A
239	203804	2038		4 N/A	N/A	N/A
240	203901	2039		1 N/A	N/A	N/A
241	203902	2039		2 N/A	N/A	N/A
242	203903	2039		3 N/A	N/A	N/A
243	203904	2039		4 N/A	N/A	N/A
244	204001	2040		1 N/A	N/A	N/A
245	204002	2040		2 N/A	N/A	N/A
246	204003	2040		3 N/A	N/A	N/A
247	204004	2040		4 N/A	N/A	N/A
248	204101	2041		1 N/A	N/A	N/A
249	204102	2041		2 N/A	N/A	N/A
250	204103	2041		3 N/A	N/A	N/A
251	204104	2041		4 N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSF	DCONNSF	DCONNMF	DCONNMM
1	197902	1979		2	2,475,361		
2	197903	1979		3	2,488,253	12,892	11,253
3	197904	1979		4	2,500,509	12,256	11,397
4	198001	1980		1	2,509,598	9,089	9,404
5	198002	1980		2	2,518,110	8,512	8,458
6	198003	1980		3	2,526,270	8,160	9,104
7	198004	1980		4	2,534,389	8,119	9,735
8	198101	1981		1	2,540,259	5,870	8,857
9	198102	1981		2	2,541,646	1,387	7,885
10	198103	1981		3	2,545,674	4,028	7,213
11	198104	1981		4	2,551,678	6,004	7,724
12	198201	1982		1	2,556,132	4,454	7,756
13	198202	1982		2	2,559,591	3,459	6,896
14	198203	1982		3	2,562,068	2,477	6,588
15	198204	1982		4	2,565,626	3,558	6,969
16	198301	1983		1	2,568,951	3,325	7,398
17	198302	1983		2	2,571,326	2,375	6,589
18	198303	1983		3	2,576,111	4,785	7,620
19	198304	1983		4	2,581,594	5,483	8,256
20	198401	1984		1	2,587,988	6,394	8,966
21	198402	1984		2	2,594,092	6,104	7,948
22	198403	1984		3	2,599,287	5,195	8,197
23	198404	1984		4	2,605,623	6,336	9,987
24	198501	1985		1	2,612,539	6,916	11,532
25	198502	1985		2	2,618,969	6,430	11,706
26	198503	1985		3	2,627,211	8,242	12,424
27	198504	1985		4	2,634,639	7,428	9,394
28	198601	1986		1	2,646,149	11,510	17,665
29	198602	1986		2	2,653,824	7,675	12,850
30	198603	1986		3	2,663,907	10,083	16,418
31	198604	1986		4	2,674,985	11,078	17,625
32	198701	1987		1	2,688,018	13,033	19,098
33	198702	1987		2	2,698,764	10,746	17,952
34	198703	1987		3	2,710,580	11,816	18,293
35	198704	1987		4	2,723,605	13,025	18,863
36	198801	1988		1	2,736,255	12,650	18,157
37	198802	1988		2	2,747,629	11,374	15,237
38	198803	1988		3	2,760,311	12,682	15,527
39	198804	1988		4	2,774,803	14,492	15,308
40	198901	1989		1	2,790,029	15,226	14,528
41	198902	1989		2	2,803,576	13,547	12,165
42	198903	1989		3	2,817,763	14,187	12,682
43	198904	1989		4	2,832,238	14,475	11,232
44	199001	1990		1	2,847,103	14,865	10,570
45	199002	1990		2	2,859,431	12,328	9,940
46	199003	1990		3	2,871,253	11,822	10,464
47	199004	1990		4	2,882,195	10,942	10,370
48	199101	1991		1	2,892,723	10,528	9,654
49	199102	1991		2	2,899,549	6,826	6,541
50	199103	1991		3	2,909,550	10,001	7,589
51	199104	1991		4	2,917,745	8,195	6,541

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSF	DCONNSF	DCONNMF	DCONNMM
52	199201	1992	1	2,927,753	10,008	6,292	211
53	199202	1992	2	2,933,755	6,002	3,882	98
54	199203	1992	3	2,940,598	6,843	4,803	113
55	199204	1992	4	2,947,115	6,517	3,460	115
56	199301	1993	1	2,955,141	8,026	5,190	163
57	199302	1993	2	2,961,327	6,186	2,998	184
58	199303	1993	3	2,967,791	6,464	3,013	191
59	199304	1993	4	2,975,591	7,800	2,390	60
60	199401	1994	1	2,983,921	8,330	2,552	5
61	199402	1994	2	2,990,756	6,835	1,510	81
62	199403	1994	3	2,998,066	7,310	853	36
63	199404	1994	4	3,004,186	6,120	2,324	15
64	199501	1995	1	3,013,981	9,795	741	29
65	199502	1995	2	3,021,715	7,734	2,532	67
66	199503	1995	3	3,028,927	7,212	2,334	127
67	199504	1995	4	3,036,514	7,587	2,650	73
68	199601	1996	1	3,048,395	11,881	3,785	3
69	199602	1996	2	3,061,158	12,763	3,159	(44)
70	199603	1996	3	3,063,648	2,490	(172)	(23)
71	199604	1996	4	3,072,469	8,821	1,636	(34)
72	199701	1997	1	3,080,946	8,477	1,868	(67)
73	199702	1997	2	3,088,999	8,053	1,427	(37)
74	199703	1997	3	3,097,558	8,559	1,256	(33)
75	199704	1997	4	3,107,284	9,726	1,542	(88)
76	199801	1998	1	3,116,896	9,612	1,698	(6)
77	199802	1998	2	3,125,735	8,839	1,218	(75)
78	199803	1998	3	3,134,780	9,045	940	7
79	199804	1998	4	3,145,007	10,227	1,029	(84)
80	199901	1999	1	3,155,835	10,828	1,478	(45)
81	199902	1999	2	3,166,253	10,418	1,195	(46)
82	199903	1999	3	3,176,875	10,622	962	14
83	199904	1999	4	3,188,446	11,571	1,256	(32)
84	200001	2000	1	3,199,775	11,329	953	(114)
85	200002	2000	2	3,210,148	10,373	1,380	(155)
86	200003	2000	3	3,220,647	10,499	1,215	(39)
87	200004	2000	4	3,233,917	13,270	1,097	(83)
88	200101	2001	1	3,246,646	12,729	648	(133)
89	200102	2001	2	3,258,898	12,252	1,278	(125)
90	200103	2001	3	3,271,641	12,743	1,734	(42)
91	200104	2001	4	3,285,495	13,854	1,401	(61)
92	200201	2002	1	3,299,778	14,283	1,630	(80)
93	200202	2002	2	3,312,278	12,500	1,575	(98)
94	200203	2002	3	3,324,776	12,498	1,219	(97)
95	200204	2002	4	3,339,089	14,313	1,475	(96)
96	200301	2003	1	3,354,499	15,410	1,411	(63)
97	200302	2003	2	3,366,439	11,940	3,627	(131)
98	200303	2003	3	3,377,532	11,093	7,146	(109)
99	200304	2003	4	3,392,458	14,926	3,772	(56)
100	200401	2004	1	3,407,249	14,791	3,965	(96)
101	200402	2004	2	3,421,602	14,353	3,061	(97)
102	200403	2004	3	3,436,905	15,303	1,879	(106)

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSF	DCONNSF	DCONNMF	DCONNMM
103	200404	2004		4	3,453,507	16,602	2,543 (53)
104	200501	2005		1	3,468,904	15,397	2,447 (94)
105	200502	2005		2	3,483,412	14,508	1,627 (94)
106	200503	2005		3	3,502,280	18,868	3,658 (69)
107	200504	2005		4	3,517,101	14,821	2,108 (167)
108	200601	2006		1	3,534,137	17,036	4,097 (122)
109	200602	2006		2	3,549,389	15,252	4,238 (102)
110	200603	2006		3	3,562,776	13,387	4,470 (123)
111	200604	2006		4	3,576,179	13,403	4,852 (90)
112	200701	2007		1	3,588,197	12,018	6,414 (42)
113	200702	2007		2	3,596,315	8,118	5,181 (69)
114	200703	2007		3	3,604,296	7,981	4,919 (53)
115	200704	2007		4	3,612,396	8,100	5,320 (87)
116	200801	2008		1	3,618,736	6,340	5,175 (86)
117	200802	2008		2	3,623,296	4,560	5,322 (109)
118	200803	2008		3	3,628,198	4,902	5,743 (91)
119	200804	2008		4	3,632,752	4,554	4,902 (73)
120	200901	2009		1	3,636,252	3,500	3,328 (90)
121	200902	2009		2	3,638,903	2,651	4,100 (44)
122	200903	2009		3	3,642,202	3,299	3,917 (42)
123	200904	2009		4	3,645,663	3,461	2,821 (56)
124	201001	2010		1	3,648,867	3,204	3,678 (53)
125	201002	2010		2	3,651,880	3,013	3,130 (61)
126	201003	2010		3	3,654,860	2,980	3,233 (76)
127	201004	2010		4	3,657,672	2,812	2,225 (69)
128	201101	2011		1	3,659,867	2,195	1,324 (65)
129	201102	2011		2	3,661,744	1,877	1,349 (46)
130	201103	2011		3	3,664,015	2,271	1,620 (46)
131	201104	2011		4	3,666,372	2,357	1,940 (54)
132	201201	2012		1	3,668,371	1,999	2,289 (64)
133	201202	2012		2	3,670,223	1,852	2,195 (49)
134	201203	2012		3	3,672,506	2,282	2,197 (58)
135	201204	2012		4	3,675,330	2,824	1,927 (41)
136	201301	2013		1	3,678,464	3,135	2,376 (47)
137	201302	2013		2	3,681,376	2,912	2,405 (39)
138	201303	2013		3	3,684,644	3,268	2,615 (41)
139	201304	2013		4	3,688,345	3,701	2,063 (42)
140	201401	2014		1	3,694,106	5,761	4,933 (71)
141	201402	2014		2	3,696,314	2,208	1,734 (11)
142	201403	2014		3	3,698,540	2,226	2,104 (51)
143	201404	2014		4	3,702,994	4,454	3,007 (15)
144	201501	2015		1	3,707,314	4,320	2,942 (32)
145	201502	2015		2	3,713,901	6,587	5,084 (8)
146	201503	2015		3	3,715,562	1,661	2,640 (66)
147	201504	2015		4	3,719,504	3,942	3,049 (38)
148	201601	2016		1	3,724,135	4,631	4,111 (43)
149	201602	2016		2	3,728,354	4,219	3,090 (46)
150	201603	2016		3	3,733,109	4,755	2,724 (51)
151	201604	2016		4	3,738,490	5,381	2,304 (35)
152	201701	2017		1	N/A	N/A	N/A
153	201702	2017		2	N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSF	DCONNSF	DCONNMF	DCONNMM
154	201703	2017		3 N/A	N/A	N/A	N/A
155	201704	2017		4 N/A	N/A	N/A	N/A
156	201801	2018		1 N/A	N/A	N/A	N/A
157	201802	2018		2 N/A	N/A	N/A	N/A
158	201803	2018		3 N/A	N/A	N/A	N/A
159	201804	2018		4 N/A	N/A	N/A	N/A
160	201901	2019		1 N/A	N/A	N/A	N/A
161	201902	2019		2 N/A	N/A	N/A	N/A
162	201903	2019		3 N/A	N/A	N/A	N/A
163	201904	2019		4 N/A	N/A	N/A	N/A
164	202001	2020		1 N/A	N/A	N/A	N/A
165	202002	2020		2 N/A	N/A	N/A	N/A
166	202003	2020		3 N/A	N/A	N/A	N/A
167	202004	2020		4 N/A	N/A	N/A	N/A
168	202101	2021		1 N/A	N/A	N/A	N/A
169	202102	2021		2 N/A	N/A	N/A	N/A
170	202103	2021		3 N/A	N/A	N/A	N/A
171	202104	2021		4 N/A	N/A	N/A	N/A
172	202201	2022		1 N/A	N/A	N/A	N/A
173	202202	2022		2 N/A	N/A	N/A	N/A
174	202203	2022		3 N/A	N/A	N/A	N/A
175	202204	2022		4 N/A	N/A	N/A	N/A
176	202301	2023		1 N/A	N/A	N/A	N/A
177	202302	2023		2 N/A	N/A	N/A	N/A
178	202303	2023		3 N/A	N/A	N/A	N/A
179	202304	2023		4 N/A	N/A	N/A	N/A
180	202401	2024		1 N/A	N/A	N/A	N/A
181	202402	2024		2 N/A	N/A	N/A	N/A
182	202403	2024		3 N/A	N/A	N/A	N/A
183	202404	2024		4 N/A	N/A	N/A	N/A
184	202501	2025		1 N/A	N/A	N/A	N/A
185	202502	2025		2 N/A	N/A	N/A	N/A
186	202503	2025		3 N/A	N/A	N/A	N/A
187	202504	2025		4 N/A	N/A	N/A	N/A
188	202601	2026		1 N/A	N/A	N/A	N/A
189	202602	2026		2 N/A	N/A	N/A	N/A
190	202603	2026		3 N/A	N/A	N/A	N/A
191	202604	2026		4 N/A	N/A	N/A	N/A
192	202701	2027		1 N/A	N/A	N/A	N/A
193	202702	2027		2 N/A	N/A	N/A	N/A
194	202703	2027		3 N/A	N/A	N/A	N/A
195	202704	2027		4 N/A	N/A	N/A	N/A
196	202801	2028		1 N/A	N/A	N/A	N/A
197	202802	2028		2 N/A	N/A	N/A	N/A
198	202803	2028		3 N/A	N/A	N/A	N/A
199	202804	2028		4 N/A	N/A	N/A	N/A
200	202901	2029		1 N/A	N/A	N/A	N/A
201	202902	2029		2 N/A	N/A	N/A	N/A
202	202903	2029		3 N/A	N/A	N/A	N/A
203	202904	2029		4 N/A	N/A	N/A	N/A
204	203001	2030		1 N/A	N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSF	DCONNSF	DCONNMF	DCONNMM
205	203002	2030		2 N/A	N/A	N/A	N/A
206	203003	2030		3 N/A	N/A	N/A	N/A
207	203004	2030		4 N/A	N/A	N/A	N/A
208	203101	2031		1 N/A	N/A	N/A	N/A
209	203102	2031		2 N/A	N/A	N/A	N/A
210	203103	2031		3 N/A	N/A	N/A	N/A
211	203104	2031		4 N/A	N/A	N/A	N/A
212	203201	2032		1 N/A	N/A	N/A	N/A
213	203202	2032		2 N/A	N/A	N/A	N/A
214	203203	2032		3 N/A	N/A	N/A	N/A
215	203204	2032		4 N/A	N/A	N/A	N/A
216	203301	2033		1 N/A	N/A	N/A	N/A
217	203302	2033		2 N/A	N/A	N/A	N/A
218	203303	2033		3 N/A	N/A	N/A	N/A
219	203304	2033		4 N/A	N/A	N/A	N/A
220	203401	2034		1 N/A	N/A	N/A	N/A
221	203402	2034		2 N/A	N/A	N/A	N/A
222	203403	2034		3 N/A	N/A	N/A	N/A
223	203404	2034		4 N/A	N/A	N/A	N/A
224	203501	2035		1 N/A	N/A	N/A	N/A
225	203502	2035		2 N/A	N/A	N/A	N/A
226	203503	2035		3 N/A	N/A	N/A	N/A
227	203504	2035		4 N/A	N/A	N/A	N/A
228	203601	2036		1 N/A	N/A	N/A	N/A
229	203602	2036		2 N/A	N/A	N/A	N/A
230	203603	2036		3 N/A	N/A	N/A	N/A
231	203604	2036		4 N/A	N/A	N/A	N/A
232	203701	2037		1 N/A	N/A	N/A	N/A
233	203702	2037		2 N/A	N/A	N/A	N/A
234	203703	2037		3 N/A	N/A	N/A	N/A
235	203704	2037		4 N/A	N/A	N/A	N/A
236	203801	2038		1 N/A	N/A	N/A	N/A
237	203802	2038		2 N/A	N/A	N/A	N/A
238	203803	2038		3 N/A	N/A	N/A	N/A
239	203804	2038		4 N/A	N/A	N/A	N/A
240	203901	2039		1 N/A	N/A	N/A	N/A
241	203902	2039		2 N/A	N/A	N/A	N/A
242	203903	2039		3 N/A	N/A	N/A	N/A
243	203904	2039		4 N/A	N/A	N/A	N/A
244	204001	2040		1 N/A	N/A	N/A	N/A
245	204002	2040		2 N/A	N/A	N/A	N/A
246	204003	2040		3 N/A	N/A	N/A	N/A
247	204004	2040		4 N/A	N/A	N/A	N/A
248	204101	2041		1 N/A	N/A	N/A	N/A
249	204102	2041		2 N/A	N/A	N/A	N/A
250	204103	2041		3 N/A	N/A	N/A	N/A
251	204104	2041		4 N/A	N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSFL	CONNMFL	CONNMML
1	197902	1979		2		
2	197903	1979		3	2,475,361	1,044,831
3	197904	1979		4	2,488,253	1,056,084
4	198001	1980		1	2,500,509	1,067,481
5	198002	1980		2	2,509,598	1,076,885
6	198003	1980		3	2,518,110	1,085,343
7	198004	1980		4	2,526,270	1,094,447
8	198101	1981		1	2,534,389	1,104,182
9	198102	1981		2	2,540,259	1,113,039
10	198103	1981		3	2,541,646	1,120,924
11	198104	1981		4	2,545,674	1,128,137
12	198201	1982		1	2,551,678	1,135,861
13	198202	1982		2	2,556,132	1,143,617
14	198203	1982		3	2,559,591	1,150,513
15	198204	1982		4	2,562,068	1,157,101
16	198301	1983		1	2,565,626	1,164,070
17	198302	1983		2	2,568,951	1,171,468
18	198303	1983		3	2,571,326	1,178,057
19	198304	1983		4	2,576,111	1,185,677
20	198401	1984		1	2,581,594	1,193,933
21	198402	1984		2	2,587,988	1,202,899
22	198403	1984		3	2,594,092	1,210,847
23	198404	1984		4	2,599,287	1,219,044
24	198501	1985		1	2,605,623	1,229,031
25	198502	1985		2	2,612,539	1,240,563
26	198503	1985		3	2,618,969	1,252,269
27	198504	1985		4	2,627,211	1,264,693
28	198601	1986		1	2,634,639	1,274,087
29	198602	1986		2	2,646,149	1,291,752
30	198603	1986		3	2,653,824	1,304,602
31	198604	1986		4	2,663,907	1,321,020
32	198701	1987		1	2,674,985	1,338,645
33	198702	1987		2	2,688,018	1,357,743
34	198703	1987		3	2,698,764	1,375,695
35	198704	1987		4	2,710,580	1,393,988
36	198801	1988		1	2,723,605	1,412,851
37	198802	1988		2	2,736,255	1,431,008
38	198803	1988		3	2,747,629	1,446,245
39	198804	1988		4	2,760,311	1,461,772
40	198901	1989		1	2,774,803	1,477,080
41	198902	1989		2	2,790,029	1,491,608
42	198903	1989		3	2,803,576	1,503,773
43	198904	1989		4	2,817,763	1,516,455
44	199001	1990		1	2,832,238	1,527,687
45	199002	1990		2	2,847,103	1,538,257
46	199003	1990		3	2,859,431	1,548,197
47	199004	1990		4	2,871,253	1,558,661
48	199101	1991		1	2,882,195	1,569,031
49	199102	1991		2	2,892,723	1,578,685
50	199103	1991		3	2,899,549	1,585,226
51	199104	1991		4	2,909,550	1,592,815

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSFL	CONNMFL	CONNMML
52	199201	1992	1	2,917,745	1,599,356	44,899
53	199202	1992	2	2,927,753	1,605,648	45,110
54	199203	1992	3	2,933,755	1,609,530	45,208
55	199204	1992	4	2,940,598	1,614,333	45,321
56	199301	1993	1	2,947,115	1,617,793	45,436
57	199302	1993	2	2,955,141	1,622,983	45,599
58	199303	1993	3	2,961,327	1,625,981	45,783
59	199304	1993	4	2,967,791	1,628,994	45,974
60	199401	1994	1	2,975,591	1,631,384	46,034
61	199402	1994	2	2,983,921	1,633,936	46,039
62	199403	1994	3	2,990,756	1,635,446	46,120
63	199404	1994	4	2,998,066	1,636,299	46,156
64	199501	1995	1	3,004,186	1,638,623	46,171
65	199502	1995	2	3,013,981	1,639,364	46,200
66	199503	1995	3	3,021,715	1,641,896	46,267
67	199504	1995	4	3,028,927	1,644,230	46,394
68	199601	1996	1	3,036,514	1,646,880	46,467
69	199602	1996	2	3,048,395	1,650,665	46,470
70	199603	1996	3	3,061,158	1,653,824	46,426
71	199604	1996	4	3,063,648	1,653,652	46,403
72	199701	1997	1	3,072,469	1,655,288	46,369
73	199702	1997	2	3,080,946	1,657,156	46,302
74	199703	1997	3	3,088,999	1,658,583	46,265
75	199704	1997	4	3,097,558	1,659,839	46,232
76	199801	1998	1	3,107,284	1,661,381	46,144
77	199802	1998	2	3,116,896	1,663,079	46,138
78	199803	1998	3	3,125,735	1,664,297	46,063
79	199804	1998	4	3,134,780	1,665,237	46,070
80	199901	1999	1	3,145,007	1,666,266	45,986
81	199902	1999	2	3,155,835	1,667,744	45,941
82	199903	1999	3	3,166,253	1,668,939	45,895
83	199904	1999	4	3,176,875	1,669,901	45,909
84	200001	2000	1	3,188,446	1,671,157	45,877
85	200002	2000	2	3,199,775	1,672,110	45,763
86	200003	2000	3	3,210,148	1,673,490	45,608
87	200004	2000	4	3,220,647	1,674,705	45,569
88	200101	2001	1	3,233,917	1,675,802	45,486
89	200102	2001	2	3,246,646	1,676,450	45,353
90	200103	2001	3	3,258,898	1,677,728	45,228
91	200104	2001	4	3,271,641	1,679,462	45,186
92	200201	2002	1	3,285,495	1,680,863	45,125
93	200202	2002	2	3,299,778	1,682,493	45,045
94	200203	2002	3	3,312,278	1,684,068	44,947
95	200204	2002	4	3,324,776	1,685,287	44,850
96	200301	2003	1	3,339,089	1,686,762	44,754
97	200302	2003	2	3,354,499	1,688,173	44,691
98	200303	2003	3	3,366,439	1,691,800	44,560
99	200304	2003	4	3,377,532	1,698,946	44,451
100	200401	2004	1	3,392,458	1,702,718	44,395
101	200402	2004	2	3,407,249	1,706,683	44,299
102	200403	2004	3	3,421,602	1,709,744	44,202

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSFL	CONNMFL	CONNMML	
103	200404	2004		4	3,436,905	1,711,623	44,096
104	200501	2005		1	3,453,507	1,714,166	44,043
105	200502	2005		2	3,468,904	1,716,613	43,949
106	200503	2005		3	3,483,412	1,718,240	43,855
107	200504	2005		4	3,502,280	1,721,898	43,786
108	200601	2006		1	3,517,101	1,724,006	43,619
109	200602	2006		2	3,534,137	1,728,103	43,497
110	200603	2006		3	3,549,389	1,732,341	43,395
111	200604	2006		4	3,562,776	1,736,811	43,272
112	200701	2007		1	3,576,179	1,741,663	43,182
113	200702	2007		2	3,588,197	1,748,077	43,140
114	200703	2007		3	3,596,315	1,753,258	43,071
115	200704	2007		4	3,604,296	1,758,177	43,018
116	200801	2008		1	3,612,396	1,763,497	42,931
117	200802	2008		2	3,618,736	1,768,672	42,845
118	200803	2008		3	3,623,296	1,773,994	42,736
119	200804	2008		4	3,628,198	1,779,737	42,645
120	200901	2009		1	3,632,752	1,784,639	42,572
121	200902	2009		2	3,636,252	1,787,967	42,482
122	200903	2009		3	3,638,903	1,792,067	42,438
123	200904	2009		4	3,642,202	1,795,984	42,396
124	201001	2010		1	3,645,663	1,798,805	42,340
125	201002	2010		2	3,648,867	1,802,483	42,287
126	201003	2010		3	3,651,880	1,805,613	42,226
127	201004	2010		4	3,654,860	1,808,846	42,150
128	201101	2011		1	3,657,672	1,811,071	42,081
129	201102	2011		2	3,659,867	1,812,395	42,016
130	201103	2011		3	3,661,744	1,813,744	41,970
131	201104	2011		4	3,664,015	1,815,364	41,924
132	201201	2012		1	3,666,372	1,817,304	41,870
133	201202	2012		2	3,668,371	1,819,593	41,806
134	201203	2012		3	3,670,223	1,821,789	41,756
135	201204	2012		4	3,672,506	1,823,985	41,698
136	201301	2013		1	3,675,330	1,825,913	41,657
137	201302	2013		2	3,678,464	1,828,289	41,609
138	201303	2013		3	3,681,376	1,830,694	41,570
139	201304	2013		4	3,684,644	1,833,310	41,529
140	201401	2014		1	3,688,345	1,835,373	41,488
141	201402	2014		2	3,694,106	1,840,306	41,417
142	201403	2014		3	3,696,314	1,842,040	41,406
143	201404	2014		4	3,698,540	1,844,144	41,355
144	201501	2015		1	3,702,994	1,847,151	41,340
145	201502	2015		2	3,707,314	1,850,093	41,309
146	201503	2015		3	3,713,901	1,855,177	41,301
147	201504	2015		4	3,715,562	1,857,817	41,235
148	201601	2016		1	3,719,504	1,860,866	41,197
149	201602	2016		2	3,724,135	1,864,977	41,154
150	201603	2016		3	3,728,354	1,868,067	41,108
151	201604	2016		4	3,733,109	1,870,791	41,057
152	201701	2017		1	3,738,490	1,873,095	41,022
153	201702	2017		2	N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSFL	CONNMFL	CONNMML
154	201703	2017		3 N/A	N/A	N/A
155	201704	2017		4 N/A	N/A	N/A
156	201801	2018		1 N/A	N/A	N/A
157	201802	2018		2 N/A	N/A	N/A
158	201803	2018		3 N/A	N/A	N/A
159	201804	2018		4 N/A	N/A	N/A
160	201901	2019		1 N/A	N/A	N/A
161	201902	2019		2 N/A	N/A	N/A
162	201903	2019		3 N/A	N/A	N/A
163	201904	2019		4 N/A	N/A	N/A
164	202001	2020		1 N/A	N/A	N/A
165	202002	2020		2 N/A	N/A	N/A
166	202003	2020		3 N/A	N/A	N/A
167	202004	2020		4 N/A	N/A	N/A
168	202101	2021		1 N/A	N/A	N/A
169	202102	2021		2 N/A	N/A	N/A
170	202103	2021		3 N/A	N/A	N/A
171	202104	2021		4 N/A	N/A	N/A
172	202201	2022		1 N/A	N/A	N/A
173	202202	2022		2 N/A	N/A	N/A
174	202203	2022		3 N/A	N/A	N/A
175	202204	2022		4 N/A	N/A	N/A
176	202301	2023		1 N/A	N/A	N/A
177	202302	2023		2 N/A	N/A	N/A
178	202303	2023		3 N/A	N/A	N/A
179	202304	2023		4 N/A	N/A	N/A
180	202401	2024		1 N/A	N/A	N/A
181	202402	2024		2 N/A	N/A	N/A
182	202403	2024		3 N/A	N/A	N/A
183	202404	2024		4 N/A	N/A	N/A
184	202501	2025		1 N/A	N/A	N/A
185	202502	2025		2 N/A	N/A	N/A
186	202503	2025		3 N/A	N/A	N/A
187	202504	2025		4 N/A	N/A	N/A
188	202601	2026		1 N/A	N/A	N/A
189	202602	2026		2 N/A	N/A	N/A
190	202603	2026		3 N/A	N/A	N/A
191	202604	2026		4 N/A	N/A	N/A
192	202701	2027		1 N/A	N/A	N/A
193	202702	2027		2 N/A	N/A	N/A
194	202703	2027		3 N/A	N/A	N/A
195	202704	2027		4 N/A	N/A	N/A
196	202801	2028		1 N/A	N/A	N/A
197	202802	2028		2 N/A	N/A	N/A
198	202803	2028		3 N/A	N/A	N/A
199	202804	2028		4 N/A	N/A	N/A
200	202901	2029		1 N/A	N/A	N/A
201	202902	2029		2 N/A	N/A	N/A
202	202903	2029		3 N/A	N/A	N/A
203	202904	2029		4 N/A	N/A	N/A
204	203001	2030		1 N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	CONNSFL	CONNMFL	CONNMML
205	203002	2030		2 N/A	N/A	N/A
206	203003	2030		3 N/A	N/A	N/A
207	203004	2030		4 N/A	N/A	N/A
208	203101	2031		1 N/A	N/A	N/A
209	203102	2031		2 N/A	N/A	N/A
210	203103	2031		3 N/A	N/A	N/A
211	203104	2031		4 N/A	N/A	N/A
212	203201	2032		1 N/A	N/A	N/A
213	203202	2032		2 N/A	N/A	N/A
214	203203	2032		3 N/A	N/A	N/A
215	203204	2032		4 N/A	N/A	N/A
216	203301	2033		1 N/A	N/A	N/A
217	203302	2033		2 N/A	N/A	N/A
218	203303	2033		3 N/A	N/A	N/A
219	203304	2033		4 N/A	N/A	N/A
220	203401	2034		1 N/A	N/A	N/A
221	203402	2034		2 N/A	N/A	N/A
222	203403	2034		3 N/A	N/A	N/A
223	203404	2034		4 N/A	N/A	N/A
224	203501	2035		1 N/A	N/A	N/A
225	203502	2035		2 N/A	N/A	N/A
226	203503	2035		3 N/A	N/A	N/A
227	203504	2035		4 N/A	N/A	N/A
228	203601	2036		1 N/A	N/A	N/A
229	203602	2036		2 N/A	N/A	N/A
230	203603	2036		3 N/A	N/A	N/A
231	203604	2036		4 N/A	N/A	N/A
232	203701	2037		1 N/A	N/A	N/A
233	203702	2037		2 N/A	N/A	N/A
234	203703	2037		3 N/A	N/A	N/A
235	203704	2037		4 N/A	N/A	N/A
236	203801	2038		1 N/A	N/A	N/A
237	203802	2038		2 N/A	N/A	N/A
238	203803	2038		3 N/A	N/A	N/A
239	203804	2038		4 N/A	N/A	N/A
240	203901	2039		1 N/A	N/A	N/A
241	203902	2039		2 N/A	N/A	N/A
242	203903	2039		3 N/A	N/A	N/A
243	203904	2039		4 N/A	N/A	N/A
244	204001	2040		1 N/A	N/A	N/A
245	204002	2040		2 N/A	N/A	N/A
246	204003	2040		3 N/A	N/A	N/A
247	204004	2040		4 N/A	N/A	N/A
248	204101	2041		1 N/A	N/A	N/A
249	204102	2041		2 N/A	N/A	N/A
250	204103	2041		3 N/A	N/A	N/A
251	204104	2041		4 N/A	N/A	N/A

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMF	HSMFL1	HSMFL2	HSMFL3
1	197902	1979		2	44,803		
2	197903	1979		3	41,419	44,803	
3	197904	1979		4	43,781	41,419	44,803
4	198001	1980		1	33,683	43,781	41,419
5	198002	1980		2	25,032	33,683	43,781
6	198003	1980		3	27,340	25,032	33,683
7	198004	1980		4	31,048	27,340	25,032
8	198101	1981		1	24,928	31,048	27,340
9	198102	1981		2	24,364	24,928	31,048
10	198103	1981		3	18,651	24,364	24,928
11	198104	1981		4	17,047	18,651	24,364
12	198201	1982		1	11,426	17,047	18,651
13	198202	1982		2	15,160	11,426	17,047
14	198203	1982		3	16,703	15,160	11,426
15	198204	1982		4	15,103	16,703	15,160
16	198301	1983		1	23,402	15,103	16,703
17	198302	1983		2	28,829	23,402	15,103
18	198303	1983		3	35,334	28,829	23,402
19	198304	1983		4	37,286	35,334	28,829
20	198401	1984		1	61,180	37,286	35,334
21	198402	1984		2	50,747	61,180	37,286
22	198403	1984		3	53,218	50,747	61,180
23	198404	1984		4	53,724	53,218	50,747
24	198501	1985		1	68,574	53,724	53,218
25	198502	1985		2	68,989	68,574	53,724
26	198503	1985		3	74,496	68,989	68,574
27	198504	1985		4	90,545	74,496	68,989
28	198601	1986		1	91,413	90,545	74,496
29	198602	1986		2	90,778	91,413	90,545
30	198603	1986		3	78,038	90,778	91,413
31	198604	1986		4	102,956	78,038	90,778
32	198701	1987		1	88,362	102,956	78,038
33	198702	1987		2	69,554	88,362	102,956
34	198703	1987		3	69,074	69,554	88,362
35	198704	1987		4	60,150	69,074	69,554
36	198801	1988		1	54,761	60,150	69,074
37	198802	1988		2	50,095	54,761	60,150
38	198803	1988		3	49,379	50,095	54,761
39	198804	1988		4	55,475	49,379	50,095
40	198901	1989		1	49,120	55,475	49,379
41	198902	1989		2	42,984	49,120	55,475
42	198903	1989		3	38,263	42,984	49,120
43	198904	1989		4	39,522	38,263	42,984
44	199001	1990		1	45,373	39,522	38,263
45	199002	1990		2	35,113	45,373	39,522
46	199003	1990		3	32,111	35,113	45,373
47	199004	1990		4	20,387	32,111	35,113
48	199101	1991		1	12,966	20,387	32,111
49	199102	1991		2	17,263	12,966	20,387
50	199103	1991		3	16,634	17,263	12,966
51	199104	1991		4	15,917	16,634	17,263

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMF	HSMFL1	HSMFL2	HSMFL3
52	199201	1992		1	11,870	15,917	17,263
53	199202	1992		2	9,201	11,870	16,634
54	199203	1992		3	9,573	9,201	15,917
55	199204	1992		4	9,179	9,573	11,870
56	199301	1993		1	7,882	9,179	9,201
57	199302	1993		2	6,759	7,882	9,573
58	199303	1993		3	5,784	6,759	9,179
59	199304	1993		4	3,253	5,784	7,882
60	199401	1994		1	5,928	3,253	6,759
61	199402	1994		2	7,295	5,928	5,784
62	199403	1994		3	9,902	7,295	3,253
63	199404	1994		4	12,224	9,902	5,928
64	199501	1995		1	8,457	12,224	7,295
65	199502	1995		2	6,938	8,457	9,902
66	199503	1995		3	7,045	6,938	12,224
67	199504	1995		4	6,887	7,045	8,457
68	199601	1996		1	9,476	6,887	6,938
69	199602	1996		2	9,529	9,476	7,045
70	199603	1996		3	5,466	9,529	6,887
71	199604	1996		4	8,048	5,466	9,476
72	199701	1997		1	6,417	8,048	9,529
73	199702	1997		2	12,060	6,417	8,048
74	199703	1997		3	7,474	12,060	6,417
75	199704	1997		4	10,380	7,474	12,060
76	199801	1998		1	7,048	10,380	7,474
77	199802	1998		2	10,618	7,048	10,380
78	199803	1998		3	10,397	10,618	7,048
79	199804	1998		4	10,587	10,397	10,618
80	199901	1999		1	12,648	10,587	10,397
81	199902	1999		2	8,475	12,648	10,618
82	199903	1999		3	13,972	8,475	10,587
83	199904	1999		4	13,803	13,972	12,648
84	200001	2000		1	17,388	13,803	8,475
85	200002	2000		2	17,042	17,388	13,972
86	200003	2000		3	19,302	17,042	13,803
87	200004	2000		4	10,546	19,302	17,388
88	200101	2001		1	16,507	10,546	17,042
89	200102	2001		2	16,075	16,507	19,302
90	200103	2001		3	14,279	16,075	10,546
91	200104	2001		4	13,196	14,279	16,507
92	200201	2002		1	13,925	13,196	16,075
93	200202	2002		2	12,388	13,925	14,279
94	200203	2002		3	13,109	12,388	13,196
95	200204	2002		4	21,989	13,109	13,925
96	200301	2003		1	19,791	21,989	12,388
97	200302	2003		2	22,326	19,791	13,109
98	200303	2003		3	16,694	22,326	21,989
99	200304	2003		4	19,719	16,694	19,791
100	200401	2004		1	21,153	19,719	22,326
101	200402	2004		2	22,130	21,153	16,694
102	200403	2004		3	25,124	22,130	19,719

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMF	HSMFL1	HSMFL2	HSMFL3
103	200404	2004		4	21,792	25,124	21,153
104	200501	2005		1	27,565	21,792	22,130
105	200502	2005		2	19,544	27,565	25,124
106	200503	2005		3	22,738	19,544	21,792
107	200504	2005		4	15,775	22,738	27,565
108	200601	2006		1	25,025	15,775	19,544
109	200602	2006		2	21,950	25,025	22,738
110	200603	2006		3	18,633	21,950	15,775
111	200604	2006		4	22,727	18,633	25,025
112	200701	2007		1	21,877	22,727	21,950
113	200702	2007		2	19,220	21,877	18,633
114	200703	2007		3	19,277	19,220	22,727
115	200704	2007		4	17,653	19,277	21,877
116	200801	2008		1	17,669	17,653	19,220
117	200802	2008		2	17,807	17,669	19,277
118	200803	2008		3	9,076	17,807	17,653
119	200804	2008		4	10,018	9,076	17,669
120	200901	2009		1	9,313	10,018	17,807
121	200902	2009		2	6,265	9,313	9,076
122	200903	2009		3	4,025	6,265	10,018
123	200904	2009		4	3,092	4,025	9,313
124	201001	2010		1	5,614	3,092	6,265
125	201002	2010		2	4,163	5,614	4,025
126	201003	2010		3	11,027	4,163	3,092
127	201004	2010		4	6,509	11,027	5,614
128	201101	2011		1	4,701	6,509	4,163
129	201102	2011		2	16,901	4,701	11,027
130	201103	2011		3	12,950	16,901	6,509
131	201104	2011		4	11,804	12,950	4,701
132	201201	2012		1	12,409	11,804	16,901
133	201202	2012		2	18,606	12,409	12,950
134	201203	2012		3	13,181	18,606	11,804
135	201204	2012		4	13,462	13,181	12,409
136	201301	2013		1	18,608	13,462	18,606
137	201302	2013		2	15,807	18,608	13,181
138	201303	2013		3	16,600	15,807	13,462
139	201304	2013		4	22,736	16,600	18,608
140	201401	2014		1	17,014	22,736	15,807
141	201402	2014		2	18,067	17,014	16,600
142	201403	2014		3	16,836	18,067	22,736
143	201404	2014		4	27,989	16,836	17,014
144	201501	2015		1	25,550	27,989	18,067
145	201502	2015		2	34,483	25,550	16,836
146	201503	2015		3	27,346	34,483	27,989
147	201504	2015		4	19,042	27,346	25,550
148	201601	2016		1	21,476	19,042	34,483
149	201602	2016		2	25,495	21,476	27,346
150	201603	2016		3	23,539	25,495	19,042
151	201604	2016		4	20,327	23,539	21,476
152	201701	2017		1	20,597	20,327	25,495
153	201702	2017		2	24,046	20,597	23,539

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMF	HSMFL1	HSMFL2	HSMFL3
154	201703	2017		3	24,735	24,046	20,597
155	201704	2017		4	25,911	24,735	24,046
156	201801	2018		1	26,417	25,911	24,735
157	201802	2018		2	26,825	26,417	25,911
158	201803	2018		3	27,012	26,825	26,417
159	201804	2018		4	28,041	27,012	26,825
160	201901	2019		1	28,491	28,041	27,012
161	201902	2019		2	29,242	28,491	28,041
162	201903	2019		3	29,643	29,242	28,491
163	201904	2019		4	29,951	29,643	29,242
164	202001	2020		1	30,485	29,951	29,643
165	202002	2020		2	30,771	30,485	29,951
166	202003	2020		3	31,433	30,771	30,485
167	202004	2020		4	31,742	31,433	30,771
168	202101	2021		1	32,398	31,742	31,433
169	202102	2021		2	32,785	32,398	31,742
170	202103	2021		3	33,244	32,785	32,398
171	202104	2021		4	33,278	33,244	32,785
172	202201	2022		1	33,605	33,278	33,244
173	202202	2022		2	33,673	33,605	33,278
174	202203	2022		3	33,957	33,673	33,605
175	202204	2022		4	33,830	33,957	33,673
176	202301	2023		1	33,988	33,830	33,957
177	202302	2023		2	33,877	33,988	33,830
178	202303	2023		3	34,084	33,877	33,988
179	202304	2023		4	33,960	34,084	33,877
180	202401	2024		1	34,223	33,960	34,084
181	202402	2024		2	34,227	34,223	33,960
182	202403	2024		3	34,512	34,227	34,223
183	202404	2024		4	34,502	34,512	34,227
184	202501	2025		1	34,763	34,502	34,512
185	202502	2025		2	34,816	34,763	34,502
186	202503	2025		3	34,874	34,816	34,763
187	202504	2025		4	35,094	34,874	34,816
188	202601	2026		1	35,235	35,094	34,874
189	202602	2026		2	35,210	35,235	35,094
190	202603	2026		3	35,300	35,210	35,235
191	202604	2026		4	35,150	35,300	35,210
192	202701	2027		1	35,197	35,150	35,300
193	202702	2027		2	35,121	35,197	35,150
194	202703	2027		3	35,021	35,121	35,197
195	202704	2027		4	34,531	35,021	35,121
196	202801	2028		1	34,767	34,531	35,021
197	202802	2028		2	34,720	34,767	34,531
198	202803	2028		3	34,805	34,720	34,767
199	202804	2028		4	34,923	34,805	34,720
200	202901	2029		1	35,112	34,923	34,805
201	202902	2029		2	35,249	35,112	34,923
202	202903	2029		3	35,387	35,249	35,112
203	202904	2029		4	35,399	35,387	35,249
204	203001	2030		1	35,592	35,399	35,387

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMF	HSMFL1	HSMFL2	HSMFL3	
205	203002	2030		2	35,832	35,592	35,399	35,387
206	203003	2030		3	35,465	35,832	35,592	35,399
207	203004	2030		4	35,602	35,465	35,832	35,592
208	203101	2031		1	35,906	35,602	35,465	35,832
209	203102	2031		2	35,796	35,906	35,602	35,465
210	203103	2031		3	35,907	35,796	35,906	35,602
211	203104	2031		4	35,939	35,907	35,796	35,906
212	203201	2032		1	36,261	35,939	35,907	35,796
213	203202	2032		2	35,927	36,261	35,939	35,907
214	203203	2032		3	35,894	35,927	36,261	35,939
215	203204	2032		4	36,127	35,894	35,927	36,261
216	203301	2033		1	36,526	36,127	35,894	35,927
217	203302	2033		2	36,388	36,526	36,127	35,894
218	203303	2033		3	36,398	36,388	36,526	36,127
219	203304	2033		4	36,719	36,398	36,388	36,526
220	203401	2034		1	37,171	36,719	36,398	36,388
221	203402	2034		2	36,814	37,171	36,719	36,398
222	203403	2034		3	37,177	36,814	37,171	36,719
223	203404	2034		4	37,335	37,177	36,814	37,171
224	203501	2035		1	37,774	37,335	37,177	36,814
225	203502	2035		2	37,565	37,774	37,335	37,177
226	203503	2035		3	37,751	37,565	37,774	37,335
227	203504	2035		4	37,892	37,751	37,565	37,774
228	203601	2036		1	38,077	37,892	37,751	37,565
229	203602	2036		2	37,599	38,077	37,892	37,751
230	203603	2036		3	37,742	37,599	38,077	37,892
231	203604	2036		4	37,796	37,742	37,599	38,077
232	203701	2037		1	37,894	37,796	37,742	37,599
233	203702	2037		2	37,877	37,894	37,796	37,742
234	203703	2037		3	37,753	37,877	37,894	37,796
235	203704	2037		4	37,618	37,753	37,877	37,894
236	203801	2038		1	37,566	37,618	37,753	37,877
237	203802	2038		2	37,507	37,566	37,618	37,753
238	203803	2038		3	37,311	37,507	37,566	37,618
239	203804	2038		4	37,181	37,311	37,507	37,566
240	203901	2039		1	37,077	37,181	37,311	37,507
241	203902	2039		2	37,007	37,077	37,181	37,311
242	203903	2039		3	36,791	37,007	37,077	37,181
243	203904	2039		4	36,717	36,791	37,007	37,077
244	204001	2040		1	36,745	36,717	36,791	37,007
245	204002	2040		2	36,642	36,745	36,717	36,791
246	204003	2040		3	36,650	36,642	36,745	36,717
247	204004	2040		4	36,591	36,650	36,642	36,745
248	204101	2041		1	36,666	36,591	36,650	36,642
249	204102	2041		2	36,517	36,666	36,591	36,650
250	204103	2041		3	36,517	36,517	36,666	36,591
251	204104	2041		4	36,589	36,517	36,517	36,666

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL4	HSMFL5	HSMFL6	HSMFL7
1	197902	1979		2			
2	197903	1979		3			
3	197904	1979		4			
4	198001	1980		1			
5	198002	1980		2	44,803		
6	198003	1980		3	41,419	44,803	
7	198004	1980		4	43,781	41,419	44,803
8	198101	1981		1	33,683	43,781	41,419
9	198102	1981		2	25,032	33,683	43,781
10	198103	1981		3	27,340	25,032	33,683
11	198104	1981		4	31,048	27,340	25,032
12	198201	1982		1	24,928	31,048	27,340
13	198202	1982		2	24,364	24,928	31,048
14	198203	1982		3	18,651	24,364	24,928
15	198204	1982		4	17,047	18,651	24,364
16	198301	1983		1	11,426	17,047	18,651
17	198302	1983		2	15,160	11,426	17,047
18	198303	1983		3	16,703	15,160	11,426
19	198304	1983		4	15,103	16,703	15,160
20	198401	1984		1	23,402	15,103	16,703
21	198402	1984		2	28,829	23,402	15,103
22	198403	1984		3	35,334	28,829	23,402
23	198404	1984		4	37,286	35,334	28,829
24	198501	1985		1	61,180	37,286	35,334
25	198502	1985		2	50,747	61,180	37,286
26	198503	1985		3	53,218	50,747	61,180
27	198504	1985		4	53,724	53,218	50,747
28	198601	1986		1	68,574	53,724	53,218
29	198602	1986		2	68,989	68,574	53,724
30	198603	1986		3	74,496	68,989	68,574
31	198604	1986		4	90,545	74,496	68,989
32	198701	1987		1	91,413	90,545	74,496
33	198702	1987		2	90,778	91,413	90,545
34	198703	1987		3	78,038	90,778	91,413
35	198704	1987		4	102,956	78,038	90,778
36	198801	1988		1	88,362	102,956	78,038
37	198802	1988		2	69,554	88,362	102,956
38	198803	1988		3	69,074	69,554	88,362
39	198804	1988		4	60,150	69,074	69,554
40	198901	1989		1	54,761	60,150	69,074
41	198902	1989		2	50,095	54,761	60,150
42	198903	1989		3	49,379	50,095	54,761
43	198904	1989		4	55,475	49,379	50,095
44	199001	1990		1	49,120	55,475	49,379
45	199002	1990		2	42,984	49,120	55,475
46	199003	1990		3	38,263	42,984	49,120
47	199004	1990		4	39,522	38,263	42,984
48	199101	1991		1	45,373	39,522	38,263
49	199102	1991		2	35,113	45,373	39,522
50	199103	1991		3	32,111	35,113	45,373
51	199104	1991		4	20,387	32,111	45,373

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL4	HSMFL5	HSMFL6	HSMFL7
52	199201	1992	1	12,966	20,387	32,111	35,113
53	199202	1992	2	17,263	12,966	20,387	32,111
54	199203	1992	3	16,634	17,263	12,966	20,387
55	199204	1992	4	15,917	16,634	17,263	12,966
56	199301	1993	1	11,870	15,917	16,634	17,263
57	199302	1993	2	9,201	11,870	15,917	16,634
58	199303	1993	3	9,573	9,201	11,870	15,917
59	199304	1993	4	9,179	9,573	9,201	11,870
60	199401	1994	1	7,882	9,179	9,573	9,201
61	199402	1994	2	6,759	7,882	9,179	9,573
62	199403	1994	3	5,784	6,759	7,882	9,179
63	199404	1994	4	3,253	5,784	6,759	7,882
64	199501	1995	1	5,928	3,253	5,784	6,759
65	199502	1995	2	7,295	5,928	3,253	5,784
66	199503	1995	3	9,902	7,295	5,928	3,253
67	199504	1995	4	12,224	9,902	7,295	5,928
68	199601	1996	1	8,457	12,224	9,902	7,295
69	199602	1996	2	6,938	8,457	12,224	9,902
70	199603	1996	3	7,045	6,938	8,457	12,224
71	199604	1996	4	6,887	7,045	6,938	8,457
72	199701	1997	1	9,476	6,887	7,045	6,938
73	199702	1997	2	9,529	9,476	6,887	7,045
74	199703	1997	3	5,466	9,529	9,476	6,887
75	199704	1997	4	8,048	5,466	9,529	9,476
76	199801	1998	1	6,417	8,048	5,466	9,529
77	199802	1998	2	12,060	6,417	8,048	5,466
78	199803	1998	3	7,474	12,060	6,417	8,048
79	199804	1998	4	10,380	7,474	12,060	6,417
80	199901	1999	1	7,048	10,380	7,474	12,060
81	199902	1999	2	10,618	7,048	10,380	7,474
82	199903	1999	3	10,397	10,618	7,048	10,380
83	199904	1999	4	10,587	10,397	10,618	7,048
84	200001	2000	1	12,648	10,587	10,397	10,618
85	200002	2000	2	8,475	12,648	10,587	10,397
86	200003	2000	3	13,972	8,475	12,648	10,587
87	200004	2000	4	13,803	13,972	8,475	12,648
88	200101	2001	1	17,388	13,803	13,972	8,475
89	200102	2001	2	17,042	17,388	13,803	13,972
90	200103	2001	3	19,302	17,042	17,388	13,803
91	200104	2001	4	10,546	19,302	17,042	17,388
92	200201	2002	1	16,507	10,546	19,302	17,042
93	200202	2002	2	16,075	16,507	10,546	19,302
94	200203	2002	3	14,279	16,075	16,507	10,546
95	200204	2002	4	13,196	14,279	16,075	16,507
96	200301	2003	1	13,925	13,196	14,279	16,075
97	200302	2003	2	12,388	13,925	13,196	14,279
98	200303	2003	3	13,109	12,388	13,925	13,196
99	200304	2003	4	21,989	13,109	12,388	13,925
100	200401	2004	1	19,791	21,989	13,109	12,388
101	200402	2004	2	22,326	19,791	21,989	13,109
102	200403	2004	3	16,694	22,326	19,791	21,989

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL4	HSMFL5	HSMFL6	HSMFL7	
103	200404	2004		4	19,719	16,694	22,326	19,791
104	200501	2005		1	21,153	19,719	16,694	22,326
105	200502	2005		2	22,130	21,153	19,719	16,694
106	200503	2005		3	25,124	22,130	21,153	19,719
107	200504	2005		4	21,792	25,124	22,130	21,153
108	200601	2006		1	27,565	21,792	25,124	22,130
109	200602	2006		2	19,544	27,565	21,792	25,124
110	200603	2006		3	22,738	19,544	27,565	21,792
111	200604	2006		4	15,775	22,738	19,544	27,565
112	200701	2007		1	25,025	15,775	22,738	19,544
113	200702	2007		2	21,950	25,025	15,775	22,738
114	200703	2007		3	18,633	21,950	25,025	15,775
115	200704	2007		4	22,727	18,633	21,950	25,025
116	200801	2008		1	21,877	22,727	18,633	21,950
117	200802	2008		2	19,220	21,877	22,727	18,633
118	200803	2008		3	19,277	19,220	21,877	22,727
119	200804	2008		4	17,653	19,277	19,220	21,877
120	200901	2009		1	17,669	17,653	19,277	19,220
121	200902	2009		2	17,807	17,669	17,653	19,277
122	200903	2009		3	9,076	17,807	17,669	17,653
123	200904	2009		4	10,018	9,076	17,807	17,669
124	201001	2010		1	9,313	10,018	9,076	17,807
125	201002	2010		2	6,265	9,313	10,018	9,076
126	201003	2010		3	4,025	6,265	9,313	10,018
127	201004	2010		4	3,092	4,025	6,265	9,313
128	201101	2011		1	5,614	3,092	4,025	6,265
129	201102	2011		2	4,163	5,614	3,092	4,025
130	201103	2011		3	11,027	4,163	5,614	3,092
131	201104	2011		4	6,509	11,027	4,163	5,614
132	201201	2012		1	4,701	6,509	11,027	4,163
133	201202	2012		2	16,901	4,701	6,509	11,027
134	201203	2012		3	12,950	16,901	4,701	6,509
135	201204	2012		4	11,804	12,950	16,901	4,701
136	201301	2013		1	12,409	11,804	12,950	16,901
137	201302	2013		2	18,606	12,409	11,804	12,950
138	201303	2013		3	13,181	18,606	12,409	11,804
139	201304	2013		4	13,462	13,181	18,606	12,409
140	201401	2014		1	18,608	13,462	13,181	18,606
141	201402	2014		2	15,807	18,608	13,462	13,181
142	201403	2014		3	16,600	15,807	18,608	13,462
143	201404	2014		4	22,736	16,600	15,807	18,608
144	201501	2015		1	17,014	22,736	16,600	15,807
145	201502	2015		2	18,067	17,014	22,736	16,600
146	201503	2015		3	16,836	18,067	17,014	22,736
147	201504	2015		4	27,989	16,836	18,067	17,014
148	201601	2016		1	25,550	27,989	16,836	18,067
149	201602	2016		2	34,483	25,550	27,989	16,836
150	201603	2016		3	27,346	34,483	25,550	27,989
151	201604	2016		4	19,042	27,346	34,483	25,550
152	201701	2017		1	21,476	19,042	27,346	34,483
153	201702	2017		2	25,495	21,476	19,042	27,346

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL4	HSMFL5	HSMFL6	HSMFL7
154	201703	2017	3	23,539	25,495	21,476	19,042
155	201704	2017	4	20,327	23,539	25,495	21,476
156	201801	2018	1	20,597	20,327	23,539	25,495
157	201802	2018	2	24,046	20,597	20,327	23,539
158	201803	2018	3	24,735	24,046	20,597	20,327
159	201804	2018	4	25,911	24,735	24,046	20,597
160	201901	2019	1	26,417	25,911	24,735	24,046
161	201902	2019	2	26,825	26,417	25,911	24,735
162	201903	2019	3	27,012	26,825	26,417	25,911
163	201904	2019	4	28,041	27,012	26,825	26,417
164	202001	2020	1	28,491	28,041	27,012	26,825
165	202002	2020	2	29,242	28,491	28,041	27,012
166	202003	2020	3	29,643	29,242	28,491	28,041
167	202004	2020	4	29,951	29,643	29,242	28,491
168	202101	2021	1	30,485	29,951	29,643	29,242
169	202102	2021	2	30,771	30,485	29,951	29,643
170	202103	2021	3	31,433	30,771	30,485	29,951
171	202104	2021	4	31,742	31,433	30,771	30,485
172	202201	2022	1	32,398	31,742	31,433	30,771
173	202202	2022	2	32,785	32,398	31,742	31,433
174	202203	2022	3	33,244	32,785	32,398	31,742
175	202204	2022	4	33,278	33,244	32,785	32,398
176	202301	2023	1	33,605	33,278	33,244	32,785
177	202302	2023	2	33,673	33,605	33,278	33,244
178	202303	2023	3	33,957	33,673	33,605	33,278
179	202304	2023	4	33,830	33,957	33,673	33,605
180	202401	2024	1	33,988	33,830	33,957	33,673
181	202402	2024	2	33,877	33,988	33,830	33,957
182	202403	2024	3	34,084	33,877	33,988	33,830
183	202404	2024	4	33,960	34,084	33,877	33,988
184	202501	2025	1	34,223	33,960	34,084	33,877
185	202502	2025	2	34,227	34,223	33,960	34,084
186	202503	2025	3	34,512	34,227	34,223	33,960
187	202504	2025	4	34,502	34,512	34,227	34,223
188	202601	2026	1	34,763	34,502	34,512	34,227
189	202602	2026	2	34,816	34,763	34,502	34,512
190	202603	2026	3	34,874	34,816	34,763	34,502
191	202604	2026	4	35,094	34,874	34,816	34,763
192	202701	2027	1	35,235	35,094	34,874	34,816
193	202702	2027	2	35,210	35,235	35,094	34,874
194	202703	2027	3	35,300	35,210	35,235	35,094
195	202704	2027	4	35,150	35,300	35,210	35,235
196	202801	2028	1	35,197	35,150	35,300	35,210
197	202802	2028	2	35,121	35,197	35,150	35,300
198	202803	2028	3	35,021	35,121	35,197	35,150
199	202804	2028	4	34,531	35,021	35,121	35,197
200	202901	2029	1	34,767	34,531	35,021	35,121
201	202902	2029	2	34,720	34,767	34,531	35,021
202	202903	2029	3	34,805	34,720	34,767	34,531
203	202904	2029	4	34,923	34,805	34,720	34,767
204	203001	2030	1	35,112	34,923	34,805	34,720

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL4	HSMFL5	HSMFL6	HSMFL7	
205	203002	2030		2	35,249	35,112	34,923	34,805
206	203003	2030		3	35,387	35,249	35,112	34,923
207	203004	2030		4	35,399	35,387	35,249	35,112
208	203101	2031		1	35,592	35,399	35,387	35,249
209	203102	2031		2	35,832	35,592	35,399	35,387
210	203103	2031		3	35,465	35,832	35,592	35,399
211	203104	2031		4	35,602	35,465	35,832	35,592
212	203201	2032		1	35,906	35,602	35,465	35,832
213	203202	2032		2	35,796	35,906	35,602	35,465
214	203203	2032		3	35,907	35,796	35,906	35,602
215	203204	2032		4	35,939	35,907	35,796	35,906
216	203301	2033		1	36,261	35,939	35,907	35,796
217	203302	2033		2	35,927	36,261	35,939	35,907
218	203303	2033		3	35,894	35,927	36,261	35,939
219	203304	2033		4	36,127	35,894	35,927	36,261
220	203401	2034		1	36,526	36,127	35,894	35,927
221	203402	2034		2	36,388	36,526	36,127	35,894
222	203403	2034		3	36,398	36,388	36,526	36,127
223	203404	2034		4	36,719	36,398	36,388	36,526
224	203501	2035		1	37,171	36,719	36,398	36,388
225	203502	2035		2	36,814	37,171	36,719	36,398
226	203503	2035		3	37,177	36,814	37,171	36,719
227	203504	2035		4	37,335	37,177	36,814	37,171
228	203601	2036		1	37,774	37,335	37,177	36,814
229	203602	2036		2	37,565	37,774	37,335	37,177
230	203603	2036		3	37,751	37,565	37,774	37,335
231	203604	2036		4	37,892	37,751	37,565	37,774
232	203701	2037		1	38,077	37,892	37,751	37,565
233	203702	2037		2	37,599	38,077	37,892	37,751
234	203703	2037		3	37,742	37,599	38,077	37,892
235	203704	2037		4	37,796	37,742	37,599	38,077
236	203801	2038		1	37,894	37,796	37,742	37,599
237	203802	2038		2	37,877	37,894	37,796	37,742
238	203803	2038		3	37,753	37,877	37,894	37,796
239	203804	2038		4	37,618	37,753	37,877	37,894
240	203901	2039		1	37,566	37,618	37,753	37,877
241	203902	2039		2	37,507	37,566	37,618	37,753
242	203903	2039		3	37,311	37,507	37,566	37,618
243	203904	2039		4	37,181	37,311	37,507	37,566
244	204001	2040		1	37,077	37,181	37,311	37,507
245	204002	2040		2	37,007	37,077	37,181	37,311
246	204003	2040		3	36,791	37,007	37,077	37,181
247	204004	2040		4	36,717	36,791	37,007	37,077
248	204101	2041		1	36,745	36,717	36,791	37,007
249	204102	2041		2	36,642	36,745	36,717	36,791
250	204103	2041		3	36,650	36,642	36,745	36,717
251	204104	2041		4	36,591	36,650	36,642	36,745

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL8	HSSF	HSSFL1	HSSFL2
1	197902	1979		2	68,483		
2	197903	1979		3	64,802	68,483	
3	197904	1979		4	54,887	64,802	68,483
4	198001	1980		1	45,696	54,887	64,802
5	198002	1980		2	32,706	45,696	54,887
6	198003	1980		3	41,723	32,706	45,696
7	198004	1980		4	46,637	41,723	32,706
8	198101	1981		1	39,476	46,637	41,723
9	198102	1981		2	44,803	39,476	46,637
10	198103	1981		3	41,419	23,217	39,476
11	198104	1981		4	43,781	21,020	41,700
12	198201	1982		1	33,683	22,355	23,217
13	198202	1982		2	25,032	22,059	21,020
14	198203	1982		3	27,340	23,253	22,355
15	198204	1982		4	31,048	30,457	22,059
16	198301	1983		1	24,928	41,982	23,253
17	198302	1983		2	24,364	55,146	41,982
18	198303	1983		3	18,651	56,595	55,146
19	198304	1983		4	17,047	62,304	56,595
20	198401	1984		1	11,426	72,513	62,304
21	198402	1984		2	15,160	62,657	72,513
22	198403	1984		3	16,703	52,818	62,657
23	198404	1984		4	15,103	56,470	52,818
24	198501	1985		1	23,402	68,304	56,470
25	198502	1985		2	28,829	59,635	68,304
26	198503	1985		3	35,334	58,414	59,635
27	198504	1985		4	37,286	62,211	58,414
28	198601	1986		1	61,180	69,307	62,211
29	198602	1986		2	50,747	76,143	69,307
30	198603	1986		3	53,218	70,471	76,143
31	198604	1986		4	53,724	85,728	70,471
32	198701	1987		1	68,574	93,717	85,728
33	198702	1987		2	68,989	73,624	93,717
34	198703	1987		3	74,496	72,868	73,624
35	198704	1987		4	90,545	70,440	72,868
36	198801	1988		1	91,413	90,439	70,440
37	198802	1988		2	90,778	82,977	90,439
38	198803	1988		3	78,038	89,611	82,977
39	198804	1988		4	102,956	96,923	89,611
40	198901	1989		1	88,362	90,025	96,923
41	198902	1989		2	69,554	92,670	90,025
42	198903	1989		3	69,074	89,678	92,670
43	198904	1989		4	60,150	89,638	89,678
44	199001	1990		1	54,761	80,063	89,638
45	199002	1990		2	50,095	56,612	80,063
46	199003	1990		3	49,379	49,096	56,612
47	199004	1990		4	55,475	40,108	49,096
48	199101	1991		1	49,120	33,470	40,108
49	199102	1991		2	42,984	41,929	33,470
50	199103	1991		3	38,263	40,378	41,929
51	199104	1991		4	39,522	40,174	40,378

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL8	HSSF	HSSFL1	HSSFL2
52	199201	1992	1	45,373	42,195	40,174	40,378
53	199202	1992	2	35,113	43,899	42,195	40,174
54	199203	1992	3	32,111	40,263	43,899	42,195
55	199204	1992	4	20,387	41,889	40,263	43,899
56	199301	1993	1	12,966	37,643	41,889	40,263
57	199302	1993	2	17,263	41,260	37,643	41,889
58	199303	1993	3	16,634	34,331	41,260	37,643
59	199304	1993	4	15,917	37,610	34,331	41,260
60	199401	1994	1	11,870	43,769	37,610	34,331
61	199402	1994	2	9,201	40,856	43,769	37,610
62	199403	1994	3	9,573	41,991	40,856	43,769
63	199404	1994	4	9,179	36,931	41,991	40,856
64	199501	1995	1	7,882	35,174	36,931	41,991
65	199502	1995	2	6,759	33,221	35,174	36,931
66	199503	1995	3	5,784	36,268	33,221	35,174
67	199504	1995	4	3,253	35,349	36,268	33,221
68	199601	1996	1	5,928	38,674	35,349	36,268
69	199602	1996	2	7,295	38,292	38,674	35,349
70	199603	1996	3	9,902	37,387	38,292	38,674
71	199604	1996	4	12,224	33,558	37,387	38,292
72	199701	1997	1	8,457	43,295	33,558	37,387
73	199702	1997	2	6,938	38,906	43,295	33,558
74	199703	1997	3	7,045	38,512	38,906	43,295
75	199704	1997	4	6,887	44,237	38,512	38,906
76	199801	1998	1	9,476	44,232	44,237	38,512
77	199802	1998	2	9,529	43,559	44,232	44,237
78	199803	1998	3	5,466	47,314	43,559	44,232
79	199804	1998	4	8,048	43,480	47,314	43,559
80	199901	1999	1	6,417	47,163	43,480	47,314
81	199902	1999	2	12,060	48,013	47,163	43,480
82	199903	1999	3	7,474	49,168	48,013	47,163
83	199904	1999	4	10,380	47,026	49,168	48,013
84	200001	2000	1	7,048	48,632	47,026	49,168
85	200002	2000	2	10,618	37,264	48,632	47,026
86	200003	2000	3	10,397	44,810	37,264	48,632
87	200004	2000	4	10,587	51,861	44,810	37,264
88	200101	2001	1	12,648	53,272	51,861	44,810
89	200102	2001	2	8,475	53,503	53,272	51,861
90	200103	2001	3	13,972	49,632	53,503	53,272
91	200104	2001	4	13,803	53,077	49,632	53,503
92	200201	2002	1	17,388	61,071	53,077	49,632
93	200202	2002	2	17,042	57,420	61,071	53,077
94	200203	2002	3	19,302	62,596	57,420	61,071
95	200204	2002	4	10,546	66,612	62,596	57,420
96	200301	2003	1	16,507	72,694	66,612	62,596
97	200302	2003	2	16,075	76,937	72,694	66,612
98	200303	2003	3	14,279	64,719	76,937	72,694
99	200304	2003	4	13,196	80,854	64,719	76,937
100	200401	2004	1	13,925	82,224	80,854	64,719
101	200402	2004	2	12,388	81,193	82,224	80,854
102	200403	2004	3	13,109	80,518	81,193	82,224

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL8	HSSF	HSSFL1	HSSFL2	
103	200404	2004		4	21,989	80,557	80,518	81,193
104	200501	2005		1	19,791	79,835	80,557	80,518
105	200502	2005		2	22,326	85,719	79,835	80,557
106	200503	2005		3	16,694	93,556	85,719	79,835
107	200504	2005		4	19,719	81,867	93,556	85,719
108	200601	2006		1	21,153	84,726	81,867	93,556
109	200602	2006		2	22,130	76,913	84,726	81,867
110	200603	2006		3	25,124	62,516	76,913	84,726
111	200604	2006		4	21,792	52,949	62,516	76,913
112	200701	2007		1	27,565	49,123	52,949	62,516
113	200702	2007		2	19,544	47,098	49,123	52,949
114	200703	2007		3	22,738	34,659	47,098	49,123
115	200704	2007		4	15,775	25,925	34,659	47,098
116	200801	2008		1	25,025	24,019	25,925	34,659
117	200802	2008		2	21,950	21,814	24,019	25,925
118	200803	2008		3	18,633	17,592	21,814	24,019
119	200804	2008		4	22,727	13,973	17,592	21,814
120	200901	2009		1	21,877	11,120	13,973	17,592
121	200902	2009		2	19,220	16,087	11,120	13,973
122	200903	2009		3	19,277	16,606	16,087	11,120
123	200904	2009		4	17,653	15,607	16,606	16,087
124	201001	2010		1	17,669	16,884	15,607	16,606
125	201002	2010		2	17,807	14,008	16,884	15,607
126	201003	2010		3	9,076	13,719	14,008	16,884
127	201004	2010		4	10,018	15,886	13,719	14,008
128	201101	2011		1	9,313	14,936	15,886	13,719
129	201102	2011		2	6,265	12,264	14,936	15,886
130	201103	2011		3	4,025	11,243	12,264	14,936
131	201104	2011		4	3,092	11,858	11,243	12,264
132	201201	2012		1	5,614	12,376	11,858	11,243
133	201202	2012		2	4,163	12,880	12,376	11,858
134	201203	2012		3	11,027	14,991	12,880	12,376
135	201204	2012		4	6,509	19,418	14,991	12,880
136	201301	2013		1	4,701	20,065	19,418	14,991
137	201302	2013		2	16,901	18,436	20,065	19,418
138	201303	2013		3	12,950	21,084	18,436	20,065
139	201304	2013		4	11,804	22,933	21,084	18,436
140	201401	2014		1	12,409	23,842	22,933	21,084
141	201402	2014		2	18,606	22,350	23,842	22,933
142	201403	2014		3	13,181	23,232	22,350	23,842
143	201404	2014		4	13,462	25,073	23,232	22,350
144	201501	2015		1	18,608	23,348	25,073	23,232
145	201502	2015		2	15,807	27,079	23,348	25,073
146	201503	2015		3	16,600	23,940	27,079	23,348
147	201504	2015		4	22,736	24,642	23,940	27,079
148	201601	2016		1	17,014	25,247	24,642	23,940
149	201602	2016		2	18,067	24,532	25,247	24,642
150	201603	2016		3	16,836	27,194	24,532	25,247
151	201604	2016		4	27,989	30,614	27,194	24,532
152	201701	2017		1	25,550	32,877	30,614	27,194
153	201702	2017		2	34,483	34,799	32,877	30,614

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL8	HSSF	HSSFL1	HSSFL2	
154	201703	2017		3	27,346	35,899	34,799	32,877
155	201704	2017		4	19,042	37,093	35,899	34,799
156	201801	2018		1	21,476	38,054	37,093	35,899
157	201802	2018		2	25,495	38,694	38,054	37,093
158	201803	2018		3	23,539	39,699	38,694	38,054
159	201804	2018		4	20,327	40,974	39,699	38,694
160	201901	2019		1	20,597	41,473	40,974	39,699
161	201902	2019		2	24,046	42,257	41,473	40,974
162	201903	2019		3	24,735	42,720	42,257	41,473
163	201904	2019		4	25,911	43,171	42,720	42,257
164	202001	2020		1	26,417	43,433	43,171	42,720
165	202002	2020		2	26,825	43,679	43,433	43,171
166	202003	2020		3	27,012	44,014	43,679	43,433
167	202004	2020		4	28,041	44,143	44,014	43,679
168	202101	2021		1	28,491	44,237	44,143	44,014
169	202102	2021		2	29,242	44,433	44,237	44,143
170	202103	2021		3	29,643	44,677	44,433	44,237
171	202104	2021		4	29,951	44,616	44,677	44,433
172	202201	2022		1	30,485	44,511	44,616	44,677
173	202202	2022		2	30,771	44,264	44,511	44,616
174	202203	2022		3	31,433	44,147	44,264	44,511
175	202204	2022		4	31,742	44,164	44,147	44,264
176	202301	2023		1	32,398	44,437	44,164	44,147
177	202302	2023		2	32,785	44,436	44,437	44,164
178	202303	2023		3	33,244	44,087	44,436	44,437
179	202304	2023		4	33,278	43,643	44,087	44,436
180	202401	2024		1	33,605	43,715	43,643	44,087
181	202402	2024		2	33,673	43,510	43,715	43,643
182	202403	2024		3	33,957	43,248	43,510	43,715
183	202404	2024		4	33,830	43,105	43,248	43,510
184	202501	2025		1	33,988	43,009	43,105	43,248
185	202502	2025		2	33,877	42,930	43,009	43,105
186	202503	2025		3	34,084	42,646	42,930	43,009
187	202504	2025		4	33,960	42,434	42,646	42,930
188	202601	2026		1	34,223	42,300	42,434	42,646
189	202602	2026		2	34,227	42,039	42,300	42,434
190	202603	2026		3	34,512	41,918	42,039	42,300
191	202604	2026		4	34,502	41,692	41,918	42,039
192	202701	2027		1	34,763	41,481	41,692	41,918
193	202702	2027		2	34,816	40,996	41,481	41,692
194	202703	2027		3	34,874	40,598	40,996	41,481
195	202704	2027		4	35,094	40,257	40,598	40,996
196	202801	2028		1	35,235	39,917	40,257	40,598
197	202802	2028		2	35,210	39,423	39,917	40,257
198	202803	2028		3	35,300	39,066	39,423	39,917
199	202804	2028		4	35,150	38,833	39,066	39,423
200	202901	2029		1	35,197	38,793	38,833	39,066
201	202902	2029		2	35,121	38,930	38,793	38,833
202	202903	2029		3	35,021	39,124	38,930	38,793
203	202904	2029		4	34,531	39,235	39,124	38,930
204	203001	2030		1	34,767	39,362	39,235	39,124

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSMFL8	HSSF	HSSFL1	HSSFL2	
205	203002	2030		2	34,720	39,716	39,362	39,235
206	203003	2030		3	34,805	40,057	39,716	39,362
207	203004	2030		4	34,923	40,059	40,057	39,716
208	203101	2031		1	35,112	39,898	40,059	40,057
209	203102	2031		2	35,249	39,433	39,898	40,059
210	203103	2031		3	35,387	39,140	39,433	39,898
211	203104	2031		4	35,399	39,000	39,140	39,433
212	203201	2032		1	35,592	38,950	39,000	39,140
213	203202	2032		2	35,832	38,464	38,950	39,000
214	203203	2032		3	35,465	38,042	38,464	38,950
215	203204	2032		4	35,602	37,945	38,042	38,464
216	203301	2033		1	35,906	38,031	37,945	38,042
217	203302	2033		2	35,796	38,368	38,031	37,945
218	203303	2033		3	35,907	38,625	38,368	38,031
219	203304	2033		4	35,939	38,864	38,625	38,368
220	203401	2034		1	36,261	39,121	38,864	38,625
221	203402	2034		2	35,927	39,260	39,121	38,864
222	203403	2034		3	35,894	39,403	39,260	39,121
223	203404	2034		4	36,127	39,579	39,403	39,260
224	203501	2035		1	36,526	39,676	39,579	39,403
225	203502	2035		2	36,388	39,967	39,676	39,579
226	203503	2035		3	36,398	40,221	39,967	39,676
227	203504	2035		4	36,719	40,410	40,221	39,967
228	203601	2036		1	37,171	40,527	40,410	40,221
229	203602	2036		2	36,814	40,275	40,527	40,410
230	203603	2036		3	37,177	40,068	40,275	40,527
231	203604	2036		4	37,335	40,121	40,068	40,275
232	203701	2037		1	37,774	40,211	40,121	40,068
233	203702	2037		2	37,565	40,384	40,211	40,121
234	203703	2037		3	37,751	40,541	40,384	40,211
235	203704	2037		4	37,892	40,558	40,541	40,384
236	203801	2038		1	38,077	40,618	40,558	40,541
237	203802	2038		2	37,599	40,577	40,618	40,558
238	203803	2038		3	37,742	40,472	40,577	40,618
239	203804	2038		4	37,796	40,485	40,472	40,577
240	203901	2039		1	37,894	40,589	40,485	40,472
241	203902	2039		2	37,877	40,369	40,589	40,485
242	203903	2039		3	37,753	40,192	40,369	40,589
243	203904	2039		4	37,618	40,271	40,192	40,369
244	204001	2040		1	37,566	40,345	40,271	40,192
245	204002	2040		2	37,507	40,534	40,345	40,271
246	204003	2040		3	37,311	40,699	40,534	40,345
247	204004	2040		4	37,181	40,823	40,699	40,534
248	204101	2041		1	37,077	40,923	40,823	40,699
249	204102	2041		2	37,007	40,897	40,923	40,823
250	204103	2041		3	36,791	40,750	40,897	40,923
251	204104	2041		4	36,717	40,637	40,750	40,897

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL3	HSSFL4	HSSFL5	HSSFL6
1	197902	1979		2			
2	197903	1979		3			
3	197904	1979		4			
4	198001	1980		1	68,483		
5	198002	1980		2	64,802	68,483	
6	198003	1980		3	54,887	64,802	68,483
7	198004	1980		4	45,696	54,887	64,802
8	198101	1981		1	32,706	45,696	54,887
9	198102	1981		2	41,723	32,706	45,696
10	198103	1981		3	46,637	41,723	32,706
11	198104	1981		4	39,476	46,637	41,723
12	198201	1982		1	41,700	39,476	46,637
13	198202	1982		2	23,217	41,700	39,476
14	198203	1982		3	21,020	23,217	41,700
15	198204	1982		4	22,355	21,020	23,217
16	198301	1983		1	22,059	22,355	21,020
17	198302	1983		2	23,253	22,059	22,355
18	198303	1983		3	30,457	23,253	22,059
19	198304	1983		4	41,982	30,457	23,253
20	198401	1984		1	55,146	41,982	30,457
21	198402	1984		2	56,595	55,146	41,982
22	198403	1984		3	62,304	56,595	55,146
23	198404	1984		4	72,513	62,304	56,595
24	198501	1985		1	62,657	72,513	62,304
25	198502	1985		2	52,818	62,657	72,513
26	198503	1985		3	56,470	52,818	62,657
27	198504	1985		4	68,304	56,470	52,818
28	198601	1986		1	59,635	68,304	56,470
29	198602	1986		2	58,414	59,635	68,304
30	198603	1986		3	62,211	58,414	59,635
31	198604	1986		4	69,307	62,211	58,414
32	198701	1987		1	76,143	69,307	62,211
33	198702	1987		2	70,471	76,143	69,307
34	198703	1987		3	85,728	70,471	76,143
35	198704	1987		4	93,717	85,728	70,471
36	198801	1988		1	73,624	93,717	85,728
37	198802	1988		2	72,868	73,624	93,717
38	198803	1988		3	70,440	72,868	73,624
39	198804	1988		4	90,439	70,440	72,868
40	198901	1989		1	82,977	90,439	70,440
41	198902	1989		2	89,611	82,977	90,439
42	198903	1989		3	96,923	89,611	82,977
43	198904	1989		4	90,025	96,923	89,611
44	199001	1990		1	92,670	90,025	96,923
45	199002	1990		2	89,678	92,670	90,025
46	199003	1990		3	89,638	89,678	92,670
47	199004	1990		4	80,063	89,638	89,678
48	199101	1991		1	56,612	80,063	89,638
49	199102	1991		2	49,096	56,612	80,063
50	199103	1991		3	40,108	49,096	56,612
51	199104	1991		4	33,470	40,108	49,096

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL3	HSSFL4	HSSFL5	HSSFL6
52	199201	1992	1	41,929	33,470	40,108	49,096
53	199202	1992	2	40,378	41,929	33,470	40,108
54	199203	1992	3	40,174	40,378	41,929	33,470
55	199204	1992	4	42,195	40,174	40,378	41,929
56	199301	1993	1	43,899	42,195	40,174	40,378
57	199302	1993	2	40,263	43,899	42,195	40,174
58	199303	1993	3	41,889	40,263	43,899	42,195
59	199304	1993	4	37,643	41,889	40,263	43,899
60	199401	1994	1	41,260	37,643	41,889	40,263
61	199402	1994	2	34,331	41,260	37,643	41,889
62	199403	1994	3	37,610	34,331	41,260	37,643
63	199404	1994	4	43,769	37,610	34,331	41,260
64	199501	1995	1	40,856	43,769	37,610	34,331
65	199502	1995	2	41,991	40,856	43,769	37,610
66	199503	1995	3	36,931	41,991	40,856	43,769
67	199504	1995	4	35,174	36,931	41,991	40,856
68	199601	1996	1	33,221	35,174	36,931	41,991
69	199602	1996	2	36,268	33,221	35,174	36,931
70	199603	1996	3	35,349	36,268	33,221	35,174
71	199604	1996	4	38,674	35,349	36,268	33,221
72	199701	1997	1	38,292	38,674	35,349	36,268
73	199702	1997	2	37,387	38,292	38,674	35,349
74	199703	1997	3	33,558	37,387	38,292	38,674
75	199704	1997	4	43,295	33,558	37,387	38,292
76	199801	1998	1	38,906	43,295	33,558	37,387
77	199802	1998	2	38,512	38,906	43,295	33,558
78	199803	1998	3	44,237	38,512	38,906	43,295
79	199804	1998	4	44,232	44,237	38,512	38,906
80	199901	1999	1	43,559	44,232	44,237	38,512
81	199902	1999	2	47,314	43,559	44,232	44,237
82	199903	1999	3	43,480	47,314	43,559	44,232
83	199904	1999	4	47,163	43,480	47,314	43,559
84	200001	2000	1	48,013	47,163	43,480	47,314
85	200002	2000	2	49,168	48,013	47,163	43,480
86	200003	2000	3	47,026	49,168	48,013	47,163
87	200004	2000	4	48,632	47,026	49,168	48,013
88	200101	2001	1	37,264	48,632	47,026	49,168
89	200102	2001	2	44,810	37,264	48,632	47,026
90	200103	2001	3	51,861	44,810	37,264	48,632
91	200104	2001	4	53,272	51,861	44,810	37,264
92	200201	2002	1	53,503	53,272	51,861	44,810
93	200202	2002	2	49,632	53,503	53,272	51,861
94	200203	2002	3	53,077	49,632	53,503	53,272
95	200204	2002	4	61,071	53,077	49,632	53,503
96	200301	2003	1	57,420	61,071	53,077	49,632
97	200302	2003	2	62,596	57,420	61,071	53,077
98	200303	2003	3	66,612	62,596	57,420	61,071
99	200304	2003	4	72,694	66,612	62,596	57,420
100	200401	2004	1	76,937	72,694	66,612	62,596
101	200402	2004	2	64,719	76,937	72,694	66,612
102	200403	2004	3	80,854	64,719	76,937	72,694

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL3	HSSFL4	HSSFL5	HSSFL6	
103	200404	2004		4	82,224	80,854	64,719	76,937
104	200501	2005		1	81,193	82,224	80,854	64,719
105	200502	2005		2	80,518	81,193	82,224	80,854
106	200503	2005		3	80,557	80,518	81,193	82,224
107	200504	2005		4	79,835	80,557	80,518	81,193
108	200601	2006		1	85,719	79,835	80,557	80,518
109	200602	2006		2	93,556	85,719	79,835	80,557
110	200603	2006		3	81,867	93,556	85,719	79,835
111	200604	2006		4	84,726	81,867	93,556	85,719
112	200701	2007		1	76,913	84,726	81,867	93,556
113	200702	2007		2	62,516	76,913	84,726	81,867
114	200703	2007		3	52,949	62,516	76,913	84,726
115	200704	2007		4	49,123	52,949	62,516	76,913
116	200801	2008		1	47,098	49,123	52,949	62,516
117	200802	2008		2	34,659	47,098	49,123	52,949
118	200803	2008		3	25,925	34,659	47,098	49,123
119	200804	2008		4	24,019	25,925	34,659	47,098
120	200901	2009		1	21,814	24,019	25,925	34,659
121	200902	2009		2	17,592	21,814	24,019	25,925
122	200903	2009		3	13,973	17,592	21,814	24,019
123	200904	2009		4	11,120	13,973	17,592	21,814
124	201001	2010		1	16,087	11,120	13,973	17,592
125	201002	2010		2	16,606	16,087	11,120	13,973
126	201003	2010		3	15,607	16,606	16,087	11,120
127	201004	2010		4	16,884	15,607	16,606	16,087
128	201101	2011		1	14,008	16,884	15,607	16,606
129	201102	2011		2	13,719	14,008	16,884	15,607
130	201103	2011		3	15,886	13,719	14,008	16,884
131	201104	2011		4	14,936	15,886	13,719	14,008
132	201201	2012		1	12,264	14,936	15,886	13,719
133	201202	2012		2	11,243	12,264	14,936	15,886
134	201203	2012		3	11,858	11,243	12,264	14,936
135	201204	2012		4	12,376	11,858	11,243	12,264
136	201301	2013		1	12,880	12,376	11,858	11,243
137	201302	2013		2	14,991	12,880	12,376	11,858
138	201303	2013		3	19,418	14,991	12,880	12,376
139	201304	2013		4	20,065	19,418	14,991	12,880
140	201401	2014		1	18,436	20,065	19,418	14,991
141	201402	2014		2	21,084	18,436	20,065	19,418
142	201403	2014		3	22,933	21,084	18,436	20,065
143	201404	2014		4	23,842	22,933	21,084	18,436
144	201501	2015		1	22,350	23,842	22,933	21,084
145	201502	2015		2	23,232	22,350	23,842	22,933
146	201503	2015		3	25,073	23,232	22,350	23,842
147	201504	2015		4	23,348	25,073	23,232	22,350
148	201601	2016		1	27,079	23,348	25,073	23,232
149	201602	2016		2	23,940	27,079	23,348	25,073
150	201603	2016		3	24,642	23,940	27,079	23,348
151	201604	2016		4	25,247	24,642	27,079	23,348
152	201701	2017		1	24,532	25,247	24,642	23,940
153	201702	2017		2	27,194	24,532	25,247	24,642

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL3	HSSFL4	HSSFL5	HSSFL6	
154	201703	2017		3	30,614	27,194	24,532	25,247
155	201704	2017		4	32,877	30,614	27,194	24,532
156	201801	2018		1	34,799	32,877	30,614	27,194
157	201802	2018		2	35,899	34,799	32,877	30,614
158	201803	2018		3	37,093	35,899	34,799	32,877
159	201804	2018		4	38,054	37,093	35,899	34,799
160	201901	2019		1	38,694	38,054	37,093	35,899
161	201902	2019		2	39,699	38,694	38,054	37,093
162	201903	2019		3	40,974	39,699	38,694	38,054
163	201904	2019		4	41,473	40,974	39,699	38,694
164	202001	2020		1	42,257	41,473	40,974	39,699
165	202002	2020		2	42,720	42,257	41,473	40,974
166	202003	2020		3	43,171	42,720	42,257	41,473
167	202004	2020		4	43,433	43,171	42,720	42,257
168	202101	2021		1	43,679	43,433	43,171	42,720
169	202102	2021		2	44,014	43,679	43,433	43,171
170	202103	2021		3	44,143	44,014	43,679	43,433
171	202104	2021		4	44,237	44,143	44,014	43,679
172	202201	2022		1	44,433	44,237	44,143	44,014
173	202202	2022		2	44,677	44,433	44,237	44,143
174	202203	2022		3	44,616	44,677	44,433	44,237
175	202204	2022		4	44,511	44,616	44,677	44,433
176	202301	2023		1	44,264	44,511	44,616	44,677
177	202302	2023		2	44,147	44,264	44,511	44,616
178	202303	2023		3	44,164	44,147	44,264	44,511
179	202304	2023		4	44,437	44,164	44,147	44,264
180	202401	2024		1	44,436	44,437	44,164	44,147
181	202402	2024		2	44,087	44,436	44,437	44,164
182	202403	2024		3	43,643	44,087	44,436	44,437
183	202404	2024		4	43,715	43,643	44,087	44,436
184	202501	2025		1	43,510	43,715	43,643	44,087
185	202502	2025		2	43,248	43,510	43,715	43,643
186	202503	2025		3	43,105	43,248	43,510	43,715
187	202504	2025		4	43,009	43,105	43,248	43,510
188	202601	2026		1	42,930	43,009	43,105	43,248
189	202602	2026		2	42,646	42,930	43,009	43,105
190	202603	2026		3	42,434	42,646	42,930	43,009
191	202604	2026		4	42,300	42,434	42,646	42,930
192	202701	2027		1	42,039	42,300	42,434	42,646
193	202702	2027		2	41,918	42,039	42,300	42,434
194	202703	2027		3	41,692	41,918	42,039	42,300
195	202704	2027		4	41,481	41,692	41,918	42,039
196	202801	2028		1	40,996	41,481	41,692	41,918
197	202802	2028		2	40,598	40,996	41,481	41,692
198	202803	2028		3	40,257	40,598	40,996	41,481
199	202804	2028		4	39,917	40,257	40,598	40,996
200	202901	2029		1	39,423	39,917	40,257	40,598
201	202902	2029		2	39,066	39,423	39,917	40,257
202	202903	2029		3	38,833	39,066	39,423	39,917
203	202904	2029		4	38,793	38,833	39,066	39,423
204	203001	2030		1	38,930	38,793	38,833	39,066

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL3	HSSFL4	HSSFL5	HSSFL6	
205	203002	2030		2	39,124	38,930	38,793	38,833
206	203003	2030		3	39,235	39,124	38,930	38,793
207	203004	2030		4	39,362	39,235	39,124	38,930
208	203101	2031		1	39,716	39,362	39,235	39,124
209	203102	2031		2	40,057	39,716	39,362	39,235
210	203103	2031		3	40,059	40,057	39,716	39,362
211	203104	2031		4	39,898	40,059	40,057	39,716
212	203201	2032		1	39,433	39,898	40,059	40,057
213	203202	2032		2	39,140	39,433	39,898	40,059
214	203203	2032		3	39,000	39,140	39,433	39,898
215	203204	2032		4	38,950	39,000	39,140	39,433
216	203301	2033		1	38,464	38,950	39,000	39,140
217	203302	2033		2	38,042	38,464	38,950	39,000
218	203303	2033		3	37,945	38,042	38,464	38,950
219	203304	2033		4	38,031	37,945	38,042	38,464
220	203401	2034		1	38,368	38,031	37,945	38,042
221	203402	2034		2	38,625	38,368	38,031	37,945
222	203403	2034		3	38,864	38,625	38,368	38,031
223	203404	2034		4	39,121	38,864	38,625	38,368
224	203501	2035		1	39,260	39,121	38,864	38,625
225	203502	2035		2	39,403	39,260	39,121	38,864
226	203503	2035		3	39,579	39,403	39,260	39,121
227	203504	2035		4	39,676	39,579	39,403	39,260
228	203601	2036		1	39,967	39,676	39,579	39,403
229	203602	2036		2	40,221	39,967	39,676	39,579
230	203603	2036		3	40,410	40,221	39,967	39,676
231	203604	2036		4	40,527	40,410	40,221	39,967
232	203701	2037		1	40,275	40,527	40,410	40,221
233	203702	2037		2	40,068	40,275	40,527	40,410
234	203703	2037		3	40,121	40,068	40,275	40,527
235	203704	2037		4	40,211	40,121	40,068	40,275
236	203801	2038		1	40,384	40,211	40,121	40,068
237	203802	2038		2	40,541	40,384	40,211	40,121
238	203803	2038		3	40,558	40,541	40,384	40,211
239	203804	2038		4	40,618	40,558	40,541	40,384
240	203901	2039		1	40,577	40,618	40,558	40,541
241	203902	2039		2	40,472	40,577	40,618	40,558
242	203903	2039		3	40,485	40,472	40,577	40,618
243	203904	2039		4	40,589	40,485	40,472	40,577
244	204001	2040		1	40,369	40,589	40,485	40,472
245	204002	2040		2	40,192	40,369	40,589	40,485
246	204003	2040		3	40,271	40,192	40,369	40,589
247	204004	2040		4	40,345	40,271	40,192	40,369
248	204101	2041		1	40,534	40,345	40,271	40,192
249	204102	2041		2	40,699	40,534	40,345	40,271
250	204103	2041		3	40,823	40,699	40,534	40,345
251	204104	2041		4	40,923	40,823	40,699	40,534

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL7	HSSFL8	SEA1	SEA2
1	197902	1979		2		1	-
2	197903	1979		3		-	1
3	197904	1979		4		-	-
4	198001	1980		1		-	-
5	198002	1980		2		1	-
6	198003	1980		3		-	1
7	198004	1980		4		-	-
8	198101	1981		1	68,483	-	-
9	198102	1981		2	64,802	68,483	1
10	198103	1981		3	54,887	64,802	-
11	198104	1981		4	45,696	54,887	-
12	198201	1982		1	32,706	45,696	-
13	198202	1982		2	41,723	32,706	1
14	198203	1982		3	46,637	41,723	-
15	198204	1982		4	39,476	46,637	-
16	198301	1983		1	41,700	39,476	-
17	198302	1983		2	23,217	41,700	1
18	198303	1983		3	21,020	23,217	-
19	198304	1983		4	22,355	21,020	-
20	198401	1984		1	22,059	22,355	-
21	198402	1984		2	23,253	22,059	1
22	198403	1984		3	30,457	23,253	-
23	198404	1984		4	41,982	30,457	-
24	198501	1985		1	55,146	41,982	-
25	198502	1985		2	56,595	55,146	1
26	198503	1985		3	62,304	56,595	-
27	198504	1985		4	72,513	62,304	-
28	198601	1986		1	62,657	72,513	-
29	198602	1986		2	52,818	62,657	1
30	198603	1986		3	56,470	52,818	-
31	198604	1986		4	68,304	56,470	-
32	198701	1987		1	59,635	68,304	-
33	198702	1987		2	58,414	59,635	1
34	198703	1987		3	62,211	58,414	-
35	198704	1987		4	69,307	62,211	-
36	198801	1988		1	76,143	69,307	-
37	198802	1988		2	70,471	76,143	1
38	198803	1988		3	85,728	70,471	-
39	198804	1988		4	93,717	85,728	-
40	198901	1989		1	73,624	93,717	-
41	198902	1989		2	72,868	73,624	1
42	198903	1989		3	70,440	72,868	-
43	198904	1989		4	90,439	70,440	-
44	199001	1990		1	82,977	90,439	-
45	199002	1990		2	89,611	82,977	1
46	199003	1990		3	96,923	89,611	-
47	199004	1990		4	90,025	96,923	-
48	199101	1991		1	92,670	90,025	-
49	199102	1991		2	89,678	92,670	1
50	199103	1991		3	89,638	89,678	-
51	199104	1991		4	80,063	89,638	-

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL7	HSSFL8	SEA1	SEA2
52	199201	1992	1	56,612	80,063	-	-
53	199202	1992	2	49,096	56,612	1	-
54	199203	1992	3	40,108	49,096	-	1
55	199204	1992	4	33,470	40,108	-	-
56	199301	1993	1	41,929	33,470	-	-
57	199302	1993	2	40,378	41,929	1	-
58	199303	1993	3	40,174	40,378	-	1
59	199304	1993	4	42,195	40,174	-	-
60	199401	1994	1	43,899	42,195	-	-
61	199402	1994	2	40,263	43,899	1	-
62	199403	1994	3	41,889	40,263	-	1
63	199404	1994	4	37,643	41,889	-	-
64	199501	1995	1	41,260	37,643	-	-
65	199502	1995	2	34,331	41,260	1	-
66	199503	1995	3	37,610	34,331	-	1
67	199504	1995	4	43,769	37,610	-	-
68	199601	1996	1	40,856	43,769	-	-
69	199602	1996	2	41,991	40,856	1	-
70	199603	1996	3	36,931	41,991	-	1
71	199604	1996	4	35,174	36,931	-	-
72	199701	1997	1	33,221	35,174	-	-
73	199702	1997	2	36,268	33,221	1	-
74	199703	1997	3	35,349	36,268	-	1
75	199704	1997	4	38,674	35,349	-	-
76	199801	1998	1	38,292	38,674	-	-
77	199802	1998	2	37,387	38,292	1	-
78	199803	1998	3	33,558	37,387	-	1
79	199804	1998	4	43,295	33,558	-	-
80	199901	1999	1	38,906	43,295	-	-
81	199902	1999	2	38,512	38,906	1	-
82	199903	1999	3	44,237	38,512	-	1
83	199904	1999	4	44,232	44,237	-	-
84	200001	2000	1	43,559	44,232	-	-
85	200002	2000	2	47,314	43,559	1	-
86	200003	2000	3	43,480	47,314	-	1
87	200004	2000	4	47,163	43,480	-	-
88	200101	2001	1	48,013	47,163	-	-
89	200102	2001	2	49,168	48,013	1	-
90	200103	2001	3	47,026	49,168	-	1
91	200104	2001	4	48,632	47,026	-	-
92	200201	2002	1	37,264	48,632	-	-
93	200202	2002	2	44,810	37,264	1	-
94	200203	2002	3	51,861	44,810	-	1
95	200204	2002	4	53,272	51,861	-	-
96	200301	2003	1	53,503	53,272	-	-
97	200302	2003	2	49,632	53,503	1	-
98	200303	2003	3	53,077	49,632	-	1
99	200304	2003	4	61,071	53,077	-	-
100	200401	2004	1	57,420	61,071	-	-
101	200402	2004	2	62,596	57,420	1	-
102	200403	2004	3	66,612	62,596	-	1

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL7	HSSFL8	SEA1	SEA2
103	200404	2004	4	72,694	66,612	-	-
104	200501	2005	1	76,937	72,694	-	-
105	200502	2005	2	64,719	76,937	1	-
106	200503	2005	3	80,854	64,719	-	1
107	200504	2005	4	82,224	80,854	-	-
108	200601	2006	1	81,193	82,224	-	-
109	200602	2006	2	80,518	81,193	1	-
110	200603	2006	3	80,557	80,518	-	1
111	200604	2006	4	79,835	80,557	-	-
112	200701	2007	1	85,719	79,835	-	-
113	200702	2007	2	93,556	85,719	1	-
114	200703	2007	3	81,867	93,556	-	1
115	200704	2007	4	84,726	81,867	-	-
116	200801	2008	1	76,913	84,726	-	-
117	200802	2008	2	62,516	76,913	1	-
118	200803	2008	3	52,949	62,516	-	1
119	200804	2008	4	49,123	52,949	-	-
120	200901	2009	1	47,098	49,123	-	-
121	200902	2009	2	34,659	47,098	1	-
122	200903	2009	3	25,925	34,659	-	1
123	200904	2009	4	24,019	25,925	-	-
124	201001	2010	1	21,814	24,019	-	-
125	201002	2010	2	17,592	21,814	1	-
126	201003	2010	3	13,973	17,592	-	1
127	201004	2010	4	11,120	13,973	-	-
128	201101	2011	1	16,087	11,120	-	-
129	201102	2011	2	16,606	16,087	1	-
130	201103	2011	3	15,607	16,606	-	1
131	201104	2011	4	16,884	15,607	-	-
132	201201	2012	1	14,008	16,884	-	-
133	201202	2012	2	13,719	14,008	1	-
134	201203	2012	3	15,886	13,719	-	1
135	201204	2012	4	14,936	15,886	-	-
136	201301	2013	1	12,264	14,936	-	-
137	201302	2013	2	11,243	12,264	1	-
138	201303	2013	3	11,858	11,243	-	1
139	201304	2013	4	12,376	11,858	-	-
140	201401	2014	1	12,880	12,376	-	-
141	201402	2014	2	14,991	12,880	1	-
142	201403	2014	3	19,418	14,991	-	1
143	201404	2014	4	20,065	19,418	-	-
144	201501	2015	1	18,436	20,065	-	-
145	201502	2015	2	21,084	18,436	1	-
146	201503	2015	3	22,933	21,084	-	1
147	201504	2015	4	23,842	22,933	-	-
148	201601	2016	1	22,350	23,842	-	-
149	201602	2016	2	23,232	22,350	1	-
150	201603	2016	3	25,073	23,232	-	1
151	201604	2016	4	23,348	25,073	-	-
152	201701	2017	1	27,079	23,348	-	-
153	201702	2017	2	23,940	27,079	1	-

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL7	HSSFL8	SEA1	SEA2
154	201703	2017	3	24,642	23,940	-	1
155	201704	2017	4	25,247	24,642	-	-
156	201801	2018	1	24,532	25,247	-	-
157	201802	2018	2	27,194	24,532	1	-
158	201803	2018	3	30,614	27,194	-	1
159	201804	2018	4	32,877	30,614	-	-
160	201901	2019	1	34,799	32,877	-	-
161	201902	2019	2	35,899	34,799	1	-
162	201903	2019	3	37,093	35,899	-	1
163	201904	2019	4	38,054	37,093	-	-
164	202001	2020	1	38,694	38,054	-	-
165	202002	2020	2	39,699	38,694	1	-
166	202003	2020	3	40,974	39,699	-	1
167	202004	2020	4	41,473	40,974	-	-
168	202101	2021	1	42,257	41,473	-	-
169	202102	2021	2	42,720	42,257	1	-
170	202103	2021	3	43,171	42,720	-	1
171	202104	2021	4	43,433	43,171	-	-
172	202201	2022	1	43,679	43,433	-	-
173	202202	2022	2	44,014	43,679	1	-
174	202203	2022	3	44,143	44,014	-	1
175	202204	2022	4	44,237	44,143	-	-
176	202301	2023	1	44,433	44,237	-	-
177	202302	2023	2	44,677	44,433	1	-
178	202303	2023	3	44,616	44,677	-	1
179	202304	2023	4	44,511	44,616	-	-
180	202401	2024	1	44,264	44,511	-	-
181	202402	2024	2	44,147	44,264	1	-
182	202403	2024	3	44,164	44,147	-	1
183	202404	2024	4	44,437	44,164	-	-
184	202501	2025	1	44,436	44,437	-	-
185	202502	2025	2	44,087	44,436	1	-
186	202503	2025	3	43,643	44,087	-	1
187	202504	2025	4	43,715	43,643	-	-
188	202601	2026	1	43,510	43,715	-	-
189	202602	2026	2	43,248	43,510	1	-
190	202603	2026	3	43,105	43,248	-	1
191	202604	2026	4	43,009	43,105	-	-
192	202701	2027	1	42,930	43,009	-	-
193	202702	2027	2	42,646	42,930	1	-
194	202703	2027	3	42,434	42,646	-	1
195	202704	2027	4	42,300	42,434	-	-
196	202801	2028	1	42,039	42,300	-	-
197	202802	2028	2	41,918	42,039	1	-
198	202803	2028	3	41,692	41,918	-	1
199	202804	2028	4	41,481	41,692	-	-
200	202901	2029	1	40,996	41,481	-	-
201	202902	2029	2	40,598	40,996	1	-
202	202903	2029	3	40,257	40,598	-	1
203	202904	2029	4	39,917	40,257	-	-
204	203001	2030	1	39,423	39,917	-	-

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	HSSFL7	HSSFL8	SEA1	SEA2	
205	203002	2030		2	39,066	39,423	1	-
206	203003	2030		3	38,833	39,066	-	1
207	203004	2030		4	38,793	38,833	-	-
208	203101	2031		1	38,930	38,793	-	-
209	203102	2031		2	39,124	38,930	1	-
210	203103	2031		3	39,235	39,124	-	1
211	203104	2031		4	39,362	39,235	-	-
212	203201	2032		1	39,716	39,362	-	-
213	203202	2032		2	40,057	39,716	1	-
214	203203	2032		3	40,059	40,057	-	1
215	203204	2032		4	39,898	40,059	-	-
216	203301	2033		1	39,433	39,898	-	-
217	203302	2033		2	39,140	39,433	1	-
218	203303	2033		3	39,000	39,140	-	1
219	203304	2033		4	38,950	39,000	-	-
220	203401	2034		1	38,464	38,950	-	-
221	203402	2034		2	38,042	38,464	1	-
222	203403	2034		3	37,945	38,042	-	1
223	203404	2034		4	38,031	37,945	-	-
224	203501	2035		1	38,368	38,031	-	-
225	203502	2035		2	38,625	38,368	1	-
226	203503	2035		3	38,864	38,625	-	1
227	203504	2035		4	39,121	38,864	-	-
228	203601	2036		1	39,260	39,121	-	-
229	203602	2036		2	39,403	39,260	1	-
230	203603	2036		3	39,579	39,403	-	1
231	203604	2036		4	39,676	39,579	-	-
232	203701	2037		1	39,967	39,676	-	-
233	203702	2037		2	40,221	39,967	1	-
234	203703	2037		3	40,410	40,221	-	1
235	203704	2037		4	40,527	40,410	-	-
236	203801	2038		1	40,275	40,527	-	-
237	203802	2038		2	40,068	40,275	1	-
238	203803	2038		3	40,121	40,068	-	1
239	203804	2038		4	40,211	40,121	-	-
240	203901	2039		1	40,384	40,211	-	-
241	203902	2039		2	40,541	40,384	1	-
242	203903	2039		3	40,558	40,541	-	1
243	203904	2039		4	40,618	40,558	-	-
244	204001	2040		1	40,577	40,618	-	-
245	204002	2040		2	40,472	40,577	1	-
246	204003	2040		3	40,485	40,472	-	1
247	204004	2040		4	40,589	40,485	-	-
248	204101	2041		1	40,369	40,589	-	-
249	204102	2041		2	40,192	40,369	1	-
250	204103	2041		3	40,271	40,192	-	1
251	204104	2041		4	40,345	40,271	-	-

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	SEA3	SEA4	Time	EMPCOM	
1	197902	1979		2	-	-	2	4,323
2	197903	1979		3	-	-	3	4,351
3	197904	1979		4	1	-	4	4,440
4	198001	1980		1	-	1	5	4,378
5	198002	1980		2	-	-	6	4,480
6	198003	1980		3	-	-	7	4,460
7	198004	1980		4	1	-	8	4,550
8	198101	1981		1	-	1	9	4,490
9	198102	1981		2	-	-	10	4,589
10	198103	1981		3	-	-	11	4,547
11	198104	1981		4	1	-	12	4,572
12	198201	1982		1	-	1	13	4,474
13	198202	1982		2	-	-	14	4,546
14	198203	1982		3	-	-	15	4,497
15	198204	1982		4	1	-	16	4,544
16	198301	1983		1	-	1	17	4,482
17	198302	1983		2	-	-	18	4,584
18	198303	1983		3	-	-	19	4,561
19	198304	1983		4	1	-	20	4,635
20	198401	1984		1	-	1	21	4,618
21	198402	1984		2	-	-	22	4,748
22	198403	1984		3	-	-	23	4,793
23	198404	1984		4	1	-	24	4,880
24	198501	1985		1	-	1	25	4,862
25	198502	1985		2	-	-	26	5,005
26	198503	1985		3	-	-	27	5,029
27	198504	1985		4	1	-	28	5,121
28	198601	1986		1	-	1	29	5,068
29	198602	1986		2	-	-	30	5,203
30	198603	1986		3	-	-	31	5,211
31	198604	1986		4	1	-	32	5,341
32	198701	1987		1	-	1	33	5,275
33	198702	1987		2	-	-	34	5,451
34	198703	1987		3	-	-	35	5,409
35	198704	1987		4	1	-	36	5,545
36	198801	1988		1	-	1	37	5,526
37	198802	1988		2	-	-	38	5,693
38	198803	1988		3	-	-	39	5,692
39	198804	1988		4	1	-	40	5,816
40	198901	1989		1	-	1	41	5,748
41	198902	1989		2	-	-	42	5,870
42	198903	1989		3	-	-	43	5,827
43	198904	1989		4	1	-	44	5,978
44	199001	1990		1	-	1	45	5,950
45	199002	1990		2	-	-	46	6,068
46	199003	1990		3	-	-	47	6,017
47	199004	1990		4	1	-	48	6,050
48	199101	1991		1	-	1	49	5,896
49	199102	1991		2	-	-	50	5,981
50	199103	1991		3	-	-	51	5,943
51	199104	1991		4	1	-	52	5,956

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	SEA3	SEA4	Time	EMPCOM
52	199201	1992		1	-	1	5,769
53	199202	1992		2	-	-	5,876
54	199203	1992		3	-	-	5,822
55	199204	1992		4	1	-	5,831
56	199301	1993		1	-	1	5,730
57	199302	1993		2	-	-	5,821
58	199303	1993		3	-	-	5,793
59	199304	1993		4	1	-	5,801
60	199401	1994		1	-	1	5,733
61	199402	1994		2	-	-	5,869
62	199403	1994		3	-	-	5,866
63	199404	1994		4	1	-	5,918
64	199501	1995		1	-	1	5,851
65	199502	1995		2	-	-	5,990
66	199503	1995		3	-	-	5,986
67	199504	1995		4	1	-	6,025
68	199601	1996		1	-	1	5,947
69	199602	1996		2	-	-	6,103
70	199603	1996		3	-	-	6,085
71	199604	1996		4	1	-	6,140
72	199701	1997		1	-	1	6,095
73	199702	1997		2	-	-	6,276
74	199703	1997		3	-	-	6,246
75	199704	1997		4	1	-	6,315
76	199801	1998		1	-	1	6,269
77	199802	1998		2	-	-	6,440
78	199803	1998		3	-	-	6,467
79	199804	1998		4	1	-	6,559
80	199901	1999		1	-	1	6,464
81	199902	1999		2	-	-	6,632
82	199903	1999		3	-	-	6,663
83	199904	1999		4	1	-	6,766
84	200001	2000		1	-	1	6,689
85	200002	2000		2	-	-	6,868
86	200003	2000		3	-	-	6,855
87	200004	2000		4	1	-	6,934
88	200101	2001		1	-	1	6,888
89	200102	2001		2	-	-	7,011
90	200103	2001		3	-	-	6,960
91	200104	2001		4	1	-	7,012
92	200201	2002		1	-	1	6,920
93	200202	2002		2	-	-	7,081
94	200203	2002		3	-	-	7,034
95	200204	2002		4	1	-	7,119
96	200301	2003		1	-	1	7,020
97	200302	2003		2	-	-	7,163
98	200303	2003		3	-	-	7,116
99	200304	2003		4	1	-	7,209
100	200401	2004		1	-	1	7,142
101	200402	2004		2	-	-	7,302
102	200403	2004		3	-	-	7,256

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	SEA3	SEA4	Time	EMPCOM	
103	200404	2004		4	1	-	104	7,374
104	200501	2005		1	-	1	105	7,292
105	200502	2005		2	-	-	106	7,481
106	200503	2005		3	-	-	107	7,470
107	200504	2005		4	1	-	108	7,611
108	200601	2006		1	-	1	109	7,547
109	200602	2006		2	-	-	110	7,688
110	200603	2006		3	-	-	111	7,659
111	200604	2006		4	1	-	112	7,760
112	200701	2007		1	-	1	113	7,655
113	200702	2007		2	-	-	114	7,771
114	200703	2007		3	-	-	115	7,727
115	200704	2007		4	1	-	116	7,811
116	200801	2008		1	-	1	117	7,640
117	200802	2008		2	-	-	118	7,751
118	200803	2008		3	-	-	119	7,627
119	200804	2008		4	1	-	120	7,620
120	200901	2009		1	-	1	121	7,336
121	200902	2009		2	-	-	122	7,330
122	200903	2009		3	-	-	123	7,144
123	200904	2009		4	1	-	124	7,212
124	201001	2010		1	-	1	125	7,083
125	201002	2010		2	-	-	126	7,244
126	201003	2010		3	-	-	127	7,132
127	201004	2010		4	1	-	128	7,261
128	201101	2011		1	-	1	129	7,156
129	201102	2011		2	-	-	130	7,260
130	201103	2011		3	-	-	131	7,209
131	201104	2011		4	1	-	132	7,335
132	201201	2012		1	-	1	133	7,269
133	201202	2012		2	-	-	134	7,447
134	201203	2012		3	-	-	135	7,411
135	201204	2012		4	1	-	136	7,567
136	201301	2013		1	-	1	137	7,486
137	201302	2013		2	-	-	138	7,640
138	201303	2013		3	-	-	139	7,601
139	201304	2013		4	1	-	140	7,777
140	201401	2014		1	-	1	141	7,696
141	201402	2014		2	-	-	142	7,825
142	201403	2014		3	-	-	143	7,791
143	201404	2014		4	1	-	144	7,975
144	201501	2015		1	-	1	145	7,903
145	201502	2015		2	-	-	146	8,032
146	201503	2015		3	-	-	147	8,038
147	201504	2015		4	1	-	148	8,203
148	201601	2016		1	-	1	149	8,135
149	201602	2016		2	-	-	150	8,282
150	201603	2016		3	-	-	151	8,228
151	201604	2016		4	1	-	152	8,367
152	201701	2017		1	-	1	153	8,301
153	201702	2017		2	-	-	154	8,414

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	SEA3	SEA4	Time	EMPCOM	
154	201703	2017		3	-	-	155	8,347
155	201704	2017		4	1	-	156	8,476
156	201801	2018		1	-	1	157	8,409
157	201802	2018		2	-	-	158	8,523
158	201803	2018		3	-	-	159	8,451
159	201804	2018		4	1	-	160	8,577
160	201901	2019		1	-	1	161	8,505
161	201902	2019		2	-	-	162	8,619
162	201903	2019		3	-	-	163	8,539
163	201904	2019		4	1	-	164	8,659
164	202001	2020		1	-	1	165	8,576
165	202002	2020		2	-	-	166	8,694
166	202003	2020		3	-	-	167	8,599
167	202004	2020		4	1	-	168	8,713
168	202101	2021		1	-	1	169	8,628
169	202102	2021		2	-	-	170	8,733
170	202103	2021		3	-	-	171	8,646
171	202104	2021		4	1	-	172	8,767
172	202201	2022		1	-	1	173	8,689
173	202202	2022		2	-	-	174	8,799
174	202203	2022		3	-	-	175	8,717
175	202204	2022		4	1	-	176	8,842
176	202301	2023		1	-	1	177	8,766
177	202302	2023		2	-	-	178	8,879
178	202303	2023		3	-	-	179	8,796
179	202304	2023		4	1	-	180	8,921
180	202401	2024		1	-	1	181	8,844
181	202402	2024		2	-	-	182	8,957
182	202403	2024		3	-	-	183	8,874
183	202404	2024		4	1	-	184	8,998
184	202501	2025		1	-	1	185	8,918
185	202502	2025		2	-	-	186	9,030
186	202503	2025		3	-	-	187	8,944
187	202504	2025		4	1	-	188	9,068
188	202601	2026		1	-	1	189	8,984
189	202602	2026		2	-	-	190	9,095
190	202603	2026		3	-	-	191	9,008
191	202604	2026		4	1	-	192	9,133
192	202701	2027		1	-	1	193	9,050
193	202702	2027		2	-	-	194	9,162
194	202703	2027		3	-	-	195	9,075
195	202704	2027		4	1	-	196	9,200
196	202801	2028		1	-	1	197	9,117
197	202802	2028		2	-	-	198	9,231
198	202803	2028		3	-	-	199	9,143
199	202804	2028		4	1	-	200	9,271
200	202901	2029		1	-	1	201	9,186
201	202902	2029		2	-	-	202	9,299
202	202903	2029		3	-	-	203	9,210
203	202904	2029		4	1	-	204	9,338
204	203001	2030		1	-	1	205	9,254

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	SEA3	SEA4	Time	EMPCOM
205	203002	2030		2	-	206	9,383
206	203003	2030		3	-	207	9,283
207	203004	2030		4	1	208	9,408
208	203101	2031		1	-	209	9,325
209	203102	2031		2	-	210	9,443
210	203103	2031		3	-	211	9,352
211	203104	2031		4	1	212	9,483
212	203201	2032		1	-	213	9,399
213	203202	2032		2	-	214	9,512
214	203203	2032		3	-	215	9,418
215	203204	2032		4	1	216	9,548
216	203301	2033		1	-	217	9,460
217	203302	2033		2	-	218	9,575
218	203303	2033		3	-	219	9,481
219	203304	2033		4	1	220	9,616
220	203401	2034		1	-	221	9,529
221	203402	2034		2	-	222	9,645
222	203403	2034		3	-	223	9,550
223	203404	2034		4	1	224	9,685
224	203501	2035		1	-	225	9,599
225	203502	2035		2	-	226	9,716
226	203503	2035		3	-	227	9,620
227	203504	2035		4	1	228	9,757
228	203601	2036		1	-	229	9,670
229	203602	2036		2	-	230	9,787
230	203603	2036		3	-	231	9,689
231	203604	2036		4	1	232	9,826
232	203701	2037		1	-	233	9,736
233	203702	2037		2	-	234	9,853
234	203703	2037		3	-	235	9,754
235	203704	2037		4	1	236	9,892
236	203801	2038		1	-	237	9,801
237	203802	2038		2	-	238	9,918
238	203803	2038		3	-	239	9,817
239	203804	2038		4	1	240	9,957
240	203901	2039		1	-	241	9,866
241	203902	2039		2	-	242	9,984
242	203903	2039		3	-	243	9,882
243	203904	2039		4	1	244	10,023
244	204001	2040		1	-	245	9,932
245	204002	2040		2	-	246	10,067
246	204003	2040		3	-	247	9,955
247	204004	2040		4	1	248	10,095
248	204101	2041		1	-	249	10,005
249	204102	2041		2	-	250	10,125
250	204103	2041		3	-	251	10,022
251	204104	2041		4	1	252	10,167

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EmcomL1	EmcomL2	EmcomL3	EmcomL4
	1	197902	1979	2			
	2	197903	1979	3	4,323		
	3	197904	1979	4	4,351	4,323	
	4	198001	1980	1	4,440	4,351	4,323
	5	198002	1980	2	4,378	4,440	4,351
	6	198003	1980	3	4,480	4,378	4,440
	7	198004	1980	4	4,460	4,480	4,378
	8	198101	1981	1	4,550	4,460	4,480
	9	198102	1981	2	4,490	4,550	4,460
	10	198103	1981	3	4,589	4,490	4,550
	11	198104	1981	4	4,547	4,589	4,490
	12	198201	1982	1	4,572	4,547	4,589
	13	198202	1982	2	4,474	4,572	4,547
	14	198203	1982	3	4,546	4,474	4,572
	15	198204	1982	4	4,497	4,546	4,474
	16	198301	1983	1	4,544	4,497	4,546
	17	198302	1983	2	4,482	4,544	4,497
	18	198303	1983	3	4,584	4,482	4,544
	19	198304	1983	4	4,561	4,584	4,482
	20	198401	1984	1	4,635	4,561	4,584
	21	198402	1984	2	4,618	4,635	4,561
	22	198403	1984	3	4,748	4,618	4,635
	23	198404	1984	4	4,793	4,748	4,618
	24	198501	1985	1	4,880	4,793	4,748
	25	198502	1985	2	4,862	4,880	4,793
	26	198503	1985	3	5,005	4,862	4,880
	27	198504	1985	4	5,029	5,005	4,862
	28	198601	1986	1	5,121	5,029	5,005
	29	198602	1986	2	5,068	5,121	5,029
	30	198603	1986	3	5,203	5,068	5,121
	31	198604	1986	4	5,211	5,203	5,068
	32	198701	1987	1	5,341	5,211	5,203
	33	198702	1987	2	5,275	5,341	5,211
	34	198703	1987	3	5,451	5,275	5,341
	35	198704	1987	4	5,409	5,451	5,275
	36	198801	1988	1	5,545	5,409	5,451
	37	198802	1988	2	5,526	5,545	5,409
	38	198803	1988	3	5,693	5,526	5,545
	39	198804	1988	4	5,692	5,693	5,526
	40	198901	1989	1	5,816	5,692	5,693
	41	198902	1989	2	5,748	5,816	5,692
	42	198903	1989	3	5,870	5,748	5,816
	43	198904	1989	4	5,827	5,870	5,748
	44	199001	1990	1	5,978	5,827	5,870
	45	199002	1990	2	5,950	5,978	5,827
	46	199003	1990	3	6,068	5,950	5,978
	47	199004	1990	4	6,017	6,068	5,950
	48	199101	1991	1	6,050	6,017	6,068
	49	199102	1991	2	5,896	6,050	6,017
	50	199103	1991	3	5,981	5,896	6,050
	51	199104	1991	4	5,943	5,981	5,896

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER		EmcomL1	EmcomL2	EmcomL3	EmcomL4
52	199201	1992		1	5,956	5,943	5,981	5,896
53	199202	1992		2	5,769	5,956	5,943	5,981
54	199203	1992		3	5,876	5,769	5,956	5,943
55	199204	1992		4	5,822	5,876	5,769	5,956
56	199301	1993		1	5,831	5,822	5,876	5,769
57	199302	1993		2	5,730	5,831	5,822	5,876
58	199303	1993		3	5,821	5,730	5,831	5,822
59	199304	1993		4	5,793	5,821	5,730	5,831
60	199401	1994		1	5,801	5,793	5,821	5,730
61	199402	1994		2	5,733	5,801	5,793	5,821
62	199403	1994		3	5,869	5,733	5,801	5,793
63	199404	1994		4	5,866	5,869	5,733	5,801
64	199501	1995		1	5,918	5,866	5,869	5,733
65	199502	1995		2	5,851	5,918	5,866	5,869
66	199503	1995		3	5,990	5,851	5,918	5,866
67	199504	1995		4	5,986	5,990	5,851	5,918
68	199601	1996		1	6,025	5,986	5,990	5,851
69	199602	1996		2	5,947	6,025	5,986	5,990
70	199603	1996		3	6,103	5,947	6,025	5,986
71	199604	1996		4	6,085	6,103	5,947	6,025
72	199701	1997		1	6,140	6,085	6,103	5,947
73	199702	1997		2	6,095	6,140	6,085	6,103
74	199703	1997		3	6,276	6,095	6,140	6,085
75	199704	1997		4	6,246	6,276	6,095	6,140
76	199801	1998		1	6,315	6,246	6,276	6,095
77	199802	1998		2	6,269	6,315	6,246	6,276
78	199803	1998		3	6,440	6,269	6,315	6,246
79	199804	1998		4	6,467	6,440	6,269	6,315
80	199901	1999		1	6,559	6,467	6,440	6,269
81	199902	1999		2	6,464	6,559	6,467	6,440
82	199903	1999		3	6,632	6,464	6,559	6,467
83	199904	1999		4	6,663	6,632	6,464	6,559
84	200001	2000		1	6,766	6,663	6,632	6,464
85	200002	2000		2	6,689	6,766	6,663	6,632
86	200003	2000		3	6,868	6,689	6,766	6,663
87	200004	2000		4	6,855	6,868	6,689	6,766
88	200101	2001		1	6,934	6,855	6,868	6,689
89	200102	2001		2	6,888	6,934	6,855	6,868
90	200103	2001		3	7,011	6,888	6,934	6,855
91	200104	2001		4	6,960	7,011	6,888	6,934
92	200201	2002		1	7,012	6,960	7,011	6,888
93	200202	2002		2	6,920	7,012	6,960	7,011
94	200203	2002		3	7,081	6,920	7,012	6,960
95	200204	2002		4	7,034	7,081	6,920	7,012
96	200301	2003		1	7,119	7,034	7,081	6,920
97	200302	2003		2	7,020	7,119	7,034	7,081
98	200303	2003		3	7,163	7,020	7,119	7,034
99	200304	2003		4	7,116	7,163	7,020	7,119
100	200401	2004		1	7,209	7,116	7,163	7,020
101	200402	2004		2	7,142	7,209	7,116	7,163
102	200403	2004		3	7,302	7,142	7,209	7,116

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER		EmcomL1	EmcomL2	EmcomL3	EmcomL4
103	200404	2004		4	7,256	7,302	7,142	7,209
104	200501	2005		1	7,374	7,256	7,302	7,142
105	200502	2005		2	7,292	7,374	7,256	7,302
106	200503	2005		3	7,481	7,292	7,374	7,256
107	200504	2005		4	7,470	7,481	7,292	7,374
108	200601	2006		1	7,611	7,470	7,481	7,292
109	200602	2006		2	7,547	7,611	7,470	7,481
110	200603	2006		3	7,688	7,547	7,611	7,470
111	200604	2006		4	7,659	7,688	7,547	7,611
112	200701	2007		1	7,760	7,659	7,688	7,547
113	200702	2007		2	7,655	7,760	7,659	7,688
114	200703	2007		3	7,771	7,655	7,760	7,659
115	200704	2007		4	7,727	7,771	7,655	7,760
116	200801	2008		1	7,811	7,727	7,771	7,655
117	200802	2008		2	7,640	7,811	7,727	7,771
118	200803	2008		3	7,751	7,640	7,811	7,727
119	200804	2008		4	7,627	7,751	7,640	7,811
120	200901	2009		1	7,620	7,627	7,751	7,640
121	200902	2009		2	7,336	7,620	7,627	7,751
122	200903	2009		3	7,330	7,336	7,620	7,627
123	200904	2009		4	7,144	7,330	7,336	7,620
124	201001	2010		1	7,212	7,144	7,330	7,336
125	201002	2010		2	7,083	7,212	7,144	7,330
126	201003	2010		3	7,244	7,083	7,212	7,144
127	201004	2010		4	7,132	7,244	7,083	7,212
128	201101	2011		1	7,261	7,132	7,244	7,083
129	201102	2011		2	7,156	7,261	7,132	7,244
130	201103	2011		3	7,260	7,156	7,261	7,132
131	201104	2011		4	7,209	7,260	7,156	7,261
132	201201	2012		1	7,335	7,209	7,260	7,156
133	201202	2012		2	7,269	7,335	7,209	7,260
134	201203	2012		3	7,447	7,269	7,335	7,209
135	201204	2012		4	7,411	7,447	7,269	7,335
136	201301	2013		1	7,567	7,411	7,447	7,269
137	201302	2013		2	7,486	7,567	7,411	7,447
138	201303	2013		3	7,640	7,486	7,567	7,411
139	201304	2013		4	7,601	7,640	7,486	7,567
140	201401	2014		1	7,777	7,601	7,640	7,486
141	201402	2014		2	7,696	7,777	7,601	7,640
142	201403	2014		3	7,825	7,696	7,777	7,601
143	201404	2014		4	7,791	7,825	7,696	7,777
144	201501	2015		1	7,975	7,791	7,825	7,696
145	201502	2015		2	7,903	7,975	7,791	7,825
146	201503	2015		3	8,032	7,903	7,975	7,791
147	201504	2015		4	8,038	8,032	7,903	7,975
148	201601	2016		1	8,203	8,038	8,032	7,903
149	201602	2016		2	8,135	8,203	8,038	8,032
150	201603	2016		3	8,282	8,135	8,203	8,038
151	201604	2016		4	8,228	8,282	8,135	8,203
152	201701	2017		1	8,367	8,228	8,282	8,135
153	201702	2017		2	8,301	8,367	8,228	8,282

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER		EmcomL1	EmcomL2	EmcomL3	EmcomL4
154	201703	2017		3	8,414	8,301	8,367	8,228
155	201704	2017		4	8,347	8,414	8,301	8,367
156	201801	2018		1	8,476	8,347	8,414	8,301
157	201802	2018		2	8,409	8,476	8,347	8,414
158	201803	2018		3	8,523	8,409	8,476	8,347
159	201804	2018		4	8,451	8,523	8,409	8,476
160	201901	2019		1	8,577	8,451	8,523	8,409
161	201902	2019		2	8,505	8,577	8,451	8,523
162	201903	2019		3	8,619	8,505	8,577	8,451
163	201904	2019		4	8,539	8,619	8,505	8,577
164	202001	2020		1	8,659	8,539	8,619	8,505
165	202002	2020		2	8,576	8,659	8,539	8,619
166	202003	2020		3	8,694	8,576	8,659	8,539
167	202004	2020		4	8,599	8,694	8,576	8,659
168	202101	2021		1	8,713	8,599	8,694	8,576
169	202102	2021		2	8,628	8,713	8,599	8,694
170	202103	2021		3	8,733	8,628	8,713	8,599
171	202104	2021		4	8,646	8,733	8,628	8,713
172	202201	2022		1	8,767	8,646	8,733	8,628
173	202202	2022		2	8,689	8,767	8,646	8,733
174	202203	2022		3	8,799	8,689	8,767	8,646
175	202204	2022		4	8,717	8,799	8,689	8,767
176	202301	2023		1	8,842	8,717	8,799	8,689
177	202302	2023		2	8,766	8,842	8,717	8,799
178	202303	2023		3	8,879	8,766	8,842	8,717
179	202304	2023		4	8,796	8,879	8,766	8,842
180	202401	2024		1	8,921	8,796	8,879	8,766
181	202402	2024		2	8,844	8,921	8,796	8,879
182	202403	2024		3	8,957	8,844	8,921	8,796
183	202404	2024		4	8,874	8,957	8,844	8,921
184	202501	2025		1	8,998	8,874	8,957	8,844
185	202502	2025		2	8,918	8,998	8,874	8,957
186	202503	2025		3	9,030	8,918	8,998	8,874
187	202504	2025		4	8,944	9,030	8,918	8,998
188	202601	2026		1	9,068	8,944	9,030	8,918
189	202602	2026		2	8,984	9,068	8,944	9,030
190	202603	2026		3	9,095	8,984	9,068	8,944
191	202604	2026		4	9,008	9,095	8,984	9,068
192	202701	2027		1	9,133	9,008	9,095	8,984
193	202702	2027		2	9,050	9,133	9,008	9,095
194	202703	2027		3	9,162	9,050	9,133	9,008
195	202704	2027		4	9,075	9,162	9,050	9,133
196	202801	2028		1	9,200	9,075	9,162	9,050
197	202802	2028		2	9,117	9,200	9,075	9,162
198	202803	2028		3	9,231	9,117	9,200	9,075
199	202804	2028		4	9,143	9,231	9,117	9,200
200	202901	2029		1	9,271	9,143	9,231	9,117
201	202902	2029		2	9,186	9,271	9,143	9,231
202	202903	2029		3	9,299	9,186	9,271	9,143
203	202904	2029		4	9,210	9,299	9,186	9,271
204	203001	2030		1	9,338	9,210	9,299	9,186

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER		EmcomL1	EmcomL2	EmcomL3	EmcomL4
205	203002	2030		2	9,254	9,338	9,210	9,299
206	203003	2030		3	9,383	9,254	9,338	9,210
207	203004	2030		4	9,283	9,383	9,254	9,338
208	203101	2031		1	9,408	9,283	9,383	9,254
209	203102	2031		2	9,325	9,408	9,283	9,383
210	203103	2031		3	9,443	9,325	9,408	9,283
211	203104	2031		4	9,352	9,443	9,325	9,408
212	203201	2032		1	9,483	9,352	9,443	9,325
213	203202	2032		2	9,399	9,483	9,352	9,443
214	203203	2032		3	9,512	9,399	9,483	9,352
215	203204	2032		4	9,418	9,512	9,399	9,483
216	203301	2033		1	9,548	9,418	9,512	9,399
217	203302	2033		2	9,460	9,548	9,418	9,512
218	203303	2033		3	9,575	9,460	9,548	9,418
219	203304	2033		4	9,481	9,575	9,460	9,548
220	203401	2034		1	9,616	9,481	9,575	9,460
221	203402	2034		2	9,529	9,616	9,481	9,575
222	203403	2034		3	9,645	9,529	9,616	9,481
223	203404	2034		4	9,550	9,645	9,529	9,616
224	203501	2035		1	9,685	9,550	9,645	9,529
225	203502	2035		2	9,599	9,685	9,550	9,645
226	203503	2035		3	9,716	9,599	9,685	9,550
227	203504	2035		4	9,620	9,716	9,599	9,685
228	203601	2036		1	9,757	9,620	9,716	9,599
229	203602	2036		2	9,670	9,757	9,620	9,716
230	203603	2036		3	9,787	9,670	9,757	9,620
231	203604	2036		4	9,689	9,787	9,670	9,757
232	203701	2037		1	9,826	9,689	9,787	9,670
233	203702	2037		2	9,736	9,826	9,689	9,787
234	203703	2037		3	9,853	9,736	9,826	9,689
235	203704	2037		4	9,754	9,853	9,736	9,826
236	203801	2038		1	9,892	9,754	9,853	9,736
237	203802	2038		2	9,801	9,892	9,754	9,853
238	203803	2038		3	9,918	9,801	9,892	9,754
239	203804	2038		4	9,817	9,918	9,801	9,892
240	203901	2039		1	9,957	9,817	9,918	9,801
241	203902	2039		2	9,866	9,957	9,817	9,918
242	203903	2039		3	9,984	9,866	9,957	9,817
243	203904	2039		4	9,882	9,984	9,866	9,957
244	204001	2040		1	10,023	9,882	9,984	9,866
245	204002	2040		2	9,932	10,023	9,882	9,984
246	204003	2040		3	10,067	9,932	10,023	9,882
247	204004	2040		4	9,955	10,067	9,932	10,023
248	204101	2041		1	10,095	9,955	10,067	9,932
249	204102	2041		2	10,005	10,095	9,955	10,067
250	204103	2041		3	10,125	10,005	10,095	9,955
251	204104	2041		4	10,022	10,125	10,005	10,095

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EmcomL5	EmcomL6	EmcomL7	EmcomL8
	1	197902	1979	2			
	2	197903	1979	3			
	3	197904	1979	4			
	4	198001	1980	1			
	5	198002	1980	2			
	6	198003	1980	3	4,323		
	7	198004	1980	4	4,351	4,323	
	8	198101	1981	1	4,440	4,351	4,323
	9	198102	1981	2	4,378	4,440	4,351
	10	198103	1981	3	4,480	4,378	4,440
	11	198104	1981	4	4,460	4,480	4,378
	12	198201	1982	1	4,550	4,460	4,480
	13	198202	1982	2	4,490	4,550	4,460
	14	198203	1982	3	4,589	4,490	4,550
	15	198204	1982	4	4,547	4,589	4,490
	16	198301	1983	1	4,572	4,547	4,589
	17	198302	1983	2	4,474	4,572	4,547
	18	198303	1983	3	4,546	4,474	4,572
	19	198304	1983	4	4,497	4,546	4,474
	20	198401	1984	1	4,544	4,497	4,546
	21	198402	1984	2	4,482	4,544	4,497
	22	198403	1984	3	4,584	4,482	4,544
	23	198404	1984	4	4,561	4,584	4,482
	24	198501	1985	1	4,635	4,561	4,584
	25	198502	1985	2	4,618	4,635	4,561
	26	198503	1985	3	4,748	4,618	4,635
	27	198504	1985	4	4,793	4,748	4,618
	28	198601	1986	1	4,880	4,793	4,748
	29	198602	1986	2	4,862	4,880	4,793
	30	198603	1986	3	5,005	4,862	4,880
	31	198604	1986	4	5,029	5,005	4,862
	32	198701	1987	1	5,121	5,029	5,005
	33	198702	1987	2	5,068	5,121	5,029
	34	198703	1987	3	5,203	5,068	5,121
	35	198704	1987	4	5,211	5,203	5,068
	36	198801	1988	1	5,341	5,211	5,203
	37	198802	1988	2	5,275	5,341	5,211
	38	198803	1988	3	5,451	5,275	5,341
	39	198804	1988	4	5,409	5,451	5,275
	40	198901	1989	1	5,545	5,409	5,451
	41	198902	1989	2	5,526	5,545	5,409
	42	198903	1989	3	5,693	5,526	5,545
	43	198904	1989	4	5,692	5,693	5,526
	44	199001	1990	1	5,816	5,692	5,693
	45	199002	1990	2	5,748	5,816	5,692
	46	199003	1990	3	5,870	5,748	5,816
	47	199004	1990	4	5,827	5,870	5,748
	48	199101	1991	1	5,978	5,827	5,870
	49	199102	1991	2	5,950	5,978	5,827
	50	199103	1991	3	6,068	5,950	5,978
	51	199104	1991	4	6,017	6,068	5,950

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EmcomL5	EmcomL6	EmcomL7	EmcomL8
52	199201	1992	1	6,050	6,017	6,068	5,950
53	199202	1992	2	5,896	6,050	6,017	6,068
54	199203	1992	3	5,981	5,896	6,050	6,017
55	199204	1992	4	5,943	5,981	5,896	6,050
56	199301	1993	1	5,956	5,943	5,981	5,896
57	199302	1993	2	5,769	5,956	5,943	5,981
58	199303	1993	3	5,876	5,769	5,956	5,943
59	199304	1993	4	5,822	5,876	5,769	5,956
60	199401	1994	1	5,831	5,822	5,876	5,769
61	199402	1994	2	5,730	5,831	5,822	5,876
62	199403	1994	3	5,821	5,730	5,831	5,822
63	199404	1994	4	5,793	5,821	5,730	5,831
64	199501	1995	1	5,801	5,793	5,821	5,730
65	199502	1995	2	5,733	5,801	5,793	5,821
66	199503	1995	3	5,869	5,733	5,801	5,793
67	199504	1995	4	5,866	5,869	5,733	5,801
68	199601	1996	1	5,918	5,866	5,869	5,733
69	199602	1996	2	5,851	5,918	5,866	5,869
70	199603	1996	3	5,990	5,851	5,918	5,866
71	199604	1996	4	5,986	5,990	5,851	5,918
72	199701	1997	1	6,025	5,986	5,990	5,851
73	199702	1997	2	5,947	6,025	5,986	5,990
74	199703	1997	3	6,103	5,947	6,025	5,986
75	199704	1997	4	6,085	6,103	5,947	6,025
76	199801	1998	1	6,140	6,085	6,103	5,947
77	199802	1998	2	6,095	6,140	6,085	6,103
78	199803	1998	3	6,276	6,095	6,140	6,085
79	199804	1998	4	6,246	6,276	6,095	6,140
80	199901	1999	1	6,315	6,246	6,276	6,095
81	199902	1999	2	6,269	6,315	6,246	6,276
82	199903	1999	3	6,440	6,269	6,315	6,246
83	199904	1999	4	6,467	6,440	6,269	6,315
84	200001	2000	1	6,559	6,467	6,440	6,269
85	200002	2000	2	6,464	6,559	6,467	6,440
86	200003	2000	3	6,632	6,464	6,559	6,467
87	200004	2000	4	6,663	6,632	6,464	6,559
88	200101	2001	1	6,766	6,663	6,632	6,464
89	200102	2001	2	6,689	6,766	6,663	6,632
90	200103	2001	3	6,868	6,689	6,766	6,663
91	200104	2001	4	6,855	6,868	6,689	6,766
92	200201	2002	1	6,934	6,855	6,868	6,689
93	200202	2002	2	6,888	6,934	6,855	6,868
94	200203	2002	3	7,011	6,888	6,934	6,855
95	200204	2002	4	6,960	7,011	6,888	6,934
96	200301	2003	1	7,012	6,960	7,011	6,888
97	200302	2003	2	6,920	7,012	6,960	7,011
98	200303	2003	3	7,081	6,920	7,012	6,960
99	200304	2003	4	7,034	7,081	6,920	7,012
100	200401	2004	1	7,119	7,034	7,081	6,920
101	200402	2004	2	7,020	7,119	7,034	7,081
102	200403	2004	3	7,163	7,020	7,119	7,034

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER		EmcomL5	EmcomL6	EmcomL7	EmcomL8
103	200404	2004		4	7,116	7,163	7,020	7,119
104	200501	2005		1	7,209	7,116	7,163	7,020
105	200502	2005		2	7,142	7,209	7,116	7,163
106	200503	2005		3	7,302	7,142	7,209	7,116
107	200504	2005		4	7,256	7,302	7,142	7,209
108	200601	2006		1	7,374	7,256	7,302	7,142
109	200602	2006		2	7,292	7,374	7,256	7,302
110	200603	2006		3	7,481	7,292	7,374	7,256
111	200604	2006		4	7,470	7,481	7,292	7,374
112	200701	2007		1	7,611	7,470	7,481	7,292
113	200702	2007		2	7,547	7,611	7,470	7,481
114	200703	2007		3	7,688	7,547	7,611	7,470
115	200704	2007		4	7,659	7,688	7,547	7,611
116	200801	2008		1	7,760	7,659	7,688	7,547
117	200802	2008		2	7,655	7,760	7,659	7,688
118	200803	2008		3	7,771	7,655	7,760	7,659
119	200804	2008		4	7,727	7,771	7,655	7,760
120	200901	2009		1	7,811	7,727	7,771	7,655
121	200902	2009		2	7,640	7,811	7,727	7,771
122	200903	2009		3	7,751	7,640	7,811	7,727
123	200904	2009		4	7,627	7,751	7,640	7,811
124	201001	2010		1	7,620	7,627	7,751	7,640
125	201002	2010		2	7,336	7,620	7,627	7,751
126	201003	2010		3	7,330	7,336	7,620	7,627
127	201004	2010		4	7,144	7,330	7,336	7,620
128	201101	2011		1	7,212	7,144	7,330	7,336
129	201102	2011		2	7,083	7,212	7,144	7,330
130	201103	2011		3	7,244	7,083	7,212	7,144
131	201104	2011		4	7,132	7,244	7,083	7,212
132	201201	2012		1	7,261	7,132	7,244	7,083
133	201202	2012		2	7,156	7,261	7,132	7,244
134	201203	2012		3	7,260	7,156	7,261	7,132
135	201204	2012		4	7,209	7,260	7,156	7,261
136	201301	2013		1	7,335	7,209	7,260	7,156
137	201302	2013		2	7,269	7,335	7,209	7,260
138	201303	2013		3	7,447	7,269	7,335	7,209
139	201304	2013		4	7,411	7,447	7,269	7,335
140	201401	2014		1	7,567	7,411	7,447	7,269
141	201402	2014		2	7,486	7,567	7,411	7,447
142	201403	2014		3	7,640	7,486	7,567	7,411
143	201404	2014		4	7,601	7,640	7,486	7,567
144	201501	2015		1	7,777	7,601	7,640	7,486
145	201502	2015		2	7,696	7,777	7,601	7,640
146	201503	2015		3	7,825	7,696	7,777	7,601
147	201504	2015		4	7,791	7,825	7,696	7,777
148	201601	2016		1	7,975	7,791	7,825	7,696
149	201602	2016		2	7,903	7,975	7,791	7,825
150	201603	2016		3	8,032	7,903	7,975	7,791
151	201604	2016		4	8,038	8,032	7,903	7,975
152	201701	2017		1	8,203	8,038	8,032	7,903
153	201702	2017		2	8,135	8,203	8,038	8,032

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER		EmcomL5	EmcomL6	EmcomL7	EmcomL8
154	201703	2017		3	8,282	8,135	8,203	8,038
155	201704	2017		4	8,228	8,282	8,135	8,203
156	201801	2018		1	8,367	8,228	8,282	8,135
157	201802	2018		2	8,301	8,367	8,228	8,282
158	201803	2018		3	8,414	8,301	8,367	8,228
159	201804	2018		4	8,347	8,414	8,301	8,367
160	201901	2019		1	8,476	8,347	8,414	8,301
161	201902	2019		2	8,409	8,476	8,347	8,414
162	201903	2019		3	8,523	8,409	8,476	8,347
163	201904	2019		4	8,451	8,523	8,409	8,476
164	202001	2020		1	8,577	8,451	8,523	8,409
165	202002	2020		2	8,505	8,577	8,451	8,523
166	202003	2020		3	8,619	8,505	8,577	8,451
167	202004	2020		4	8,539	8,619	8,505	8,577
168	202101	2021		1	8,659	8,539	8,619	8,505
169	202102	2021		2	8,576	8,659	8,539	8,619
170	202103	2021		3	8,694	8,576	8,659	8,539
171	202104	2021		4	8,599	8,694	8,576	8,659
172	202201	2022		1	8,713	8,599	8,694	8,576
173	202202	2022		2	8,628	8,713	8,599	8,694
174	202203	2022		3	8,733	8,628	8,713	8,599
175	202204	2022		4	8,646	8,733	8,628	8,713
176	202301	2023		1	8,767	8,646	8,733	8,628
177	202302	2023		2	8,689	8,767	8,646	8,733
178	202303	2023		3	8,799	8,689	8,767	8,646
179	202304	2023		4	8,717	8,799	8,689	8,767
180	202401	2024		1	8,842	8,717	8,799	8,689
181	202402	2024		2	8,766	8,842	8,717	8,799
182	202403	2024		3	8,879	8,766	8,842	8,717
183	202404	2024		4	8,796	8,879	8,766	8,842
184	202501	2025		1	8,921	8,796	8,879	8,766
185	202502	2025		2	8,844	8,921	8,796	8,879
186	202503	2025		3	8,957	8,844	8,921	8,796
187	202504	2025		4	8,874	8,957	8,844	8,921
188	202601	2026		1	8,998	8,874	8,957	8,844
189	202602	2026		2	8,918	8,998	8,874	8,957
190	202603	2026		3	9,030	8,918	8,998	8,874
191	202604	2026		4	8,944	9,030	8,918	8,998
192	202701	2027		1	9,068	8,944	9,030	8,918
193	202702	2027		2	8,984	9,068	8,944	9,030
194	202703	2027		3	9,095	8,984	9,068	8,944
195	202704	2027		4	9,008	9,095	8,984	9,068
196	202801	2028		1	9,133	9,008	9,095	8,984
197	202802	2028		2	9,050	9,133	9,008	9,095
198	202803	2028		3	9,162	9,050	9,133	9,008
199	202804	2028		4	9,075	9,162	9,050	9,133
200	202901	2029		1	9,200	9,075	9,162	9,050
201	202902	2029		2	9,117	9,200	9,075	9,162
202	202903	2029		3	9,231	9,117	9,200	9,075
203	202904	2029		4	9,143	9,231	9,117	9,200
204	203001	2030		1	9,271	9,143	9,231	9,117

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER		EmcomL5	EmcomL6	EmcomL7	EmcomL8
205	203002	2030		2	9,186	9,271	9,143	9,231
206	203003	2030		3	9,299	9,186	9,271	9,143
207	203004	2030		4	9,210	9,299	9,186	9,271
208	203101	2031		1	9,338	9,210	9,299	9,186
209	203102	2031		2	9,254	9,338	9,210	9,299
210	203103	2031		3	9,383	9,254	9,338	9,210
211	203104	2031		4	9,283	9,383	9,254	9,338
212	203201	2032		1	9,408	9,283	9,383	9,254
213	203202	2032		2	9,325	9,408	9,283	9,383
214	203203	2032		3	9,443	9,325	9,408	9,283
215	203204	2032		4	9,352	9,443	9,325	9,408
216	203301	2033		1	9,483	9,352	9,443	9,325
217	203302	2033		2	9,399	9,483	9,352	9,443
218	203303	2033		3	9,512	9,399	9,483	9,352
219	203304	2033		4	9,418	9,512	9,399	9,483
220	203401	2034		1	9,548	9,418	9,512	9,399
221	203402	2034		2	9,460	9,548	9,418	9,512
222	203403	2034		3	9,575	9,460	9,548	9,418
223	203404	2034		4	9,481	9,575	9,460	9,548
224	203501	2035		1	9,616	9,481	9,575	9,460
225	203502	2035		2	9,529	9,616	9,481	9,575
226	203503	2035		3	9,645	9,529	9,616	9,481
227	203504	2035		4	9,550	9,645	9,529	9,616
228	203601	2036		1	9,685	9,550	9,645	9,529
229	203602	2036		2	9,599	9,685	9,550	9,645
230	203603	2036		3	9,716	9,599	9,685	9,550
231	203604	2036		4	9,620	9,716	9,599	9,685
232	203701	2037		1	9,757	9,620	9,716	9,599
233	203702	2037		2	9,670	9,757	9,620	9,716
234	203703	2037		3	9,787	9,670	9,757	9,620
235	203704	2037		4	9,689	9,787	9,670	9,757
236	203801	2038		1	9,826	9,689	9,787	9,670
237	203802	2038		2	9,736	9,826	9,689	9,787
238	203803	2038		3	9,853	9,736	9,826	9,689
239	203804	2038		4	9,754	9,853	9,736	9,826
240	203901	2039		1	9,892	9,754	9,853	9,736
241	203902	2039		2	9,801	9,892	9,754	9,853
242	203903	2039		3	9,918	9,801	9,892	9,754
243	203904	2039		4	9,817	9,918	9,801	9,892
244	204001	2040		1	9,957	9,817	9,918	9,801
245	204002	2040		2	9,866	9,957	9,817	9,918
246	204003	2040		3	9,984	9,866	9,957	9,817
247	204004	2040		4	9,882	9,984	9,866	9,957
248	204101	2041		1	10,023	9,882	9,984	9,866
249	204102	2041		2	9,932	10,023	9,882	9,984
250	204103	2041		3	10,067	9,932	10,023	9,882
251	204104	2041		4	9,955	10,067	9,932	10,023

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EMPIND
1	197902	1979		2 1,265
2	197903	1979		3 1,274
3	197904	1979		4 1,283
4	198001	1980		1 1,257
5	198002	1980		2 1,256
6	198003	1980		3 1,242
7	198004	1980		4 1,260
8	198101	1981		1 1,244
9	198102	1981		2 1,274
10	198103	1981		3 1,280
11	198104	1981		4 1,266
12	198201	1982		1 1,215
13	198202	1982		2 1,211
14	198203	1982		3 1,196
15	198204	1982		4 1,176
16	198301	1983		1 1,169
17	198302	1983		2 1,199
18	198303	1983		3 1,213
19	198304	1983		4 1,225
20	198401	1984		1 1,219
21	198402	1984		2 1,238
22	198403	1984		3 1,246
23	198404	1984		4 1,256
24	198501	1985		1 1,234
25	198502	1985		2 1,255
26	198503	1985		3 1,267
27	198504	1985		4 1,275
28	198601	1986		1 1,261
29	198602	1986		2 1,274
30	198603	1986		3 1,283
31	198604	1986		4 1,293
32	198701	1987		1 1,273
33	198702	1987		2 1,291
34	198703	1987		3 1,300
35	198704	1987		4 1,317
36	198801	1988		1 1,314
37	198802	1988		2 1,331
38	198803	1988		3 1,329
39	198804	1988		4 1,342
40	198901	1989		1 1,322
41	198902	1989		2 1,332
42	198903	1989		3 1,323
43	198904	1989		4 1,327
44	199001	1990		1 1,274
45	199002	1990		2 1,275
46	199003	1990		3 1,262
47	199004	1990		4 1,244
48	199101	1991		1 1,199
49	199102	1991		2 1,194
50	199103	1991		3 1,180
51	199104	1991		4 1,165

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EMPIND
52	199201	1992		1 1,127
53	199202	1992		2 1,123
54	199203	1992		3 1,111
55	199204	1992		4 1,087
56	199301	1993		1 1,060
57	199302	1993		2 1,054
58	199303	1993		3 1,045
59	199304	1993		4 1,034
60	199401	1994		1 1,016
61	199402	1994		2 1,030
62	199403	1994		3 1,034
63	199404	1994		4 1,034
64	199501	1995		1 1,027
65	199502	1995		2 1,036
66	199503	1995		3 1,040
67	199504	1995		4 1,037
68	199601	1996		1 1,041
69	199602	1996		2 1,057
70	199603	1996		3 1,060
71	199604	1996		4 1,066
72	199701	1997		1 1,064
73	199702	1997		2 1,084
74	199703	1997		3 1,095
75	199704	1997		4 1,092
76	199801	1998		1 1,098
77	199802	1998		2 1,112
78	199803	1998		3 1,107
79	199804	1998		4 1,101
80	199901	1999		1 1,083
81	199902	1999		2 1,095
82	199903	1999		3 1,092
83	199904	1999		4 1,089
84	200001	2000		1 1,083
85	200002	2000		2 1,091
86	200003	2000		3 1,095
87	200004	2000		4 1,083
88	200101	2001		1 1,070
89	200102	2001		2 1,058
90	200103	2001		3 1,036
91	200104	2001		4 1,005
92	200201	2002		1 980
93	200202	2002		2 983
94	200203	2002		3 971
95	200204	2002		4 958
96	200301	2003		1 941
97	200302	2003		2 936
98	200303	2003		3 929
99	200304	2003		4 921
100	200401	2004		1 917
101	200402	2004		2 925
102	200403	2004		3 926

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EMPIND
103	200404	2004		4 916
104	200501	2005		1 908
105	200502	2005		2 911
106	200503	2005		3 913
107	200504	2005		4 907
108	200601	2006		1 905
109	200602	2006		2 910
110	200603	2006		3 909
111	200604	2006		4 898
112	200701	2007		1 889
113	200702	2007		2 889
114	200703	2007		3 889
115	200704	2007		4 872
116	200801	2008		1 859
117	200802	2008		2 859
118	200803	2008		3 855
119	200804	2008		4 830
120	200901	2009		1 787
121	200902	2009		2 764
122	200903	2009		3 747
123	200904	2009		4 734
124	201001	2010		1 724
125	201002	2010		2 732
126	201003	2010		3 737
127	201004	2010		4 732
128	201101	2011		1 723
129	201102	2011		2 730
130	201103	2011		3 737
131	201104	2011		4 731
132	201201	2012		1 729
133	201202	2012		2 740
134	201203	2012		3 746
135	201204	2012		4 740
136	201301	2013		1 735
137	201302	2013		2 739
138	201303	2013		3 744
139	201304	2013		4 743
140	201401	2014		1 739
141	201402	2014		2 741
142	201403	2014		3 747
143	201404	2014		4 744
144	201501	2015		1 740
145	201502	2015		2 742
146	201503	2015		3 748
147	201504	2015		4 739
148	201601	2016		1 732
149	201602	2016		2 735
150	201603	2016		3 740
151	201604	2016		4 733
152	201701	2017		1 728
153	201702	2017		2 734

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EMPIND	
154	201703	2017		3	740
155	201704	2017		4	738
156	201801	2018		1	737
157	201802	2018		2	743
158	201803	2018		3	750
159	201804	2018		4	748
160	201901	2019		1	745
161	201902	2019		2	750
162	201903	2019		3	757
163	201904	2019		4	754
164	202001	2020		1	749
165	202002	2020		2	753
166	202003	2020		3	759
167	202004	2020		4	755
168	202101	2021		1	750
169	202102	2021		2	754
170	202103	2021		3	760
171	202104	2021		4	758
172	202201	2022		1	753
173	202202	2022		2	758
174	202203	2022		3	764
175	202204	2022		4	760
176	202301	2023		1	755
177	202302	2023		2	759
178	202303	2023		3	765
179	202304	2023		4	762
180	202401	2024		1	756
181	202402	2024		2	761
182	202403	2024		3	766
183	202404	2024		4	762
184	202501	2025		1	756
185	202502	2025		2	760
186	202503	2025		3	765
187	202504	2025		4	761
188	202601	2026		1	754
189	202602	2026		2	759
190	202603	2026		3	764
191	202604	2026		4	760
192	202701	2027		1	754
193	202702	2027		2	757
194	202703	2027		3	762
195	202704	2027		4	758
196	202801	2028		1	751
197	202802	2028		2	754
198	202803	2028		3	759
199	202804	2028		4	754
200	202901	2029		1	747
201	202902	2029		2	750
202	202903	2029		3	754
203	202904	2029		4	750
204	203001	2030		1	743

Southern California Gas Company
2019 GRC - APP

OBS	DTE	YEAR	QUARTER	EMPIND
205	203002	2030		2 745
206	203003	2030		3 750
207	203004	2030		4 745
208	203101	2031		1 738
209	203102	2031		2 742
210	203103	2031		3 746
211	203104	2031		4 742
212	203201	2032		1 734
213	203202	2032		2 738
214	203203	2032		3 742
215	203204	2032		4 737
216	203301	2033		1 730
217	203302	2033		2 733
218	203303	2033		3 738
219	203304	2033		4 734
220	203401	2034		1 727
221	203402	2034		2 730
222	203403	2034		3 735
223	203404	2034		4 731
224	203501	2035		1 724
225	203502	2035		2 728
226	203503	2035		3 733
227	203504	2035		4 729
228	203601	2036		1 722
229	203602	2036		2 726
230	203603	2036		3 731
231	203604	2036		4 727
232	203701	2037		1 720
233	203702	2037		2 723
234	203703	2037		3 728
235	203704	2037		4 724
236	203801	2038		1 717
237	203802	2038		2 721
238	203803	2038		3 726
239	203804	2038		4 722
240	203901	2039		1 715
241	203902	2039		2 719
242	203903	2039		3 724
243	203904	2039		4 720
244	204001	2040		1 714
245	204002	2040		2 717
246	204003	2040		3 722
247	204004	2040		4 718
248	204101	2041		1 712
249	204102	2041		2 716
250	204103	2041		3 721
251	204104	2041		4 717