

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



September 5, 2014

Advice Letter 4679

Rasha Prince, Director
Regulatory Affairs
Southern California Gas
555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011

**Subject: Updates to SoCalGas' Capacity Planning Ranges Based
on the 2014 California Gas Report**

Dear Ms. Prince:

Advice Letter 4679 is effective September 6, 2014.

Sincerely,

A handwritten signature in cursive script that reads "Edward F. Randolph".

Edward F. Randolph, Director
Energy Division



Rasha Prince
 Director
 Regulatory Affairs

555 W. Fifth Street, GT14D6
 Los Angeles, CA 90013-1011
 Tel: 213.244.5141
 Fax: 213.244.4957
 RPrince@semprautilities.com

August 7, 2014

Advice No. 4679
 (U 904 G)

Public Utilities Commission of the State of California

Subject: Updates to SoCalGas' Capacity Planning Ranges Based on the 2014 California Gas Report

Purpose

This filing requests approval by the California Public Utilities Commission (Commission) to update Southern California Gas Company's (SoCalGas) combined portfolio¹ capacity planning ranges in compliance with Decision (D.) 04-09-022 and Advice Nos. (AL) 3969 and 4350. The combined portfolio capacity planning ranges are being updated based on the 2014 California Gas Report (CGR) for Gas Cost Incentive Mechanism (GCIM) Year 22 and GCIM Year 23, as summarized in the table below:

GCIM Year	Season	Updated Minimum Capacity Value	Updated Maximum Capacity Value
GCIM Year 22 (April 1, 2015 to March 31, 2016)	Non-Winter April 2015 to Oct 2015	987 MDth/d	1,316 MDth/d
	Winter Nov 2015 to Mar 2016	1,097 MDth/d	1,316 MDth/d
GCIM Year 23 (April 1, 2016 to March 31, 2017)	Non-Winter April 2016 to Oct 2016	988 MDth/d	1,318 MDth/d
	Winter Nov 2016 to Mar 2017	1,098 MDth/d	1,318 MDth/d

Background

SoCalGas' capacity contracting procedures were approved in D.04-09-022. AL 3969, approved on April 3, 2009 and effective April 1, 2009, eliminated the 100% minimum

¹ In D.07-12-019, the Commission approved combining San Diego Gas and Electric's (SDG&E's) core portfolio into SoCalGas' core portfolio.

annual average requirement and extended the term for three additional years to 2012. AL 4350, approved on May 3, 2012 and effective April 29, 2012, further extended the term for an additional three years to 2015.

Pursuant to these approved procedures, SoCalGas acquires firm interstate capacity for the non-winter months (April through October) in amounts that range between 90-120% of SoCalGas' core procurement customers' annual average daily load, and for the winter months (November through March) in amounts that range between 100% and 120% of the core procurement customers' annual average daily load.

The standard for the determination of SoCalGas' core procurement customers' annual average daily load under D.04-09-022 is as follows:

The forecasted demand will either be from the latest filed BCAP or the latest California Gas Report, if the BCAP is more than 12 months old.²

Accordingly, in compliance with the Commission's direction in D.04-09-022, SoCalGas hereby submits updates to the combined portfolio capacity planning ranges for the non-winter and winter months based upon SoCalGas' and SDG&E's core procurement load forecasts published in the 2014 CGR. Incorporated herein as Attachment B are SoCalGas' Combined Portfolio Calculations and Workpapers supporting the updated capacity planning ranges.

This filing will not create any deviations from SoCalGas' tariffs, cause withdrawal of service from any present customer, or impose any more or less restrictive conditions.

Protest

Anyone may protest this Advice Letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received within 20 days of the date of this Advice Letter, which is August 27, 2014. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102

A copy of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be

² D.04-09-022, mimeo., at 29.

sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Sid Newsom
Tariff Manager – GT14D6
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No. (213) 244-4957
E-Mail: snewsom@semprautilities.com

Effective Date

SoCalGas believes that this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to GO 96-B. Therefore, SoCalGas respectfully requests that this compliance filing become effective on September 6, 2014, which is 30 calendar days after the date filed.

Notice

A copy of this AL is being sent to SoCalGas' General Order (GO) 96-B service list and the Commission's service list in R.04-01-025, Gas Market OIR. Address change requests to the GO 96-B should be directed by electronic mail to tariffs@socalgas.com or call 213-244-3387. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or by electronic mail at Process_Office@cpuc.ca.gov.

Rasha Prince
Director
Regulatory Affairs

Attachments

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SOUTHERN CALIFORNIA GAS COMPANY (U 904G)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Sid Newsom

Phone #: (213) 244-2846

E-mail: SNewsom@semprautilities.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 4679

Subject of AL: Updates to SoCalGas' Capacity Planning Ranges Based on the 2014 California Gas Report

Keywords (choose from CPUC listing): Capacity

AL filing type: Monthly Quarterly Annual One-Time Other Periodic

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

D04-09-022

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL¹: N/A

Does AL request confidential treatment? If so, provide explanation: No

Resolution Required? Yes No

Tier Designation: 1 2 3

Requested effective date: 9/6/14

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: None

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: None

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Ave.,
San Francisco, CA 94102
EDTariffUnit@cpuc.ca.gov

Southern California Gas Company
Attention: Sid Newsom
555 West 5th Street, GT14D6
Los Angeles, CA 90013-1011
SNewsom@semprautilities.com
tariffs@socalgas.com

¹ Discuss in AL if more space is needed.

ATTACHMENT A

Advice No. 4679

**SoCalGas' Combined Portfolio Calculations and
Workpapers based on the 2014 California Gas Report**

Capacity Planning Ranges Based on
The **2014 California Gas Report**

Core end-use demand (MDth/d) exclusive of
core aggregation transportation (CAT)

Line	Cal Year/ Month	GCIM-Year	Winter/ Nonwinter	Capacity			Days per Month	SoCalGas +			GCIM-22	GCIM-23	Line
				Value ^{1/} (MDth/d)	Value ^{2/} (MDth/d)	12-Month Avg. Dly. Dmd. For GCIM Year ^{3/}		SDG&E (2014 CGR)	SoCalGas (2014 CGR) 1/	SDG&E (2014 CGR) 2/			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1	Apr-15	GCIM-22	Non-Win	986.9	1,315.9	1,096.6	30	1,142.2	996.9	145.2	1	0	1
2	May-15	GCIM-22	Non-Win	986.9	1,315.9	1,096.6	31	872.3	761.9	110.4	1	0	2
3	Jun-15	GCIM-22	Non-Win	986.9	1,315.9	1,096.6	30	746.4	653.8	92.7	1	0	3
4	Jul-15	GCIM-22	Non-Win	986.9	1,315.9	1,096.6	31	682.8	597.5	85.2	1	0	4
5	Aug-15	GCIM-22	Non-Win	986.9	1,315.9	1,096.6	31	678.3	594.9	83.4	1	0	5
6	Sep-15	GCIM-22	Non-Win	986.9	1,315.9	1,096.6	30	709.4	622.4	87.0	1	0	6
7	Oct-15	GCIM-22	Non-Win	986.9	1,315.9	1,096.6	31	807.4	710.4	97.0	1	0	7
8	Nov-15	GCIM-22	Win	1,096.6	1,315.9	1,096.6	30	1,238.6	1,092.1	146.5	1	0	8
9	Dec-15	GCIM-22	Win	1,096.6	1,315.9	1,096.6	31	1,721.0	1,520.1	200.9	1	0	9
10	Jan-16	GCIM-22	Win	1,096.6	1,315.9	1,096.6	31	1,679.8	1,482.3	197.5	1	0	10
11	Feb-16	GCIM-22	Win	1,096.6	1,315.9	1,096.6	29	1,560.9	1,366.8	194.2	1	0	11
12	Mar-16	GCIM-22	Win	1,096.6	1,315.9	1,096.6	31	1,332.6	1,167.6	165.0	1	0	12
13	Apr-16	GCIM-23	Non-Win	988.4	1,317.9	1,098.3	30	1,141.5	995.5	146.0	0	1	13
14	May-16	GCIM-23	Non-Win	988.4	1,317.9	1,098.3	31	872.8	761.7	111.1	0	1	14
15	Jun-16	GCIM-23	Non-Win	988.4	1,317.9	1,098.3	30	747.4	654.2	93.2	0	1	15
16	Jul-16	GCIM-23	Non-Win	988.4	1,317.9	1,098.3	31	683.8	598.1	85.7	0	1	16
17	Aug-16	GCIM-23	Non-Win	988.4	1,317.9	1,098.3	31	679.5	595.5	83.9	0	1	17
18	Sep-16	GCIM-23	Non-Win	988.4	1,317.9	1,098.3	30	710.7	623.2	87.5	0	1	18
19	Oct-16	GCIM-23	Non-Win	988.4	1,317.9	1,098.3	31	807.6	710.1	97.5	0	1	19
20	Nov-16	GCIM-23	Win	1,098.3	1,317.9	1,098.3	30	1,237.2	1,089.9	147.3	0	1	20
21	Dec-16	GCIM-23	Win	1,098.3	1,317.9	1,098.3	31	1,717.5	1,515.6	201.9	0	1	21
22	Jan-17	GCIM-23	Win	1,098.3	1,317.9	1,098.3	31	1,673.5	1,475.8	197.7	0	1	22
23	Feb-17	GCIM-23	Win	1,098.3	1,317.9	1,098.3	28	1,611.1	1,409.8	201.3	0	1	23
24	Mar-17	GCIM-23	Win	1,098.3	1,317.9	1,098.3	31	1,328.2	1,163.0	165.2	0	1	24

Notes:

- 25 1/ The non-winter "Low" value is calculated as 90% of the
- 26 respective GCIM 12-month average daily demand; while
- 27 the winter "Low" value is calculated using 100%.
- 28 Per SoCalGas Advice Letter#3969 (March 2nd, 2009);
- 29 with CPUC Approval (April 3rd, 2009).
- 30 2/ The "High" value is calculated as 120% of the
- 31 respective GCIM 12-month average daily demand.
- 32 Per SoCalGas Advice Letter#3969 (March 2nd, 2009);
- 33 with CPUC Approval (April 3rd, 2009).
- 34 3/ Computed for each indicated GCIM year as a weighted average
- 35 of the monthly values in column (8) weighted by the respective
- 36 days per month in column (7).

Notes:

- 25 1/ From the **2014 California Gas Report** Work Papers (REDACTED version for SoCalGas),
- 26 Southern California Gas Company Tabular Data, Forecast of Requirements for Average Temperature Year,
- 27 tables of monthly data for years 2015-2017, footnote #6.
- 28 See web-link and look for **SoCalGas'** work papers at: <http://www.socalgas.com/regulatory/cgr.shtml>
- 29
- 30 2/ From the **2014 California Gas Report** Work Papers (REDACTED version for SDG&E),
- 31 San Diego Gas and Electric Company Tabular Data, Forecast of Requirements for Average Temperature Year,
- 32 tables of monthly data for years 2015-2017, footnote #4.
- 33 See web-link and look for **SDG&E's** work papers at: <http://www.socalgas.com/regulatory/cgr.shtml>
- 34
- 35
- 36

SOUTHERN CALIFORNIA GAS COMPANY

Work Paper: TABLE 1-SCG

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2015

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE															
1	California Line 85 Zone (California Producers)	160	160	160	160	160	160	160	160	160	160	160	160	160	1
2	California Coastal Zone (California Producers)	150	150	150	150	150	150	150	150	150	150	150	150	150	2
Out-of-State Gas															
3	Wheeler Ridge Zone (KR, MP, PG&E, OEHI) ^{1/}	765	765	765	765	765	765	765	765	765	765	765	765	765	3
4	Southern Zone (EPN,TGN,NBP) ^{2/}	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	4
5	Northern Zone (TW,EPN,QST, KR) ^{3/}	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	5
6	Total Out-of-State Gas	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	6
7	TOTAL CAPACITY AVAILABLE	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	7
GAS SUPPLY TAKEN															
8	California Source Gas	310	310	310	310	310	310	310	310	310	310	310	310	310	8
9	Out-of-State	2,866	2,774	2,442	2,274	2,002	2,005	2,344	2,377	2,286	2,111	2,417	2,993	2,406	9
10	TOTAL SUPPLY TAKEN	3,176	3,084	2,752	2,584	2,312	2,315	2,654	2,687	2,596	2,421	2,727	3,303	2,716	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,176	3,084	2,752	2,584	2,312	2,315	2,654	2,687	2,596	2,421	2,727	3,303	2,716	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,101	1,024	848	701	487	393	362	361	368	454	756	1,138	664	13
14	Commercial	300	307	244	221	204	191	167	163	181	180	263	307	227	14
15	Industrial	67	71	58	58	56	56	53	55	58	58	61	63	59	15
16	NGV	40	42	41	37	37	35	36	37	37	39	36	36	38	16
17	Subtotal-CORE	1,509	1,444	1,191	1,017	784	675	617	615	645	732	1,117	1,543	988	17
NONCORE															
18	Commercial	55	53	49	45	41	38	38	41	48	44	46	54	46	18
19	Industrial	387	387	381	384	381	382	378	395	389	376	360	351	379	19
20	EOR Steaming	52	52	52	52	52	52	52	52	52	52	52	52	52	20
21	Electric Generation (EG)	663	630	633	658	686	783	1,084	1,096	974	816	706	721	789	21
22	Subtotal-NONCORE	1,157	1,122	1,115	1,139	1,160	1,255	1,552	1,583	1,462	1,288	1,165	1,178	1,266	22
WHOLESALE & INTERNATIONAL															
23	Core	284	288	234	206	156	132	122	119	126	142	211	291	192	23
24	Noncore Excl. EG	46	50	46	46	44	45	44	44	44	43	46	45	45	24
25	Electric Generation (EG)	139	140	131	142	139	179	285	291	285	185	154	202	190	25
26	Subtotal-WHOLESALE & INT	469	477	410	394	339	355	451	453	455	370	411	539	427	26
27	Co. Use & LUAF	41	40	36	34	30	30	34	35	34	31	35	43	35	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,176	3,084	2,752	2,584	2,312	2,315	2,654	2,687	2,596	2,421	2,727	3,303	2,716	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	61	62	52	46	41	38	35	35	39	40	53	62	47	29
NONCORE															
30	Commercial/Industrial	442	441	430	430	422	420	417	436	436	420	407	405	425	30
31	EOR Steaming	52	52	52	52	52	52	52	52	52	52	52	52	52	31
32	Electric Generation (EG)	663	630	633	658	686	783	1,084	1,096	974	816	706	721	789	32
33	Subtotal-RETAIL	1,218	1,185	1,166	1,185	1,201	1,293	1,587	1,619	1,501	1,328	1,218	1,240	1,313	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	469	477	410	394	339	355	451	453	455	370	411	539	427	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,688	1,662	1,577	1,579	1,540	1,648	2,038	2,072	1,955	1,698	1,629	1,779	1,740	35
CURTAILMENT (RETAIL & WHOLESALE)															
36	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	36
37	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	37
38	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	38

NOTES:

1/ Wheeler Ridge Zone: KR & MP at Wheeler Ridge, PG&E at Kern Stn., OEHI at Gosford)

2/ Southern Zone (EPN at Ehrenberg, TGN at Otay Mesa, NBP at Blythe)

3/ Northern Zone (TW at No. Needles, EPN at Topok, QST at No. Needles, KR at Kramer Jct.)

4/ Excludes own-source gas supply of gas procurement by the City of Long Beach 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9

5/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

6/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d: 1,486 1,418 1,170 997 762 654 598 595 622 710 1,092 1,520 966

SOUTHERN CALIFORNIA GAS COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2016

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE															
1	California Line 85 Zone (California Producers)	160	160	160	160	160	160	160	160	160	160	160	160	160	1
2	California Coastal Zone (California Producers)	150	150	150	150	150	150	150	150	150	150	150	150	150	2
Out-of-State Gas															
3	Wheeler Ridge Zone (KR, MP, PG&E, OEHI) ^{1/}	765	765	765	765	765	765	765	765	765	765	765	765	765	3
4	Southern Zone (EPN,TGN,NBP) ^{2/}	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	4
5	Northern Zone (TW,EPN,QST, KR) ^{3/}	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	5
6	Total Out-of-State Gas	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	6
7	TOTAL CAPACITY AVAILABLE	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	7
GAS SUPPLY TAKEN															
8	California Source Gas	310	310	310	310	310	310	310	310	310	310	310	310	310	8
9	Out-of-State	2,925	2,679	2,413	2,241	1,992	1,996	2,347	2,411	2,318	2,121	2,433	2,969	2,404	9
10	TOTAL SUPPLY TAKEN	3,235	2,989	2,723	2,551	2,302	2,306	2,657	2,721	2,628	2,431	2,743	3,279	2,714	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,235	2,989	2,723	2,551	2,302	2,306	2,657	2,721	2,628	2,431	2,743	3,279	2,714	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,093	982	842	697	484	391	359	358	366	451	751	1,130	658	13
14	Commercial	302	298	245	222	205	193	168	164	183	181	265	308	228	14
15	Industrial	68	69	58	58	56	56	53	55	58	58	61	63	59	15
16	NGV	43	43	44	39	39	37	38	39	40	41	38	37	40	16
17	Subtotal-CORE	1,506	1,392	1,189	1,016	784	676	618	616	646	732	1,115	1,539	985	17
NONCORE															
18	Commercial	53	50	47	44	40	37	37	39	46	42	45	52	44	18
19	Industrial	389	384	383	385	380	381	378	395	389	376	360	351	379	19
20	EOR Steaming	52	52	52	52	52	52	52	52	52	52	52	52	52	20
21	Electric Generation (EG)	708	605	605	629	674	769	1,077	1,120	990	818	715	695	785	21
22	Subtotal-NONCORE	1,202	1,091	1,087	1,110	1,146	1,239	1,543	1,607	1,476	1,288	1,172	1,149	1,260	22
WHOLESALE & INTERNATIONAL															
23	Core	286	281	235	208	157	133	123	120	127	143	212	294	193	23
24	Noncore Excl. EG	46	48	46	46	45	45	44	44	44	43	46	45	45	24
25	Electric Generation (EG)	154	138	130	138	141	184	294	300	301	193	162	208	196	25
26	Subtotal-WHOLESALE & INT	486	467	412	392	342	361	462	463	472	379	420	547	434	26
27	Co. Use & LUAF	42	39	35	33	30	30	34	35	34	32	36	43	35	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,235	2,989	2,723	2,551	2,302	2,306	2,657	2,721	2,628	2,431	2,743	3,279	2,714	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	62	61	52	46	42	39	35	36	39	40	54	63	47	29
NONCORE															
30	Commercial/Industrial	442	434	430	429	420	418	415	434	435	418	405	403	424	30
31	EOR Steaming	52	52	52	52	52	52	52	52	52	52	52	52	52	31
32	Electric Generation (EG)	708	605	605	629	674	769	1,077	1,120	990	818	715	695	785	32
33	Subtotal-RETAIL	1,263	1,151	1,139	1,156	1,188	1,278	1,579	1,642	1,515	1,328	1,225	1,212	1,307	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	486	467	412	392	342	361	462	463	472	379	420	547	434	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,749	1,618	1,550	1,548	1,530	1,639	2,040	2,106	1,987	1,707	1,645	1,759	1,741	35
CURTAILMENT (RETAIL & WHOLESALE)															
36	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	36
37	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	37
38	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	38

NOTES:

1/ Wheeler Ridge Zone: KR & MP at Wheeler Ridge, PG&E at Kern Stn., OEHI at Gosford)

2/ Southern Zone (EPN at Ehrenberg, TGN at Otay Mesa, NBP at Blythe)

3/ Northern Zone (TW at No. Needles, EPN at Topok, QST at No. Needles, KR at Kramer Jct.)

4/ Excludes own-source gas supply of gas procurement by the City of Long Beach 0.84 0.84 0.84 0.84 0.84 0.84 0.84 0.84 0.84 0.84 0.84 0.84 0.84 0.84

5/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

6/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d: 1,482 1,367 1,168 995 762 654 598 596 623 710 1,090 1,516 963

SOUTHERN CALIFORNIA GAS COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2017

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE															
1	California Line 85 Zone (California Producers)	160	160	160	160	160	160	160	160	160	160	160	160	160	1
2	California Coastal Zone (California Producers)	150	150	150	150	150	150	150	150	150	150	150	150	150	2
Out-of-State Gas															
3	Wheeler Ridge Zone (KR, MP, PG&E, OEHI) ^{1/}	765	765	765	765	765	765	765	765	765	765	765	765	765	3
4	Southern Zone (EPN,TGN,NBP) ^{2/}	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	1,210	4
5	Northern Zone (TW,EPN,QST, KR) ^{3/}	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	1,590	5
6	Total Out-of-State Gas	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	3,565	6
7	TOTAL CAPACITY AVAILABLE	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	3,725	7
GAS SUPPLY TAKEN															
8	California Source Gas	310	310	310	310	310	310	310	310	310	310	310	310	310	8
9	Out-of-State	2,847	2,764	2,423	2,266	1,986	1,997	2,322	2,357	2,266	2,059	2,435	2,972	2,390	9
10	TOTAL SUPPLY TAKEN	3,157	3,074	2,733	2,576	2,296	2,307	2,632	2,667	2,576	2,369	2,745	3,282	2,700	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,157	3,074	2,733	2,576	2,296	2,307	2,632	2,667	2,576	2,369	2,745	3,282	2,700	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,085	1,009	836	691	480	388	356	355	363	448	745	1,122	655	13
14	Commercial	303	310	247	224	206	194	169	165	184	182	266	310	230	14
15	Industrial	67	70	57	57	55	55	52	54	58	57	60	62	59	15
16	NGV	45	46	46	40	41	38	39	41	41	43	40	39	42	16
17	Subtotal-CORE	1,500	1,436	1,185	1,013	782	675	617	615	645	730	1,112	1,533	985	17
NONCORE															
18	Commercial	51	50	45	42	38	36	36	38	44	41	43	50	43	18
19	Industrial	387	388	382	385	380	381	377	394	387	374	359	350	379	19
20	EOR Steaming	52	52	52	52	52	52	52	52	52	52	52	52	52	20
21	Electric Generation (EG)	650	623	621	649	671	771	1,056	1,073	952	770	720	704	773	21
22	Subtotal-NONCORE	1,140	1,112	1,100	1,128	1,141	1,239	1,521	1,556	1,435	1,237	1,174	1,156	1,246	22
WHOLESALE & INTERNATIONAL															
23	Core	287	291	236	209	158	133	123	121	128	144	214	295	194	23
24	Noncore Excl. EG	46	50	46	46	45	45	45	44	45	44	46	46	46	24
25	Electric Generation (EG)	143	144	131	147	141	184	292	296	290	183	164	210	194	25
26	Subtotal-WHOLESALE & INT	477	485	413	402	343	363	460	461	462	371	424	551	434	26
27	Co. Use & LUAF	41	40	35	33	30	30	34	35	33	31	36	43	35	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,157	3,074	2,733	2,576	2,296	2,307	2,632	2,667	2,576	2,369	2,745	3,282	2,700	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	62	63	52	46	42	39	36	36	40	40	54	63	48	29
NONCORE															
30	Commercial/Industrial	438	437	428	427	418	416	413	432	431	415	402	400	421	30
31	EOR Steaming	52	52	52	52	52	52	52	52	52	52	52	52	52	31
32	Electric Generation (EG)	650	623	621	649	671	771	1,056	1,073	952	770	720	704	773	32
33	Subtotal-RETAIL	1,202	1,176	1,152	1,174	1,183	1,278	1,557	1,593	1,475	1,278	1,228	1,219	1,294	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	477	485	413	402	343	363	460	461	462	371	424	551	434	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,679	1,661	1,565	1,577	1,526	1,641	2,017	2,053	1,937	1,649	1,652	1,770	1,728	35
CURTAILMENT (RETAIL & WHOLESALE)															
36	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	36
37	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	37
38	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	38

NOTES:

1/ Wheeler Ridge Zone: KR & MP at Wheeler Ridge, PG&E at Kern Stn., OEHI at Gosford)

2/ Southern Zone (EPN at Ehrenberg, TGN at Otay Mesa, NBP at Blythe)

3/ Northern Zone (TW at No. Needles, EPN at Topok, QST at No. Needles, KR at Kramer Jct.)

4/ Excludes own-source gas supply of gas procurement by the City of Long Beach 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80 0.80

5/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

6/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d: 1,476 1,410 1,163 992 760 653 597 594 622 708 1,086 1,509 962

SAN DIEGO GAS & ELECTRIC COMPANY

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2015**

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	607	607	607	607	607	607	607	607	607	607	607	607	607	2
3	TOTAL CAPACITY AVAILABLE	607	607	607	607	607	607	607	607	607	607	607	607	607	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	342	346	300	292	253	275	373	377	375	285	306	408	327	5
6	TOTAL SUPPLY TAKEN	342	346	300	292	253	275	373	377	375	285	306	408	327	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	342	346	300	292	253	275	373	377	375	285	306	408	327	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	139	137	115	97	68	53	48	48	48	58	97	144	87	10
11	Commercial	58	63	50	49	43	40	37	35	39	39	50	58	47	11
12	Industrial	5	5	4	4	3	3	3	3	3	3	4	4	4	12
13	NGV	4	5	4	4	4	4	4	4	4	4	5	4	4	13
	Subtotal-CORE	206	210	172	154	119	101	93	91	95	105	156	210	142	14
15															15
16															16
17	NONCORE Subtotal-NONCORE	131	131	123	134	131	170	276	281	275	176	146	193	181	17
18	Co. Use & LUAF	5	5	4	4	3	4	5	5	5	4	4	5	4	18
19	SYSTEM TOTAL THROUGHPUT	342	346	300	292	253	275	373	377	375	285	306	408	327	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	14	15	12	12	11	10	9	10	10	10	13	14	12	20
21	NONCORE All End Uses	131	131	123	134	131	170	276	281	275	176	146	193	181	21
22	TOTAL TRANSPORTATION & EXCHANGE	145	146	135	146	142	180	285	291	285	186	159	207	193	22
23															23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Capacity to receive gas from the Southern Zone of SoCalGas is an annual value based on weighting winter and non-winter season values: 607 = (630 winter) x (151/365) + (590 non-winter) x (214/365).

2/ For 2014 and after, assume capacity at same levels.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d:

196 200 164 145 110 93 85 83 87 97 146 201 134

SAN DIEGO GAS & ELECTRIC COMPANY

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2016**

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	607	607	607	607	607	607	607	607	607	607	607	607	607	2
3	TOTAL CAPACITY AVAILABLE	607	607	607	607	607	607	607	607	607	607	607	607	607	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	357	339	300	289	255	280	383	387	392	294	314	417	334	5
6	TOTAL SUPPLY TAKEN	357	339	300	289	255	280	383	387	392	294	314	417	334	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	357	339	300	289	255	280	383	387	392	294	314	417	334	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	139	133	115	97	68	53	49	48	49	59	97	145	88	10
11	Commercial	58	61	50	49	43	40	37	35	39	39	51	58	47	11
12	Industrial	5	5	4	4	3	3	3	3	3	3	4	4	4	12
13	NGV	4	5	4	4	4	5	4	5	5	5	5	4	4	13
14	Subtotal-CORE	207	204	173	155	119	101	93	92	96	105	157	211	143	14
15															15
16															16
17	NONCORE Subtotal-NONCORE	145	129	123	130	133	175	285	290	291	184	154	200	187	17
18	Co. Use & LUAF	5	5	4	4	3	4	5	5	5	4	4	6	4	18
19	SYSTEM TOTAL THROUGHPUT	357	339	300	289	255	280	383	387	392	294	314	417	334	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	14	15	12	12	11	10	10	10	10	10	13	14	12	20
21															21
22	NONCORE All End Uses	145	129	123	130	133	175	285	290	291	184	154	200	187	22
23	TOTAL TRANSPORTATION & EXCHANGE	159	144	135	142	144	185	294	300	301	195	166	214	199	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Capacity to receive gas from the Southern Zone of SoCalGas is an annual value based on weighting winter and non-winter season values: 607 = (630 winter) x (151/365) + (590 non-winter) x (214/365).

2/ For 2014 and after, assume capacity at same levels.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d:

197 194 165 146 111 93 86 84 87 98 147 202 134

SAN DIEGO GAS & ELECTRIC COMPANY

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2017**

AVERAGE TEMPERATURE with BASE HYDRO YEAR

LINE		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg	LINE
CAPACITY AVAILABLE ^{1/ & 2/}															
1	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	Southern Zone of SoCalGas ^{1/}	607	607	607	607	607	607	607	607	607	607	607	607	607	2
3	TOTAL CAPACITY AVAILABLE	607	607	607	607	607	607	607	607	607	607	607	607	607	3
GAS SUPPLY TAKEN															
4	California Source Gas	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5	Southern Zone of SoCalGas	348	353	301	298	256	281	381	383	381	285	317	419	333	5
6	TOTAL SUPPLY TAKEN	348	353	301	298	256	281	381	383	381	285	317	419	333	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	348	353	301	298	256	281	381	383	381	285	317	419	333	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	139	138	115	97	68	53	49	48	49	59	97	145	88	10
11	Commercial	58	64	50	50	43	40	37	36	39	39	51	58	47	11
12	Industrial	5	5	4	4	3	3	3	3	3	3	4	4	4	12
13	NGV	4	5	4	5	5	5	4	5	5	5	5	5	5	13
14	Subtotal-CORE	207	212	174	155	120	102	94	92	96	106	157	212	143	14
15															15
16															16
17	NONCORE Subtotal-NONCORE	135	135	123	139	133	175	282	286	280	175	156	201	186	17
18	Co. Use & LUAF	5	5	4	4	3	4	5	5	5	4	4	6	4	18
19	SYSTEM TOTAL THROUGHPUT	348	353	301	298	256	281	381	383	381	285	317	419	333	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	14	15	12	12	11	11	10	10	10	10	13	14	12	20
21															21
22	NONCORE All End Uses	135	135	123	139	133	175	282	286	280	175	156	201	186	22
23	TOTAL TRANSPORTATION & EXCHANGE	149	151	135	151	144	186	292	296	291	185	169	215	198	23
CURTAILMENT															
24	Core	0	0	0	0	0	0	0	0	0	0	0	0	0	24
25	Noncore	0	0	0	0	0	0	0	0	0	0	0	0	0	25
26	TOTAL - Curtailment	0	0	0	0	0	0	0	0	0	0	0	0	0	26

NOTES:

1/ Capacity to receive gas from the Southern Zone of SoCalGas is an annual value based on weighting winter and non-winter season values: 607 = (630 winter) x (151/365) + (590 non-winter) x (214/365).

2/ For 2014 and after, assume capacity at same levels.

3/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.

4/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d:

198 201 165 146 111 93 86 84 88 98 147 202 135