

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



October 16, 2012

Advice Letter 4402

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 2012 California Gas Report**

Dear Ms. Prince:

Advice Letter 4402 is effective October 12, 2012.

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
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RPrince@semprautilities.com

September 12, 2012

Advice No. 4402
(U 904 G)

Public Utilities Commission of the State of California

Subject: Updates to SoCalGas' Capacity Planning Ranges Based on the 2012 California Gas Report

Purpose

This filing requests the California Public Utilities Commission (Commission) approval to update Southern California Gas Company's (SoCalGas) combined portfolio¹ capacity planning ranges in compliance with Decision (D.) 04-09-022 and Advice No. (AL) 3969.² The combined portfolio capacity planning ranges are being updated based on the 2012 California Gas Report for Gas Cost Incentive Mechanism (GCIM) Year 20 and GCIM Year 21:

GCIM Year	Season	Updated Minimum Capacity Value	Updated Maximum Capacity Value
GCIM Year 20 (April 1, 2013 to March 31, 2014)	Non-Winter April 2013 to Oct 2013	948.1 MDth/d	1264.2 MDth/d
	Winter Nov 2013 to Mar 2014	1053.5 MDth/d	1264.2 MDth/d
GCIM Year 21 (April 1, 2014 to March 31, 2015)	Non-Winter April 2014 to Oct 2014	941.9 MDth/d	1255.9 MDth/d
	Winter Nov 2014 to Mar 2015	1046.6 MDth/d	1255.9 MDth/d

Background

In D.04-09-022, the Commission approved new capacity contracting procedures for SoCalGas. Pursuant to the capacity contracting procedures approved in D.04-09-022 and modified by AL 3969, SoCalGas acquires firm interstate capacity for the non-winter months (April through October) in amounts that range between 90-120% of SoCalGas' core

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.

² AL 3969 requested continuation of the interstate pipeline contract approval procedures adopted in D.04-09-022, and elimination of the 100% minimum annual average requirement. Both proposals were approved by the Commission on April 3, 2009 via disposition letter.

procurement customers' annual average daily load, and for the winter months (November through March) 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: "[t]he forecasted demand will either be from the latest filed BCAP or the latest California Gas Report (CGR), if the BCAP is more than 12 months old."³

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 filed in the 2012 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 October 2, 2012. 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 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

³ D.04-09-022, mimeo., at 29.

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 October 12, 2012, which is 30 calendar days after the date filed.

Notice

A copy of this advice letter is being sent to the parties listed on Attachment A, which includes interested parties in R.04-01-025.

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) #: 4402

Subject of AL: Updates to SoCalGas' Capacity Planning Ranges Based on the 2012 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: 10/12/12

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. 4402

(See Attached Service Lists)

ATTACHMENT B

Advice No. 4402

**SoCalGas' Combined Portfolio Calculations and
Workpapers based on the 2012 California Gas Report**

Capacity Planning Ranges Based on
The **2012 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-20	GCIM-21	Line
				"Low" Value 1/ (MDth/d)	"High" Value 2/ (MDth/d)	12-Month Avg. Dly. Dmd. For GCIM Year 3/ (6)		SDG&E (2012 CGR)	SoCalGas (2012 CGR) 1/	SDG&E (2012 CGR) 2/	(10)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
1	Apr-13	GCIM-20	Non-Win	948.1	1,264.2	1,053.5	30	1,094.4	952.9	141.5	1	0	1	
2	May-13	GCIM-20	Non-Win	948.1	1,264.2	1,053.5	31	840.8	731.5	109.3	1	0	2	
3	Jun-13	GCIM-20	Non-Win	948.1	1,264.2	1,053.5	30	724.5	633.1	91.3	1	0	3	
4	Jul-13	GCIM-20	Non-Win	948.1	1,264.2	1,053.5	31	660.5	576.7	83.8	1	0	4	
5	Aug-13	GCIM-20	Non-Win	948.1	1,264.2	1,053.5	31	658.5	576.4	82.1	1	0	5	
6	Sep-13	GCIM-20	Non-Win	948.1	1,264.2	1,053.5	30	686.9	601.2	85.7	1	0	6	
7	Oct-13	GCIM-20	Non-Win	948.1	1,264.2	1,053.5	31	776.1	681.1	95.0	1	0	7	
8	Nov-13	GCIM-20	Win	1,053.5	1,264.2	1,053.5	30	1,191.3	1,046.7	144.6	1	0	8	
9	Dec-13	GCIM-20	Win	1,053.5	1,264.2	1,053.5	31	1,650.6	1,451.2	199.4	1	0	9	
10	Jan-14	GCIM-20	Win	1,053.5	1,264.2	1,053.5	31	1,588.9	1,395.8	193.1	1	0	10	
11	Feb-14	GCIM-20	Win	1,053.5	1,264.2	1,053.5	28	1,527.0	1,335.6	191.4	1	0	11	
12	Mar-14	GCIM-20	Win	1,053.5	1,264.2	1,053.5	31	1,271.8	1,109.8	162.0	1	0	12	
13	Apr-14	GCIM-21	Non-Win	941.9	1,255.9	1,046.6	30	1,087.5	946.7	140.8	0	1	13	
14	May-14	GCIM-21	Non-Win	941.9	1,255.9	1,046.6	31	835.2	726.5	108.7	0	1	14	
15	Jun-14	GCIM-21	Non-Win	941.9	1,255.9	1,046.6	30	719.1	628.3	90.7	0	1	15	
16	Jul-14	GCIM-21	Non-Win	941.9	1,255.9	1,046.6	31	654.7	571.5	83.3	0	1	16	
17	Aug-14	GCIM-21	Non-Win	941.9	1,255.9	1,046.6	31	651.8	570.2	81.6	0	1	17	
18	Sep-14	GCIM-21	Non-Win	941.9	1,255.9	1,046.6	30	681.4	596.3	85.1	0	1	18	
19	Oct-14	GCIM-21	Non-Win	941.9	1,255.9	1,046.6	31	771.0	676.6	94.4	0	1	19	
20	Nov-14	GCIM-21	Win	1,046.6	1,255.9	1,046.6	30	1,182.9	1,039.1	143.8	0	1	20	
21	Dec-14	GCIM-21	Win	1,046.6	1,255.9	1,046.6	31	1,638.7	1,440.2	198.5	0	1	21	
22	Jan-15	GCIM-21	Win	1,046.6	1,255.9	1,046.6	31	1,580.8	1,388.5	192.4	0	1	22	
23	Feb-15	GCIM-21	Win	1,046.6	1,255.9	1,046.6	28	1,519.3	1,328.7	190.5	0	1	23	
24	Mar-15	GCIM-21	Win	1,046.6	1,255.9	1,046.6	31	1,265.5	1,104.2	161.3	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 **2012 California Gas Report** Work Papers (REDACTED version for SoCalGas),
- 26 Southern California Gas Company Tabular Data, pp. 11-13, footnote #6.
- 27 <http://www.socalgas.com/regulatory/documents/cqr/REDACTED%20SoCalGas%207%2025%2012.pdf>
- 28 2/ From the **2012 California Gas Report** Work Papers (REDACTED version for SDG&E),
- 29 San Diego Gas and Electric Company Tabular Data, pp. 12-14, footnote #4.
- 30 <http://www.socalgas.com/regulatory/documents/cqr/Redacted%20SDGE%207%2025%2012.pdf>

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SOUTHERN CALIFORNIA GAS COMPANY

Work Paper: TABLE 1-SCG

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCf/DAY
ESTIMATED FOR YEAR: 2013

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	2,745	2,687	2,384	2,187	1,951	1,978	2,278	2,307	2,224	2,059	2,390	2,876	2,337	9
10	TOTAL SUPPLY TAKEN	3,055	2,997	2,694	2,497	2,261	2,288	2,588	2,617	2,534	2,369	2,700	3,186	2,647	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,055	2,997	2,694	2,497	2,261	2,288	2,588	2,617	2,534	2,369	2,700	3,186	2,647	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,047	974	807	667	464	374	344	343	350	432	719	1,083	632	13
14	Commercial	277	285	227	206	193	183	162	159	176	171	246	285	214	14
15	Industrial	61	68	61	57	55	56	51	52	53	55	62	63	58	15
16	NGV	29	29	31	31	30	31	29	31	32	31	30	29	30	16
17	Subtotal-CORE	1,414	1,356	1,126	961	741	644	586	585	611	690	1,058	1,460	934	17
NONCORE															
18	Commercial	55	54	49	46	41	39	38	41	48	44	46	54	46	18
19	Industrial	381	376	374	375	374	368	376	391	389	372	362	349	374	19
20	EOR Steaming	41	41	41	41	41	41	41	41	41	41	41	41	41	20
21	Electric Generation (EG)	671	662	658	671	716	825	1,072	1,083	970	835	762	715	804	21
22	Subtotal-NONCORE	1,148	1,132	1,122	1,133	1,172	1,273	1,527	1,556	1,448	1,293	1,212	1,159	1,266	22
WHOLESALE & INTERNATIONAL															
23	Core	274	275	226	195	150	124	115	113	118	133	202	282	184	23
24	Noncore Excl. EG	48	48	41	45	42	44	40	38	41	42	40	45	43	24
25	Electric Generation (EG)	134	150	146	133	129	175	289	292	285	182	154	201	190	25
26	Subtotal-WHOLESALE & INT	456	473	413	372	321	343	444	444	444	358	397	528	416	26
27	Co. Use & LUAF	37	36	33	30	27	28	31	32	31	29	33	39	32	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,055	2,997	2,694	2,497	2,261	2,288	2,588	2,617	2,534	2,369	2,700	3,186	2,647	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	37	38	31	27	25	23	21	20	22	23	32	38	28	29
NONCORE															
30	Commercial/Industrial	436	429	424	421	415	407	414	432	437	416	409	403	420	30
31	EOR Steaming	41	41	41	41	41	41	41	41	41	41	41	41	41	31
32	Electric Generation (EG)	671	662	658	671	716	825	1,072	1,083	970	835	762	715	804	32
33	Subtotal-RETAIL	1,185	1,170	1,153	1,161	1,197	1,296	1,548	1,577	1,470	1,315	1,245	1,197	1,294	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	456	473	413	372	321	343	444	444	444	358	397	528	416	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,641	1,643	1,566	1,533	1,518	1,639	1,992	2,020	1,914	1,673	1,641	1,725	1,710	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
- 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: 1,406 1,346 1,118 953 731 633 577 576 601 681 1,047 1,451 925

SOUTHERN CALIFORNIA GAS COMPANY

Work Paper: TABLE 1-SCG

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2014

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	2,739	2,685	2,371	2,190	1,931	1,933	2,223	2,242	2,157	1,992	2,384	2,843	2,306	9
10	TOTAL SUPPLY TAKEN	3,049	2,995	2,681	2,500	2,241	2,243	2,533	2,552	2,467	2,302	2,694	3,153	2,616	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,049	2,995	2,681	2,500	2,241	2,243	2,533	2,552	2,467	2,302	2,694	3,153	2,616	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,039	966	800	662	460	371	341	340	347	429	714	1,074	627	13
14	Commercial	276	283	225	205	191	181	160	156	174	170	244	283	212	14
15	Industrial	60	67	60	56	54	54	49	50	52	54	61	61	56	15
16	NGV	30	30	32	32	32	32	30	32	33	32	31	31	31	16
17	Subtotal-CORE	1,404	1,346	1,117	955	736	639	580	579	606	685	1,050	1,449	927	17
NONCORE															
18	Commercial	53	52	47	44	40	37	37	39	46	43	45	52	45	18
19	Industrial	378	373	372	373	372	366	373	389	386	370	360	347	372	19
20	EOR Steaming	41	41	41	41	41	41	41	41	41	41	41	41	41	20
21	Electric Generation (EG)	680	675	659	685	706	796	1,026	1,024	913	780	761	693	784	21
22	Subtotal-NONCORE	1,152	1,141	1,120	1,143	1,159	1,240	1,477	1,493	1,386	1,234	1,207	1,134	1,241	22
WHOLESALE & INTERNATIONAL															
23	Core	274	275	226	195	150	124	115	113	118	133	203	283	184	23
24	Noncore Excl. EG	48	48	42	45	43	44	41	38	41	42	41	45	43	24
25	Electric Generation (EG)	133	149	144	132	127	169	290	297	285	179	160	204	190	25
26	Subtotal-WHOLESALE & INT	456	472	411	372	319	337	445	448	444	355	404	532	416	26
27	Co. Use & LUAF	37	36	32	30	27	27	31	31	30	28	33	38	32	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,049	2,995	2,681	2,500	2,241	2,243	2,533	2,552	2,467	2,302	2,694	3,153	2,616	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	37	38	30	27	25	23	21	20	22	22	32	38	28	29
NONCORE															
30	Commercial/Industrial	431	425	419	417	411	403	410	428	432	412	405	400	416	30
31	EOR Steaming	41	41	41	41	41	41	41	41	41	41	41	41	41	31
32	Electric Generation (EG)	680	675	659	685	706	796	1,026	1,024	913	780	761	693	784	32
33	Subtotal-RETAIL	1,189	1,178	1,150	1,171	1,184	1,263	1,497	1,514	1,409	1,256	1,239	1,172	1,269	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	456	472	411	372	319	337	445	448	444	355	404	532	416	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,645	1,651	1,561	1,543	1,502	1,601	1,942	1,962	1,853	1,612	1,643	1,704	1,685	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
- 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: 1,396 1,336 1,110 947 726 628 571 570 596 677 1,039 1,440 918

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	2,731	2,679	2,369	2,197	1,927	1,928	2,240	2,241	2,164	2,010	2,349	2,840	2,305	9
10	TOTAL SUPPLY TAKEN	3,041	2,989	2,679	2,507	2,237	2,238	2,550	2,551	2,474	2,320	2,659	3,150	2,615	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,041	2,989	2,679	2,507	2,237	2,238	2,550	2,551	2,474	2,320	2,659	3,150	2,615	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,032	960	795	657	457	369	339	338	345	426	709	1,067	623	13
14	Commercial	275	282	224	204	191	180	159	155	174	169	243	282	211	14
15	Industrial	59	66	59	55	53	54	49	50	51	54	60	60	56	15
16	NGV	31	31	34	33	33	34	31	33	34	33	32	32	33	16
17	Subtotal-CORE	1,397	1,339	1,112	950	733	636	578	576	604	682	1,045	1,441	922	17
NONCORE															
18	Commercial	51	50	45	42	38	36	35	38	44	41	43	50	43	18
19	Industrial	375	370	369	370	368	363	370	385	383	367	357	344	368	19
20	EOR Steaming	41	41	41	41	41	41	41	41	41	41	41	41	41	20
21	Electric Generation (EG)	681	679	666	697	708	796	1,047	1,029	924	804	740	699	790	21
22	Subtotal-NONCORE	1,147	1,139	1,121	1,150	1,156	1,236	1,494	1,493	1,392	1,253	1,181	1,135	1,242	22
WHOLESALE & INTERNATIONAL															
23	Core	274	275	226	195	150	124	115	113	118	133	203	283	184	23
24	Noncore Excl. EG	49	49	42	46	43	44	41	39	42	43	41	46	44	24
25	Electric Generation (EG)	136	151	146	136	129	170	292	298	288	181	157	207	191	25
26	Subtotal-WHOLESALE & INT	459	475	415	376	322	339	447	450	448	357	401	536	419	26
27	Co. Use & LUAF	37	36	32	30	27	27	31	31	30	28	32	38	32	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,041	2,989	2,679	2,507	2,237	2,238	2,550	2,551	2,474	2,320	2,659	3,150	2,615	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	37	38	30	27	25	23	20	20	22	22	32	38	28	29
NONCORE															
30	Commercial/Industrial	426	419	414	412	407	398	406	423	427	407	400	395	411	30
31	EOR Steaming	41	41	41	41	41	41	41	41	41	41	41	41	41	31
32	Electric Generation (EG)	681	679	666	697	708	796	1,047	1,029	924	804	740	699	790	32
33	Subtotal-RETAIL	1,184	1,177	1,151	1,178	1,180	1,259	1,514	1,514	1,414	1,275	1,213	1,172	1,270	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	459	475	415	376	322	339	447	450	448	357	401	536	419	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,644	1,651	1,566	1,554	1,502	1,598	1,961	1,964	1,862	1,632	1,614	1,708	1,689	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
- 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: 1,388 1,329 1,104 942 723 626 569 568 594 674 1,034 1,433 913

SAN DIEGO GAS & ELECTRIC COMPANY

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2013**

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	341	346	306	289	252	280	375	373	371	280	301	408	327	5
6	TOTAL SUPPLY TAKEN	341	346	306	289	252	280	375	373	371	280	301	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	341	346	306	289	252	280	375	373	371	280	301	408	326	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	139	133	115	95	68	53	49	48	49	58	97	145	87	10
11	Commercial	56	61	48	47	41	38	36	34	37	37	49	55	45	11
12	Industrial	5	5	4	4	4	4	3	3	3	3	4	5	4	12
13	NGV	3	3	3	3	3	3	3	3	3	3	3	3	3	13
14	Subtotal-CORE	203	202	170	150	117	99	91	89	93	102	153	208	139	14
15															15
16															16
17	NONCORE Subtotal-NONCORE	133	139	132	136	132	178	279	279	273	174	144	194	183	17
18	Co. Use & LUAF	5	5	4	4	3	4	5	5	5	4	4	6	4	18
19	SYSTEM TOTAL THROUGHPUT	341	346	306	289	252	280	375	373	371	280	301	408	326	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	11	12	9	10	8	8	8	7	8	8	10	11	9	20
21															21
22	NONCORE All End Uses	133	139	132	136	132	178	279	279	273	174	144	194	183	22
23	TOTAL TRANSPORTATION & EXCHANGE	144	151	141	145	141	186	287	286	281	182	154	205	192	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 2010 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:

194	192	163	142	109	91	84	82	86	95	145	199	131
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SAN DIEGO GAS & ELECTRIC COMPANY

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2014**

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	340	344	303	288	249	274	375	377	371	276	306	411	326	5
6	TOTAL SUPPLY TAKEN	340	344	303	288	249	274	375	377	371	276	306	411	326	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	340	344	303	288	249	274	375	377	371	276	306	411	326	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	139	133	115	95	68	53	49	48	49	58	97	145	87	10
11	Commercial	55	60	47	46	41	38	35	33	37	37	48	54	44	11
12	Industrial	5	5	4	4	4	4	3	3	3	3	4	5	4	12
13	NGV	3	3	3	3	3	3	3	3	3	3	3	3	3	13
14	Subtotal-CORE	202	201	170	149	116	98	90	88	92	101	152	207	138	14
15															15
16															16
17	NONCORE Subtotal-NONCORE	133	137	130	135	130	172	280	284	274	171	150	198	183	17
18	Co. Use & LUAF	5	5	4	4	3	4	5	5	5	4	4	6	4	18
19	SYSTEM TOTAL THROUGHPUT	340	344	303	288	249	274	375	377	371	276	306	411	326	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	11	12	9	9	8	8	8	7	8	8	10	11	9	20
21	NONCORE All End Uses	133	137	130	135	130	172	280	284	274	171	150	198	183	21
22	TOTAL TRANSPORTATION & EXCHANGE	143	149	139	145	139	180	287	291	282	179	160	208	192	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 2010 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:

193	191	162	141	109	91	83	82	85	94	144	199	131
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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	341	345	305	291	251	274	376	378	373	277	302	413	326	5
6	TOTAL SUPPLY TAKEN	341	345	305	291	251	274	376	378	373	277	302	413	326	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	341	345	305	291	251	274	376	378	373	277	302	413	327	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	140	133	115	95	68	53	49	48	49	58	97	145	87	10
11	Commercial	54	59	46	46	40	37	34	33	36	36	47	53	43	11
12	Industrial	5	5	4	4	4	4	3	3	3	3	4	5	4	12
13	NGV	3	3	3	3	3	3	3	3	3	3	4	3	3	13
13	Subtotal-CORE	201	200	169	148	115	97	89	88	92	101	151	206	138	13
14															14
15															15
16															16
17	NONCORE Subtotal-NONCORE	135	139	132	139	133	173	282	285	277	172	147	201	185	17
18	Co. Use & LUAF	5	5	4	4	3	4	5	5	5	4	4	6	4	18
19	SYSTEM TOTAL THROUGHPUT	341	345	305	291	251	274	376	378	373	277	302	413	327	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	10	12	9	9	8	8	7	7	8	8	10	11	9	20
21	NONCORE All End Uses	135	139	132	139	133	173	282	285	277	172	147	201	185	21
22	TOTAL TRANSPORTATION & EXCHANGE	146	151	142	148	141	181	289	292	285	180	156	211	194	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 2010 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:

192	191	161	140	108	90	83	81	85	94	143	198	130
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