

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



Southern California Gas Company
GAS (Corp ID 904)
Status of Advice Letter 5699G
As of October 29, 2020

Subject: Updates to SoCalGas' Capacity Planning Ranges Based on the 2020 California Gas Report.

Division Assigned: Energy

Date Filed: 09-28-2020

Date to Calendar: 10-02-2020

Authorizing Documents: D0409022

Disposition:	Accepted
Effective Date:	10-28-2020

Resolution Required: No

Resolution Number: None

Commission Meeting Date: None

CPUC Contact Information:

edtariffunit@cpuc.ca.gov

AL Certificate Contact Information:

Ray Ortiz

213-244-3837

ROrtiz@socalgas.com

PUBLIC UTILITIES COMMISSION
505 Van Ness Avenue
San Francisco CA 94102-3298



To: Energy Company Filing Advice Letter

From: Energy Division PAL Coordinator

Subject: Your Advice Letter Filing

The Energy Division of the California Public Utilities Commission has processed your recent Advice Letter (AL) filing and is returning an AL status certificate for your records.

The AL status certificate indicates:

- Advice Letter Number
- Name of Filer
- CPUC Corporate ID number of Filer
- Subject of Filing
- Date Filed
- Disposition of Filing (Accepted, Rejected, Withdrawn, etc.)
- Effective Date of Filing
- Other Miscellaneous Information (e.g., Resolution, if applicable, etc.)

The Energy Division has made no changes to your copy of the Advice Letter Filing; please review your Advice Letter Filing with the information contained in the AL status certificate, and update your Advice Letter and tariff records accordingly.

All inquiries to the California Public Utilities Commission on the status of your Advice Letter Filing will be answered by Energy Division staff based on the information contained in the Energy Division's PAL database from which the AL status certificate is generated. If you have any questions on this matter please contact the:

Energy Division's Tariff Unit by e-mail to
edtariffunit@cpuc.ca.gov



Ronald van der Leeden
Director
Regulatory Affairs

555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011
Tel: 213.244.2009
Fax: 213.244.4957
RvanderLeeden@socalgas.com

September 28, 2020

Advice No. 5699
(U 904 G)

Public Utilities Commission of the State of California

Subject: Updates to SoCalGas' Capacity Planning Ranges Based on the 2020 California Gas Report

Purpose

This submission requests approval by the California Public Utilities Commission (Commission or CPUC) 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 5254.

Background

In D.04-09-022, the Commission approved capacity contracting procedures for SoCalGas. Pursuant to the capacity contracting procedures approved in D.04-09-022, modified by AL 3969, and most recently extended by AL 5254, 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) 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

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

will either be from the latest filed BCAP or the latest California Gas Report (CGR), if the BCAP is more than 12 months old.”²

Updated Capacity Planning Ranges

The combined portfolio capacity planning ranges are being updated based on the 2020 CGR for Gas Cost Incentive Mechanism (GCIM) Year 28 and GCIM Year 29, as summarized in the table below:

GCIM Year	Season	Updated Minimum Capacity Value	Updated Maximum Capacity Value
GCIM Year 28 (April 1, 2021 to March 31, 2022)	Non-Winter April 2021 to Oct 2021	912 MDth/d	1,216 MDth/d
	Winter Nov 2021 to Mar 2022	1,013 MDth/d	1,216 MDth/d
GCIM Year 29 (April 1, 2022 to March 31, 2023)	Non-Winter April 2022 to Oct 2022	905 MDth/d	1,207 MDth/d
	Winter Nov 2022 to Mar 2023	1,006 MDth/d	1,207 MDth/d

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 2020 CGR. Attachment A includes SoCalGas’ Combined Portfolio Calculations and Workpapers supporting the updated capacity planning ranges.

This AL 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 AL 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 AL, which is October 18, 2020. 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

² D.04-09-022 at p. 29. Pursuant to D.09-11-006, SoCalGas now submits cost allocation proceedings every three years rather than every two.

Copies of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). Due to the COVID-19 pandemic and the shelter at home orders, SoCalGas is currently unable to receive protests or comments to this AL via U.S. mail or fax. Please submit protests or comments to this AL via e-mail to the address shown below on the same date it is mailed or e-mailed to the Commission.

Attn: Ray B. Ortiz
Tariff Manager – GT14D6
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No.: (213) 244-4957
E-mail: ROrtiz@socalgas.com

Effective Date

SoCalGas believes that this submittal is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to General Order (GO) 96-B. Therefore, SoCalGas respectfully requests that this compliance submittal become effective on October 28, 2020, which is 30 calendar days after the date submitted.

Notice

A copy of this AL is being sent to SoCalGas' 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 service list should be directed by e-mail to tariffs@socalgas.com or call 213-244-2837. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or by e-mail at Process_Office@cpuc.ca.gov.

/s/ Ronald van der Leeden
Ronald van der Leeden
Director - Regulatory Affairs

Attachments



ADVICE LETTER SUMMARY

ENERGY UTILITY



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

Company name/CPUC Utility No.:

Utility type:

ELC GAS WATER
 PLC HEAT

Contact Person:

Phone #:
E-mail:
E-mail Disposition Notice to:

EXPLANATION OF UTILITY TYPE

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

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #:

Tier Designation:

Subject of AL:

Keywords (choose from CPUC listing):

AL Type: Monthly Quarterly Annual One-Time Other:

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

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL:

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? Yes No

Requested effective date:

No. of tariff sheets:

Estimated system annual revenue effect (%):

Estimated system average rate effect (%):

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:

Service affected and changes proposed¹:

Pending advice letters that revise the same tariff sheets:

¹Discuss in AL if more space is needed.

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

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

Name:
Title:
Utility Name:
Address:
City:
State: Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Name:
Title:
Utility Name:
Address:
City:
State: Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

ATTACHMENT A

Advice No. 5699

**SoCalGas' Combined Portfolio Calculations
and Workpapers based on the 2020 California Gas Report**

Capacity Planning Ranges Based on
The **2020 California Gas Report**

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

Line	Cal Year/ Month	GCIM-Year (2)	Winter/ Nonwinter (3)	"Low"	"High"	12-Month	Days per Month	SoCalGas +			GCIM-28 (11)	GCIM-29 (12)	Line
				Capacity Value ^{1/} (MDth/d)	Capacity Value ^{2/} (MDth/d)	Avg. Dly. Dmd. For GCIM Year ^{3/} (6)		SDG&E (2020 CGR)	SoCalGas (2020 CGR) ^{1/}	SDG&E (2020 CGR) ^{2/}			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1	Apr-21	GCIM-28	Non-Win	911.9	1,215.9	1,013.3	30	1,075.1	933.6	141.5	1	0	1
2	May-21	GCIM-28	Non-Win	911.9	1,215.9	1,013.3	31	800.4	693.4	107.0	1	0	2
3	Jun-21	GCIM-28	Non-Win	911.9	1,215.9	1,013.3	30	680.5	589.9	90.5	1	0	3
4	Jul-21	GCIM-28	Non-Win	911.9	1,215.9	1,013.3	31	637.3	553.3	84.0	1	0	4
5	Aug-21	GCIM-28	Non-Win	911.9	1,215.9	1,013.3	31	637.3	553.8	83.5	1	0	5
6	Sep-21	GCIM-28	Non-Win	911.9	1,215.9	1,013.3	30	655.6	570.4	85.3	1	0	6
7	Oct-21	GCIM-28	Non-Win	911.9	1,215.9	1,013.3	31	744.6	650.4	94.1	1	0	7
8	Nov-21	GCIM-28	Win	1,013.3	1,215.9	1,013.3	30	1,116.5	976.9	139.5	1	0	8
9	Dec-21	GCIM-28	Win	1,013.3	1,215.9	1,013.3	31	1,600.9	1,401.5	199.4	1	0	9
10	Jan-22	GCIM-28	Win	1,013.3	1,215.9	1,013.3	31	1,527.6	1,333.2	194.3	1	0	10
11	Feb-22	GCIM-28	Win	1,013.3	1,215.9	1,013.3	28	1,502.1	1,309.8	192.2	1	0	11
12	Mar-22	GCIM-28	Win	1,013.3	1,215.9	1,013.3	31	1,211.7	1,051.0	160.7	1	0	12
13	Apr-22	GCIM-29	Non-Win	905.1	1,206.8	1,005.6	30	1,069.0	927.9	141.1	0	1	13
14	May-22	GCIM-29	Non-Win	905.1	1,206.8	1,005.6	31	796.8	690.1	106.8	0	1	14
15	Jun-22	GCIM-29	Non-Win	905.1	1,206.8	1,005.6	30	678.2	587.9	90.3	0	1	15
16	Jul-22	GCIM-29	Non-Win	905.1	1,206.8	1,005.6	31	635.3	551.5	83.8	0	1	16
17	Aug-22	GCIM-29	Non-Win	905.1	1,206.8	1,005.6	31	635.3	552.0	83.3	0	1	17
18	Sep-22	GCIM-29	Non-Win	905.1	1,206.8	1,005.6	30	653.7	568.6	85.1	0	1	18
19	Oct-22	GCIM-29	Non-Win	905.1	1,206.8	1,005.6	31	741.6	647.7	93.9	0	1	19
20	Nov-22	GCIM-29	Win	1,005.6	1,206.8	1,005.6	30	1,109.9	970.8	139.2	0	1	20
21	Dec-22	GCIM-29	Win	1,005.6	1,206.8	1,005.6	31	1,589.3	1,390.5	198.8	0	1	21
22	Jan-23	GCIM-29	Win	1,005.6	1,206.8	1,005.6	31	1,508.3	1,315.5	192.8	0	1	22
23	Feb-23	GCIM-29	Win	1,005.6	1,206.8	1,005.6	28	1,483.1	1,292.4	190.7	0	1	23
24	Mar-23	GCIM-29	Win	1,005.6	1,206.8	1,005.6	31	1,196.7	1,037.2	159.5	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 No. 3969 (March 2, 2009);
- 29 with CPUC Approval (April 3, 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 No. 3969 (March 2, 2009);
- 33 with CPUC Approval (April 3, 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 **2020 California Gas Report** Work Papers (REDACTED version for SoCalGas),
- 26 Southern California Gas Company Tabular Data, pp. 13-15, footnote #8.
- 27 <https://www.socalgas.com/regulatory/cgr.shtml>
- 28 2/ From the **2020 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 <https://www.socalgas.com/regulatory/cgr.shtml>
- 31
- 32
- 33
- 34
- 35
- 36

SOUTHERN CALIFORNIA GAS COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2021

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)	60	60	60	60	60	60	60	60	60	60	60	60	60	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/	990	990	990	990	990	990	990	990	990	990	990	990	990	5
6	Total Out-of-State Gas	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	6
7	TOTAL CAPACITY AVAILABLE 4/	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	7
GAS SUPPLY TAKEN															
8	California Source Gas 5/	63	63	63	63	63	63	63	63	63	63	63	63	63	8
9	Out-of-State	2,839	2,839	2,339	2,131	1,806	1,767	2,162	2,503	2,393	2,216	2,534	3,095	2,384	9
10	TOTAL SUPPLY TAKEN	2,902	2,902	2,402	2,194	1,869	1,830	2,225	2,566	2,456	2,279	2,597	3,158	2,447	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT 6/	2,902	2,902	2,402	2,194	1,869	1,830	2,225	2,566	2,456	2,279	2,597	3,158	2,447	12
REQUIREMENTS FORECAST BY END-USE 7/															
13	CORE 8/														
	Residential	1,020	983	775	663	464	370	344	343	350	422	699	1,071	624	13
14	Commercial	268	278	228	215	179	170	162	162	168	172	222	276	208	14
15	Industrial	55	59	54	54	48	49	46	46	50	52	55	53	52	15
16	NGV	41	42	41	44	44	42	43	44	45	46	42	41	43	16
17	Subtotal-CORE	1,383	1,362	1,098	976	734	630	594	595	613	693	1,018	1,441	926	17
18	NONCORE														
	Commercial	61	61	56	52	46	42	39	42	51	46	52	62	51	18
19	Industrial	382	380	381	384	393	385	387	393	394	393	383	375	386	19
20	EOR Steaming	32	32	32	32	32	32	32	32	32	32	32	32	32	20
21	Electric Generation (EG)	591	598	469	442	407	490	805	1,072	962	737	690	735	667	21
22	Subtotal-NONCORE	1,066	1,071	937	910	879	950	1,264	1,539	1,440	1,209	1,158	1,204	1,136	22
23	WHOLESALE & INTERNATIONAL														
	Core	280	277	228	197	151	131	122	121	126	139	205	286	188	23
24	Noncore Excl. EG	53	55	52	52	51	52	50	53	54	53	55	54	53	24
25	Electric Generation (EG)	83	100	57	32	30	44	168	226	193	156	128	133	113	25
26	Subtotal-WHOLESALE & INT	415	432	337	281	232	227	340	400	373	348	388	473	353	26
27	Co. Use & LUAF	37	37	30	28	24	23	28	32	31	29	33	40	31	27
28	SYSTEM TOTAL THROUGHPUT 6/	2,902	2,902	2,402	2,194	1,869	1,830	2,225	2,566	2,456	2,279	2,597	3,158	2,447	28
TRANSPORTATION AND EXCHANGE															
29	CORE														
	All End Uses	84	85	74	72	63	60	58	59	61	64	73	85	70	29
30	NONCORE														
	Commercial/Industrial	443	441	436	436	439	427	426	435	445	440	436	437	437	30
31	EOR Steaming	32	32	32	32	32	32	32	32	32	32	32	32	32	31
32	Electric Generation (EG)	591	598	469	442	407	490	805	1,072	962	737	690	735	667	32
33	Subtotal-RETAIL	1,150	1,156	1,011	982	942	1,009	1,322	1,598	1,501	1,272	1,231	1,290	1,206	33
34	WHOLESALE & INTERNATIONAL														
	All End Uses	415	432	337	281	232	227	340	400	373	348	388	473	353	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,565	1,589	1,348	1,263	1,174	1,236	1,662	1,999	1,874	1,621	1,618	1,762	1,560	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/ Represents the outlook for firm receipt capacities at the time of publication; subject to change over the span of the CGR timeframe.

5/ Average 2019 recorded California Source Gas; production less than capacity due to reservoir performance and economics.

6/ Excludes own-source gas supply of 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 gas procurement by the City of Long Beach

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

8/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d: 1,344 1,319 1,058 934 693 590 553 554 570 650 977 1,402 885

SOUTHERN CALIFORNIA GAS COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2022

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)	60	60	60	60	60	60	60	60	60	60	60	60	60	1
2	California Coastal Zone (California Producers) Out-of-State Gas	150	150	150	150	150	150	150	150	150	150	150	150	150	2
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/	990	990	990	990	990	990	990	990	990	990	990	990	990	5
6	Total Out-of-State Gas	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	2,965	6
7	TOTAL CAPACITY AVAILABLE 4/	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	3,175	7
GAS SUPPLY TAKEN															
8	California Source Gas 5/	63	63	63	63	63	63	63	63	63	63	63	63	63	8
9	Out-of-State	2,893	2,870	2,334	2,115	1,798	1,746	2,179	2,519	2,405	2,183	2,596	3,117	2,394	9
10	TOTAL SUPPLY TAKEN	2,956	2,933	2,397	2,178	1,861	1,809	2,242	2,582	2,468	2,246	2,659	3,180	2,457	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT 6/	2,956	2,933	2,397	2,178	1,861	1,809	2,242	2,582	2,468	2,246	2,659	3,180	2,457	12
REQUIREMENTS FORECAST BY END-USE 7/															
13	CORE 8/														
14	Residential	1,004	968	764	653	457	364	338	338	345	416	688	1,054	614	13
15	Commercial	274	284	233	220	183	174	165	166	172	176	227	283	213	14
16	Industrial	55	59	54	54	48	49	46	46	50	52	55	53	52	15
17	NGV	42	42	42	45	44	42	43	45	45	47	43	42	43	16
17	Subtotal-CORE	1,374	1,354	1,092	971	732	629	593	594	612	691	1,013	1,432	922	17
18	NONCORE														
19	Commercial	61	61	56	53	46	43	40	42	51	47	53	62	51	18
20	Industrial	385	383	384	387	397	389	390	397	398	397	387	378	389	19
21	EOR Steaming	32	32	32	32	32	32	32	32	32	32	32	32	32	20
22	Electric Generation (EG)	613	629	477	424	397	470	820	1,093	977	722	753	759	679	21
22	Subtotal-NONCORE	1,092	1,106	949	896	873	934	1,282	1,565	1,459	1,199	1,225	1,232	1,152	22
23	WHOLESALE & INTERNATIONAL														
24	Core	280	277	228	198	151	131	122	121	126	139	205	286	188	23
25	Noncore Excl. EG	53	56	53	52	51	52	51	53	55	54	55	54	53	24
26	Electric Generation (EG)	119	103	45	33	31	41	167	215	185	136	126	136	112	25
26	Subtotal-WHOLESALE & INTI	452	436	326	283	233	224	339	390	366	329	387	477	353	26
27	Co. Use & LUAF	37	37	30	27	23	23	28	33	31	28	34	40	31	27
28	SYSTEM TOTAL THROUGHPUT 6/	2,956	2,933	2,397	2,178	1,861	1,809	2,242	2,582	2,468	2,246	2,659	3,180	2,457	28
TRANSPORTATION AND EXCHANGE															
29	CORE														
30	All End Uses	85	86	75	73	64	61	59	60	62	65	74	87	71	29
31	NONCORE														
32	Commercial/Industrial	447	444	440	440	444	431	430	439	449	444	440	441	441	30
33	EOR Steaming	32	32	32	32	32	32	32	32	32	32	32	32	32	31
34	Electric Generation (EG)	613	629	477	424	397	470	820	1,093	977	722	753	759	679	32
33	Subtotal-RETAIL	1,177	1,192	1,024	970	937	994	1,342	1,625	1,521	1,263	1,299	1,318	1,222	33
34	WHOLESALE & INTERNATIONAL														
35	All End Uses	452	436	326	283	233	224	339	390	366	329	387	477	353	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,629	1,628	1,350	1,253	1,171	1,218	1,681	2,015	1,886	1,592	1,686	1,795	1,575	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/ Represents the outlook for firm receipt capacities at the time of publication; subject to change over the span of the CGR timeframe.
- 5/ Average 2019 recorded California Source Gas; production less than capacity due to reservoir performance and economics.
- 6/ Excludes own-source gas supply of 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1
- gas procurement by the City of Long Beach
- 7/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.
- 8/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d: 1,333 1,310 1,051 928 690 588 551 552 569 648 971 1,391 880

SOUTHERN CALIFORNIA GAS COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2023

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)	60	60	60	60	60	60	60	60	60	60	60	60	60	1
2	California Coastal Zone (California Producers) Out-of-State Gas	150	150	150	150	150	150	150	150	150	150	150	150	150	2
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/	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	5
6	Total Out-of-State Gas	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	6
7	TOTAL CAPACITY AVAILABLE 4/	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	3,435	7
GAS SUPPLY TAKEN															
8	California Source Gas 5/	63	63	63	63	63	63	63	63	63	63	63	63	63	8
9	Out-of-State	2,816	2,774	2,304	2,094	1,814	1,769	2,135	2,486	2,316	2,183	2,568	3,053	2,358	9
10	TOTAL SUPPLY TAKEN	2,879	2,837	2,367	2,157	1,877	1,832	2,198	2,549	2,379	2,246	2,631	3,116	2,421	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT 6/	2,879	2,837	2,367	2,157	1,877	1,832	2,198	2,549	2,379	2,246	2,631	3,116	2,421	12
REQUIREMENTS FORECAST BY END-USE 7/															
13	CORE 8/														
14	Residential	990	955	753	644	451	359	334	333	340	410	678	1,040	605	13
15	Commercial	270	280	230	217	180	172	163	164	169	174	224	279	210	14
16	Industrial	55	59	53	53	48	49	45	45	50	52	55	52	51	15
17	NGV	42	43	42	45	45	43	44	46	46	48	43	42	44	16
17	Subtotal-CORE	1,357	1,336	1,078	959	723	622	586	588	605	683	1,001	1,413	911	17
18	NONCORE														
19	Commercial	62	62	56	53	47	43	40	43	51	47	53	63	52	18
20	Industrial	388	385	386	389	399	390	392	399	400	399	389	380	391	19
21	EOR Steaming	32	32	32	32	32	32	32	32	32	32	32	32	32	20
22	Electric Generation (EG)	578	572	456	414	417	497	791	1,071	908	728	726	719	657	21
22	Subtotal-NONCORE	1,060	1,051	930	888	895	963	1,256	1,544	1,392	1,206	1,200	1,194	1,132	22
23	WHOLESALE & INTERNATIONAL														
24	Core	279	276	227	197	151	131	122	121	126	139	205	285	188	23
25	Noncore Excl. EG	54	56	53	52	52	52	51	54	55	54	55	54	54	24
26	Electric Generation (EG)	94	81	48	33	32	41	155	210	171	136	137	130	106	25
26	Subtotal-WHOLESALE & INTI	426	413	328	283	235	224	328	385	352	329	398	470	347	26
27	Co. Use & LUAF	36	36	30	27	24	23	28	32	30	28	33	39	31	27
28	SYSTEM TOTAL THROUGHPUT 6/	2,879	2,837	2,367	2,157	1,877	1,832	2,198	2,549	2,379	2,246	2,631	3,116	2,421	28
TRANSPORTATION AND EXCHANGE															
29	CORE														
30	All End Uses	84	86	75	73	64	60	59	60	62	65	74	86	71	29
31	NONCORE														
32	Commercial/Industrial	449	447	442	442	446	433	432	441	452	446	442	443	443	30
33	EOR Steaming	32	32	32	32	32	32	32	32	32	32	32	32	32	31
34	Electric Generation (EG)	578	572	456	414	417	497	791	1,071	908	728	726	719	657	32
35	Subtotal-RETAIL	1,144	1,137	1,005	962	959	1,023	1,315	1,604	1,454	1,271	1,274	1,280	1,203	33
34	WHOLESALE & INTERNATIONAL														
35	All End Uses	426	413	328	283	235	224	328	385	352	329	398	470	347	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,570	1,550	1,333	1,244	1,194	1,247	1,643	1,989	1,806	1,599	1,671	1,750	1,550	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/ Represents the outlook for firm receipt capacities at the time of publication; subject to change over the span of the CGR timeframe.
- 5/ Average 2019 recorded California Source Gas; production less than capacity due to reservoir performance and economics.
- 6/ Excludes own-source gas supply of 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1
- gas procurement by the City of Long Beach
- 7/ Requirement forecast by end-use includes sales, transportation, and exchange volumes.
- 8/ Core end-use demand exclusive of core aggregation transportation (CAT) in MDth/d: 1,315 1,292 1,037 916 681 581 545 545 562 640 958 1,372 868

SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2021

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/	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	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	286	302	227	186	149	145	251	310	281	253	273	339	251	5
6	TOTAL SUPPLY TAKEN	286	302	227	186	149	145	251	310	281	253	273	339	251	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	286	302	227	186	149	145	251	310	281	253	273	339	250	8
REQUIREMENTS FORECAST BY END-USE 3/															
9	CORE 4/ Residential	134	129	107	91	65	51	47	47	47	55	90	137	83	9
10	Commercial	62	65	54	51	42	39	36	36	38	39	50	63	48	10
11	Industrial	4	4	4	4	3	4	3	3	3	3	4	4	4	11
12	NGV	5	6	5	6	6	6	6	6	6	6	6	6	6	12
13	Subtotal-CORE	205	204	171	151	116	100	92	92	94	103	150	210	140	13
14	NONCORE Commercial	6	6	6	6	6	6	6	6	6	6	6	6	6	14
15	Industrial	6	6	6	6	6	6	6	6	6	6	6	6	6	15
16	Electric Generation (EG)	67	82	42	21	21	32	145	203	172	136	109	114	96	16
17	Subtotal-NONCORE	79	95	54	33	32	45	157	215	184	148	121	126	108	17
18	Co. Use & LUAF	2	3	2	2	1	1	2	3	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	286	302	227	186	149	145	251	310	281	253	273	339	250	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	17	17	15	14	12	12	11	11	12	12	14	17	14	20
21	NONCORE Commercial/Industrial	11	13	12	12	12	12	12	12	12	12	12	12	12	21
22	Electric Generation (EG)	67	82	42	21	21	32	145	203	172	136	109	114	96	22
23	TOTAL TRANSPORTATION & EXCHANGE	95	112	69	47	45	56	168	226	196	160	135	142	121	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/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2020 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

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:

195	193	161	142	107	91	84	84	85	94	140	199	131
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2022

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/	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	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	320	307	216	188	151	143	251	298	275	234	272	342	250	5
6	TOTAL SUPPLY TAKEN	320	307	216	188	151	143	251	298	275	234	272	342	250	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	320	307	216	188	151	143	251	298	275	234	272	342	249	8
REQUIREMENTS FORECAST BY END-USE 3/															
9	CORE 4/ Residential	133	129	107	91	65	51	47	47	47	55	89	137	83	9
10	Commercial	62	65	54	51	42	39	36	36	38	39	50	63	48	10
11	Industrial	4	4	4	4	3	4	3	3	3	3	4	4	4	11
12	NGV	5	6	5	6	6	6	6	6	6	6	6	6	6	12
13	Subtotal-CORE	205	204	171	151	116	100	92	92	94	103	150	210	140	13
14	NONCORE Commercial	6	7	6	6	6	6	6	6	6	6	6	6	6	14
15	Industrial	6	7	6	6	6	6	6	6	6	6	6	6	6	15
16	Electric Generation (EG)	101	86	31	23	22	30	144	192	166	117	108	117	95	16
17	Subtotal-NONCORE	112	100	43	35	34	43	156	204	178	129	120	130	107	17
18	Co. Use & LUAF	3	3	2	2	1	1	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	320	307	216	188	151	143	251	298	275	234	272	342	249	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	17	18	15	15	12	12	11	11	12	12	15	17	14	20
21	NONCORE Commercial/Industrial	12	13	12	12	12	13	12	12	13	12	13	12	12	21
22	Electric Generation (EG)	101	86	31	23	22	30	144	192	166	117	108	117	95	22
23	TOTAL TRANSPORTATION & EXCHANGE	129	117	58	50	46	55	168	216	190	141	135	147	121	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/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2020 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

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	161	141	107	90	84	83	85	94	139	199	130
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SAN DIEGO GAS & ELECTRIC COMPANY

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2023

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/	574	574	574	574	574	574	574	574	574	574	574	574	574	2
3	TOTAL CAPACITY AVAILABLE	574	574	574	574	574	574	574	574	574	574	574	574	574	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	294	281	218	187	151	142	241	294	259	233	284	334	243	5
6	TOTAL SUPPLY TAKEN	294	281	218	187	151	142	241	294	259	233	284	334	243	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	294	281	218	187	151	142	241	294	259	233	284	334	243	8
REQUIREMENTS FORECAST BY END-USE 3/															
9	CORE 4/ Residential	132	128	106	90	64	50	46	46	46	54	88	135	82	9
10	Commercial	62	64	54	50	42	39	36	36	38	39	50	63	48	10
11	Industrial	4	4	4	4	3	4	3	3	3	3	4	4	4	11
12	NGV	6	6	6	6	6	6	6	6	7	6	7	6	6	12
13	Subtotal-CORE	204	203	170	150	115	99	92	92	94	102	149	208	139	13
14	NONCORE Commercial	6	7	6	6	6	6	6	6	6	6	7	6	6	14
15	Industrial	6	7	6	6	6	6	6	6	6	6	6	6	6	15
16	Electric Generation (EG)	77	63	34	22	23	29	135	188	150	116	121	111	89	16
17	Subtotal-NONCORE	89	76	46	34	35	42	147	200	163	129	134	123	102	17
18	Co. Use & LUAF	2	2	2	2	1	1	2	2	2	2	2	3	2	18
19	SYSTEM TOTAL THROUGHPUT	294	281	218	187	151	142	241	294	259	233	284	334	243	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	17	18	15	15	13	12	11	11	12	12	15	17	14	20
21	NONCORE Commercial/Industrial	12	13	12	13	12	13	12	12	13	12	13	12	12	21
22	Electric Generation (EG)	77	63	34	22	23	29	135	188	150	116	121	111	89	22
23	TOTAL TRANSPORTATION & EXCHANGE	106	94	61	49	47	54	158	212	175	141	149	140	116	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/ Nominal capacity to receive gas from the Southern Zone of SoCalGas is based on current conditions, and is an annual value based on weighting winter and non-winter season values: 574 = (595 winter) x (151/365) + (560 non-winter) x (214/365).

2/ For 2020 and after, assume capacity at same levels. Actual capacity through the CGR timeframe is subject to change.

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	159	140	106	90	83	83	85	93	138	197	130
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ALCANTAR & KAHL, LLP
 MICHAEL P. ALCANTAR
 mpa@a-klaw.com

GOODIN MACBRIDE SQUERI & DAY
 LLP
 JEANNE B. ARMSTRONG
 JArmstrong@GoodinMacBride.com

CALIF PUBLIC UTILITIES COMMISSION
 Wendy Al-Mukdad
 wmp@cpuc.ca.gov

CALIF PUBLIC UTILITIES COMMISSION
 Nilgun Atamturk
 nil@cpuc.ca.gov

SEMPRA ENERGY
 GEORGETTA J. BAKER
 GBaker@SempraUtilities.com

CROSSBORDER ENERGY
 R. THOMAS BEACH
 tomb@crossborderenergy.com

LAW OFFICES OF C. SUSIE BERLIN
 C. SUSIE BERLIN
 Berlin@SusieBerlinLaw.com

BERLINER LAW PLLC
 ROGER BERLINER
 roger@berlinerlawpllc.com

FERRIS & BRITTON
 W. LEE BIDDLE
 lbiddle@ferrisbritton.com

BRIGGS LAW CORPORATION
 CORY J. BRIGGS
 cory@briggslawcorp.com

EXXON MOBIL CORP.
 DANIEL J. BRINK
 daniel.j.brink@exxonmobil.com

BETA CONSULTING
 JOHN BURKHOLDER
 burkee@cts.com

CALIF PUBLIC UTILITIES COMMISSION
 Jonathan Bromson
 jab@cpuc.ca.gov

DOWNEY BRAND, LLP
 DAN L. CARROLL
 dcarroll@downeybrand.com

NATURAL RESOURCES DEFENSE
 COUNCIL
 SHERYL CARTER
 scarter@nrdc.org

COUNTY OF LOS ANGELES
 HOWARD CHOY
 HChoy@isd.lacounty.gov

GOODIN, MACBRIDE, SQUERI, DAY &
 LAMPREY
 BRIAN CRAGG
 BCragg@GoodinMacbride.com

TRANSCANADA PIPELINES LIMITED
 MARGARET CROSSEN
 margaret_crossen@transcanada.com

CALIF PUBLIC UTILITIES COMMISSION
 Eugene Cadenasso
 cpe@cpuc.ca.gov

GOODIN, MACBRIDE, SQUERI, & DAY,
 LLP
 MICHAEL B. DAY
 MDay@GoodinMacBride.com

DOUGLASS & LIDDELL
 DANIEL W. DOUGLASS
 douglass@energyattorney.com

SEMPRA ENERGY
 JOHN R. ELLIS
 JEllis@SempraUtilities.com

KERN RIVER GAS TRANSMISSION
 COMPANY
 PATRICIA FRENCH
 2755 EAST COTTONWOOD PARKWAY,
 SUITE 300
 SALT LAKE CITY, UT 84121

SOUTHWEST GAS CORPORATION
 RANDALL P. GABE
 randy.gabe@swgas.com

ENERGY SERVICES & INVESTMENTS,
 LLC
 WILLIAM S. GARRETT, JR.
 wgarrettesi@aol.com

CALIF. DEPT OF WATER RESOURCES
 JACQUELINE GEORGE
 jgeorge@water.ca.gov

CORAL ENERGY RESOURCES, L.P.
 AMY GOLD
 agold@coral-energy.com

DYNEGY, INC.
 MICHELLE GRANT
 michelle.d.grant@dynegy.com

DISTRIBUTED ENERGY STRATEGIES
 STEVEN A. GREENBERG
 steveng@destrategies.com

CALIF PUBLIC UTILITIES COMMISSION
 Belinda Gatti
 beg@cpuc.ca.gov

THE UTILITY REFORM NETWORK
 MARCEL HAWIGER
 marcel@turn.org

STOEL RIVES LLP
 SETH D. HILTON
 sdhilton@stoel.com

MANATT, PHELPS & PHILLIPS, LLP
 DAVID L. HUARD
 DHuard@manatt.com28

SOUTHERN CALIFORNIA EDISON
 COMPANY
 GLORIA M. ING
 Gloria.Ing@sce.com

ADAMS BROADWELL JOSEPH &
 CARDOZO
 MARC D. JOSEPH
 mdjoseph@adamsbroadwell.com

OFFICE OF STATE SENATOR MARTHA
 ESCUTIA
 BILL JULIAN
 billjulian@sbcglobal.net

ALCANTAR & KAHL, LLP
 EVELYN KAHL
 ek@a-klaw.com

WINSTON & STRAWN LLP
 JOSEPH M. KARP
 jkarp@winston.com

WINSTON & STRAWN LLP
 JOSEPH M. KARP
 JKarp@Winston.com

SHUTE, MIHALY & WEINBERGER LLP
 DEBORAH L. KEETH
 keeth@smwlaw.com

ELLISON, SCHNEIDER & HARRIS, LLP
 DOUGLAS K. KERNER
 dkk@eslawfirm.com

DOUGLASS & LIDDELL
 GREGORY S. G. KLATT
 Klatt@EnergyAttorney.com

PACIFIC GAS AND ELECTRIC
 COMPANY
 KERRY C. KLEIN
 kck5@pge.com

CALPINE CORPORATION
 AVIS KOWALEWSKI
 Avis.Kowalewski@Calpine.com

CALIF PUBLIC UTILITIES COMMISSION
 Sepideh Khosrowjah
 skh@cpuc.ca.gov

DENTONS US LLP
 JOHN W. LESLIE, ESQ
 John.Leslie@Dentons.com

DOUGLASS & LIDDELL
 DONALD C. LIDDELL
 liddell@energyattorney.com

CALIF PUBLIC UTILITIES COMMISSION
 Diana L. Lee
 dil@cpuc.ca.gov

CALIF PUBLIC UTILITIES COMMISSION
 Kelly C. Lee
 kcl@cpuc.ca.gov

CITY OF PALO ALTO
 RAVEEN MAAN
 raveen_maan@city.palo-alto.ca.us

SOUTHERN CALIFORNIA EDISON
 COMPANY
 WALKER A. MATTHEWS, III
 Walker.Matthews@sce.com

PERKINS COIE
 JAMES W. MCTARNAGHAN
 jmctarnaghan@perkinscoie.com

KINDER MORGAN
 MARK MINICH
 mark_minich@kindermorgan.com

SEMPRA ENERGY UTILITIES
 BETH MUSICH
 BMusich@SempraUtilities.com

CALIF PUBLIC UTILITIES COMMISSION
 Harvey Y. Morris
 hym@cpuc.ca.gov

CALIF PUBLIC UTILITIES COMMISSION
 Richard A. Myers
 ram@cpuc.ca.gov

JBS ENERGY, INC.
 JEFF NAHIGIAN
 jeff@jbsenergy.com

CALIFORNIA LEAGUE OF FOOD
 PROCESSORS
 ROB NEENAN
 rob@clfp.com

SEMPRA ENERGY
 STEVEN C. NELSON
 SNelson@Sempra.com

CALIF PUBLIC UTILITIES COMMISSION
 Noel Obiora
 nao@cpuc.ca.gov

CALIFORNIA DEPARTMENT OF
 WATER RESOURCES
 JOHN PACHECO
 jpacheco@water.ca.gov

HANNA AND MORTON, LLP
 NORMAN A. PEDERSEN
 npedersen@hanmor.com

PACIFIC GAS AND ELECTRIC
 COMPANY
 JONATHAN D. PENDLETON
 J1PC@pge.com

ASPEN ENVIRONMENTAL GROUP
 SUSANNE PHINNEY, D.ENV.
 Sphinney@aspeneg.com

CANADIAN ASSN. OF PETROLEUM
 PRODUCERS
 MARK PINNEY
 pinney@capp.ca

ANDERSON & POOLE
 EDWARD G. POOLE
 EPoole@adplaw.com

CALIF PUBLIC UTILITIES COMMISSION
 David Peck
 dbp@cpuc.ca.gov

CALIF PUBLIC UTILITIES COMMISSION
 Robert M. Pocta
 rmp@cpuc.ca.gov

SEMPRA LNG
 WILLIAM D. RAPP
 WRapp@Sempraglobal.com

WESTERN STATES PETROLEUM
 ASSOCIATION
 CATHY REHEIS-BOYD
 creheis@wspa.org

SPURR
 MICHAEL ROCHMAN
 Service@spurr.org

COGENERATION CONTRACT
 SERVICES
 TERI ROHRER
 Teri.Rohrer@dgs.ca.gov

REGULATORY & COGENERATION
 SERVICES, INC.
 JAMES ROSS
 jimross@r-c-s-inc.com

CALIFORNIA MANUFACTURERS &
 TECHNO. ASSN.
 DOROTHY ROTHROCK
 drothrock@cmta.net

CALIF PUBLIC UTILITIES COMMISSION
 Laura J. Rosen
 ljt@cpuc.ca.gov

PACIFIC GAS AND ELECTRIC
 COMPANY
 KEITH T. SAMPSON
 kts1@pge.com

DANIEL P. SELMI
 dselmi@aol.com

HANNA AND MORTON, LLP
 ALANA STEELE
 444 SOUTH FLOWER STREET, SUITE
 1500
 LOS ANGELES, CA 90071-2916

SEMPRA ENERGY
 PAUL SZYMANSKI
 PSzymanski@SempraUtilities.com

SEMPRA ENERGY
 MICHAEL THORP
 MThorp@SempraUtilities.com

ARCLIGHT ENERGY PARTNERS FUND
 I, LP
 JOHN TISDALE
 jtisdale@arclightcapital.com

ELLISON, SCHNEIDER & HARRIS, LLP
 GREGGORY L. WHEATLAND
 glw@eslawfirm.com

SOUTH COAST AIR QUALITY
 MANAGEMENT DISTR
 KURT R. WIESE
 kwiese@aqmd.gov

DEFENSE ENERGY SUPPORT CENTER
 SHYLETHA A. WILLIAMS
 swilliams@desc.dla.mil

CALIF PUBLIC UTILITIES COMMISSION
 John S. Wong
 jsw@cpuc.ca.gov

CALIFORNIA AIR RESOURCES BOARD
 GARY M. YEE
 1001 I STREET, PO BOX 2815
 SACRAMENTO, CA 95812

PACIFIC GAS AND ELECTRIC
 COMPANY
 cpuccases@pge.com