

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



November 29, 2010

Advice Letter 4158

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
2010 California Gas Report**

Dear Ms. Prince:

Advice Letter 4158 is effective November 26, 2010.

Sincerely,

A handwritten signature in blue ink that reads "Julie A. Fitch".

Julie A. Fitch, 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

October 27, 2010

Advice No. 4158
 (U 904 G)

Public Utilities Commission of the State of California

Subject: Updates to SoCalGas' Capacity Planning Ranges Based on the 2010 California Gas Report

In compliance with California Public Utilities Commission (Commission) Decision No. (D.) 04-09-022 and Advice No. (AL) 3969, Southern California Gas Company (SoCalGas) hereby submits for Commission approval this request to update SoCalGas' combined portfolio capacity planning ranges based on the 2010 California Gas Report.

Purpose

This filing requests Commission approval to update SoCalGas' combined portfolio¹ capacity planning ranges in compliance with D.04-09-022 and AL 3969². The combined portfolio capacity planning ranges are being updated³ based on the 2010 California Gas Report for Gas Cost Incentive Mechanism (GCIM) Year 18 and GCIM Year 19:

GCIM Year	Season	Updated Minimum Capacity Value	Updated Maximum Capacity Value
GCIM Year 18 (April 1, 2011 to March 31, 2012)	Non-Winter April 2011 to Oct 2011	947.3 MDth/d	1263.0 MDth/d
	Winter Nov 2011 to Mar 2012	1052.5 MDth/d	1263.0 MDth/d
GCIM Year 19 (April 1, 2012 to March 31, 2013)	Non-Winter April 2012 to Oct 2012	948.0 MDth/d	1264.0 MDth/d
	Winter Nov 2012 to Mar 2013	1053.4 MDth/d	1264.0 MDth/d

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.

³ Pre-update Capacity Planning Ranges based on the 2009 BCAP: for the GCIM Year 18 period, SoCalGas' capacity planning range was 1,112 MDthd – 1,334 MDthd; for the GCIM Year 19 period, SoCalGas' capacity planning range was 1,108 MDthd – 1,330 MDthd.

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 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."⁴

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 2010 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 California Public Utilities 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 received within 20 days of the date this advice letter was filed with the Commission which is November 16, 2010. 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

Copies of the protest should also be sent via e-mail to the attention of Wendy Al-Mukdad (wmp@cpuc.ca.gov), Maria Salinas (mas@cpuc.ca.gov), and Honesto Gatchalian (jnj@cpuc.ca.gov) of the Energy Division. A copy of the protest shall 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.

⁴ D.04-09-022, mimeo., at 29.

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

Attn: Tanya Peacock
Regulatory Case Manager
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No. (213) 244-4957
E-Mail: tpeacock@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 November 26, 2010, 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 to this advice letter, 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 904-G)**

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) #: 4158

Subject of AL: Updates to SoCalGas' Capacity Planning Ranges Based on the
2010 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: 11/26/10

No. of tariff sheets: 0

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: None

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

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

mas@cpuc.ca.gov and jnj@cpuc.ca.gov

Southern California Gas Company

Attention: Sid Newsom

555 West Fifth Street, GT14D6

Los Angeles, CA 90013-1011

snewsom@semprautilities.com

¹ Discuss in AL if more space is needed.

ATTACHMENT A

Advice No. 4158

(See Attached Service Lists)

Alcantar & Kahl
Kari Harteloo
klc@a-klaw.com

Alcantar & Kahl
Seema Srinivasan
sls@a-klaw.com

Alcantar & Kahl LLP
Annie Stange
sas@a-klaw.com

Alcantar & Kahl, LLP
Mike Cade
wmc@a-klaw.com

Barkovich & Yap
Catherine E. Yap
ceyap@earthlink.net

Beta Consulting
John Burkholder
burkee@cts.com

CPUC
Consumer Affairs Branch
505 Van Ness Ave., #2003
San Francisco, CA 94102

CPUC
Pearlie Sabino
pzs@cpuc.ca.gov

CPUC
Energy Rate Design & Econ.
505 Van Ness Ave., Rm. 4002
San Francisco, CA 94102

CPUC - DRA
Galen Dunham
gsd@cpuc.ca.gov

CPUC - DRA
R. Mark Pocta
rmp@cpuc.ca.gov

CPUC - DRA
Jacqueline Greig
jnm@cpuc.ca.gov

California Energy Commission
Randy Roesser
rroesser@energy.state.ca.us

California Energy Market
Lulu Weinzimer
luluw@newsdata.com

Calpine Corp
Avis Clark
aclark@calpine.com

City of Azusa
Light & Power Dept.
215 E. Foothill Blvd.
Azusa, CA 91702

City of Banning
Paul Toor
P. O. Box 998
Banning, CA 92220

City of Burbank
Fred Fletcher/Ronald Davis
164 West Magnolia Blvd., Box 631
Burbank, CA 91503-0631

City of Colton
Thomas K. Clarke
650 N. La Cadena Drive
Colton, CA 92324

City of Long Beach, Gas & Oil Dept.
Chris Garner
2400 East Spring Street
Long Beach, CA 90806

City of Los Angeles
City Attorney
200 North Main Street, 800
Los Angeles, CA 90012

City of Pasadena - Water and Power
Dept.
G Bawa
GBawa@cityofpasadena.net

City of Riverside
Joanne Snowden
jsnowden@riversideca.gov

City of Vernon
Dan Bergmann
dan@igservice.com

Commerce Energy
Blake Lazusso
blasuzzo@commerceenergy.com

Commerce Energy
Catherine Sullivan
csullivan@commerceenergy.com

County of Los Angeles
Stephen Crouch
1100 N. Eastern Ave., Room 300
Los Angeles, CA 90063

Crossborder Energy
Tom Beach
tomb@crossborderenergy.com

DGS
Henry Nanjo
Henry.Nanjo@dgs.ca.gov

Davis Wright Tremaine, LLP
Edward W. O'Neill
505 Montgomery Street, Ste 800
San Francisco, CA 94111

Davis, Wright, Tremaine
Judy Pau
judypau@dwt.com

Dept. of General Services
Celia Torres
celia.torres@dgs.ca.gov

Douglass & Liddell
Donald C. Liddell
liddell@energyattorney.com

Douglass & Liddell
Dan Douglass
douglass@energyattorney.com

Downey, Brand, Seymour & Rohwer
Dan Carroll
dcarroll@downeybrand.com

Dynergy
Mark Mickelson
Mark.Mickelson@dynergy.com

Dynergy - West Generation
Joseph M. Paul
Joe.Paul@dynergy.com

Gas Transmission Northwest
Corporation
Bevin Hong
Bevin_Hong@transcanada.com

General Services Administration
Facilities Management (9PM-FT)
450 Golden Gate Ave.
San Francisco, CA 94102-3611

Goodin, MacBride, Squeri, Ritchie &
Day, LLP
James D. Squeri
jsqueri@gmssr.com

Goodin, MacBride, Squeri, Ritchie &
Day, LLP
J. H. Patrick
hpatrick@gmssr.com

Hanna & Morton
Norman A. Pedersen, Esq.
npedersen@hanmor.com

Iberdrola Renewables Energy Services
Julie Morris
Julie.Morris@iberdrolaren.com

Imperial Irrigation District
K. S. Noller
P. O. Box 937
Imperial, CA 92251

JBS Energy
Jeff Nahigian
jeff@jbsenergy.com

Kern River Gas Transmission Company
Janie Nielsen
Janie.Nielsen@KernRiverGas.com

LA County Metro
Julie Close
closeJ@metro.net

LADWP
Robert Pettinato
Robert.Pettinato@ladwp.com

LADWP
Nevenka Ubavich
nevenka.ubavich@ladwp.com

Law Offices of William H. Booth
William Booth
wbooth@booth-law.com

Megan Lawson
MEHr@PGE.COM

Luce, Forward, Hamilton & Scripps
John Leslie
jleslie@luce.com

MRW & Associates
Robert Weisenmiller
mrw@mrwassoc.com

Manatt Phelps Phillips
Randy Keen
rkeen@manatt.com

Manatt, Phelps & Phillips, LLP
David Huard
dhuard@manatt.com

March Joint Powers Authority
Lori Stone
23555 Meyer Drive,
March Air Reserve Base, CA 92518-
2038

National Utility Service, Inc.
Jim Boyle
One Maynard Drive, P. O. Box 712
Park Ridge, NJ 07656-0712

Navigant Consulting, Inc.
Ray Welch
ray.welch@navigantconsulting.com

PG&E Tariffs
Pacific Gas and Electric
PGETariffs@pge.com

Praxair Inc
Rick Noger
rick_noger@praxair.com

RRI Energy
John Rohrbach
JRohrbach@rrienergy.com

Regulatory & Cogen Services, Inc.
Donald W. Schoenbeck
900 Washington Street, #780
Vancouver, WA 98660

SCE
Karyn Gansecki
karyn.gansecki@sce.com

Safeway, Inc
Cathy Ikeuchi
cathy.ikeuchi@safeway.com

Sierra Pacific Company
Christopher A. Hilien
chilen@sppc.com

Southern California Edison Co
Fileroom Supervisor
2244 Walnut Grove Av, 290, GO1
Rosemead, CA 91770

Southern California Edison Co.
Kevin Cini
Kevin.Cini@SCE.com

Southern California Edison Co.
John Quinlan
john.quinlan@sce.com

Southern California Edison Co.
Colin E. Cushnie
Colin.Cushnie@SCE.com

Southern California Edison Company
Michael Alexander
Michael.Alexander@sce.com

Southwest Gas Corp.
John Hester
P. O. Box 98510
Las Vegas, NV 89193-8510

Suburban Water System
Bob Kelly
1211 E. Center Court Drive
Covina, CA 91724

Sutherland, Asbill & Brennan
Keith McCrea
kmccrea@sablaw.com

TURN
Mike Florio
mflorio@turn.org

TURN
Marcel Hawiger
marcel@turn.org

The Mehle Law Firm PLLC
Colette B. Mehle
cmehle@mehlelaw.com

Western Manufactured Housing
Communities Assoc.
Sheila Day
sheila@wma.org

ALCANTAR & KAHL, LLP
 MICHAEL P. ALCANTAR
 mpa@a-klaw.com

GOODIN MACBRIDE SQUERI RITCHIE
 & DAY LLP
 JEANNE B. ARMSTRONG
 jarmstrong@gmssr.com

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

CALIF PUBLIC UTILITIES COMMISSION
 Joyce Alfton
 alf@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

MC CARTHY & BERLIN, LLP
 SUSIE BERLIN
 sberlin@mccarthyllaw.com

BERLINER LAW PLLC
 ROGER BERLINER
 roger@berlinerlawpllc.com

SOUTHWEST GAS CORPORATION
 ANDY BETTWY
 andy.bettwy@swgas.com

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

LAW OFFICES OF WILLIAM H. BOOTH
 WILLIAM H. BOOTH
 wbooth@booth-law.com

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

ENERGY MINERALS & NATURAL
 RESOURCES DEPT
 DAVID K. BROOKS
 david.brooks@state.nm.us

BETA CONSULTING
 JOHN BURKHOLDER
 burkee@cts.com

TECHNICAL SERVICES MANAGER
 JIM CAMPION
 Jim.Campion@conservation.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.co.la.ca.us

COGENERATION CONTRACT
 SERVICES
 MARSHALL D. CLARK
 Marshall.Clark@dgs.ca.gov

SACRAMENTO MUNICIPAL UTILITY
 DISTRICT
 STEVEN COHN
 scohn@smud.org

GOODIN MACBRIDE SQUERI, DAY &
 LAMPREY
 BRIAN T. CRAGG
 bcragg@goodinmacbride.com

TRANSCANADA PIPELINES LIMITED
 MARGARET CROSSEN
 margaret_crossen@transcanada.com

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

CALIF PUBLIC UTILITIES COMMISSION
 Andrew Campbell
 agc@cpuc.ca.gov

CALIF PUBLIC UTILITIES COMMISSION
 Laurence Chaset
 lau@cpuc.ca.gov

GOODIN MACBRIDE SQUERI DAY &
 LAMPREY LLP
 MICHAEL B. DAY
 mday@goodinmacbride.com

DOUGLASS & LIDDELL
 DANIEL DOUGLASS
 douglass@energyattorney.com

SEMPRA ENERGY
 JOHN R. ELLIS
 JEllis@SempraUtilities.com

CALIF PUBLIC UTILITIES COMMISSION
 Roy Evans
 rle@cpuc.ca.gov

REED SMITH LLP
 MARK FOGELMAN
 mfogelman@reedsmith.com

CALIF PUBLIC UTILITIES COMMISSION
 David K. Fukutome
 dkf@cpuc.ca.gov

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

LATINO ISSUES FORUM
 ENRIQUE GALLARDO
 1918 UNIVERSITY AVE., STE. 3D
 BERKELEY, CA 94704-1051

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

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

SOUTHERN CALIFORNIA GAS
 COMPANY
 DAVID J. GILMORE
 DGilmore@SempraUtilities.com

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

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

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

CALIF PUBLIC UTILITIES COMMISSION
 Jacqueline Greig
 jnm@cpuc.ca.gov

SOUTHWEST GAS CORPORATION
 ANITA HART
 anita.hart@swgas.com

THE UTILITY REFORM NETWORK
 MARCEL HAWIGER
 marcel@turn.org

SIERRA PACIFIC POWER COMPANY
 CHRISTOPHER HILEN
 chilen@sppc.com

STOEL RIVES
 SETH HILTON
 sdhilton@stoel.com

MANATT, PHELPS & PHILLIPS, LLP
 DAVID L. HUARD
 dhuard@manatt.com

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

MANATT PHELPS & PHILLIPS, LLP
 RANDALL W. KEEN
 rkeen@manatt.com

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

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

MODESTO IRRIGATION DISTRICT
 THOMAS S KIMBALL
 tomk@mid.org

DOUGLASS & LIDDELL
 GREGORY KLATT
 klatt@energyattorney.com

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

EL PASO CORPORATION - WESTERN
 PIPELINES
 STEPHEN G. KOERNER
 steve.koerner@elpaso.com

CALPINE CORPORATION
 AVIS KOWALEWSKI
 kowalewskia@calpine.com

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

LUCE, FORWARD, HAMILTON &
 SCRIPPS, LLP
 JOHN W. LESLIE, ESQ.
 jleslie@luce.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

PACIFIC GAS AND ELECTRIC COMPANY
 ROBERT B. MC LENNAN
 rbm4@pge.com

SUTHERLAND, ASBILL & BRENNAN
 KEITH MCCREA
 keith.mccrea@sablaw.com

DUANE MORRIS, LLP
 JAMES W. MCTARNAGHAN
 jwmctarnaghan@duanemorris.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@SempraUtilities.com

JOHN PACHECO
 jpacheco@water.ca.gov

DYNEGY MOSS LANDING, LLC
 JOE PAUL
 joe.paul@dynegy.com

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@aspeneq.com

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
 DOUGLAS PORTER
 douglas.porter@sce.com

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

SAN DIEGO GAS & ELECTRIC COMPANY (902)
 STEVE RAHON
 SRahon@SempraUtilities.com

ASSEMBLY COMMITTEE/UTILITIES AND COMMERC
 EDWARD RANDOLPH
 edward.randolph@asm.ca.gov

SEMPRA LNG
 WILLIAM D. RAPP
 WRapp@Sempraglobal.com

EXXON MOBIL CORPORATION
 DOUGLAS W. RASCH
 douglas.w.rasch@exxonmobil.com

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

SPURR
 MICHAEL ROCHMAN
 Service@spurr.org

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

CALIF PUBLIC UTILITIES COMMISSION
 Ramesh Ramchandani
 rxr@cpuc.ca.gov

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

**KERN RIVER GAS TRANSMISSION
COMPANY
PATRICIA M. SCHMIDT
2755 EAST COTTONWOOD PARKWAY,
SUITE 300
SALT LAKE CITY, UT 84121**

**BERNARDINO COUNTY
CHARLES SCOLASTICO
cscolastico@cc.sbcounty.gov**

**DANIEL P. SELMI
dselmi@aol.com**

**AIR RESOURCES BOARD
DEAN SIMEROTH
dsimerot@arb.ca.gov**

**SEMPRA ENERGY
AIMEE M. SMITH
AMSmith@SempraUtilities.com**

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

**SEMPRA ENERGY
MICHAEL THORP
MThorp@SempraUtilities.com**

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

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

**SEMPRA ENERGY
LISA G. URICK
LUrick@SempraUtilities.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
Steven A. Weissman
saw@cpuc.ca.gov**

**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
PO BOX 7442
SAN FRANCISCO, CA 94120-7442**

ATTACHMENT B

Advice No. 4158

**SoCalGas' Combined Portfolio Calculations and
Workpapers based on the 2010 California Gas Report**

Capacity Planning Ranges Based on
The 2010 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 + SDG&E (2010				GCIM-18	GCIM-19	Line
				Value ^{1/} (MDth/d)	Value ^{2/} (MDth/d)	12-Month Avg. Dly. Dmd. For GCIM Year ^{3/} (6)		SDG&E (2010 CGR)	SoCalGas (2010 CGR) ^{1/}	SDG&E (2010 CGR) ^{2/}	(10)			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		
1	Apr-11	GCIM-18	Non-Win	947.3	1,263.0	1,052.5	30	1,083.5	949.4	134.0	1	0	1	
2	May-11	GCIM-18	Non-Win	947.3	1,263.0	1,052.5	31	838.4	732.7	105.7	1	0	2	
3	Jun-11	GCIM-18	Non-Win	947.3	1,263.0	1,052.5	30	726.7	637.0	89.7	1	0	3	
4	Jul-11	GCIM-18	Non-Win	947.3	1,263.0	1,052.5	31	662.8	580.5	82.3	1	0	4	
5	Aug-11	GCIM-18	Non-Win	947.3	1,263.0	1,052.5	31	654.8	575.1	79.6	1	0	5	
6	Sep-11	GCIM-18	Non-Win	947.3	1,263.0	1,052.5	30	686.1	603.4	82.7	1	0	6	
7	Oct-11	GCIM-18	Non-Win	947.3	1,263.0	1,052.5	31	768.9	679.7	89.2	1	0	7	
8	Nov-11	GCIM-18	Win	1,052.5	1,263.0	1,052.5	30	1,171.2	1,037.3	133.9	1	0	8	
9	Dec-11	GCIM-18	Win	1,052.5	1,263.0	1,052.5	31	1,659.3	1,467.0	192.3	1	0	9	
10	Jan-12	GCIM-18	Win	1,052.5	1,263.0	1,052.5	31	1,606.9	1,417.7	189.2	1	0	10	
11	Feb-12	GCIM-18	Win	1,052.5	1,263.0	1,052.5	29	1,498.7	1,317.5	181.2	1	0	11	
12	Mar-12	GCIM-18	Win	1,052.5	1,263.0	1,052.5	31	1,284.4	1,122.6	161.8	1	0	12	
13	Apr-12	GCIM-19	Non-Win	948.0	1,264.0	1,053.4	30	1,083.6	949.8	133.8	0	1	13	
14	May-12	GCIM-19	Non-Win	948.0	1,264.0	1,053.4	31	838.6	733.2	105.4	0	1	14	
15	Jun-12	GCIM-19	Non-Win	948.0	1,264.0	1,053.4	30	727.0	637.6	89.5	0	1	15	
16	Jul-12	GCIM-19	Non-Win	948.0	1,264.0	1,053.4	31	663.1	581.0	82.1	0	1	16	
17	Aug-12	GCIM-19	Non-Win	948.0	1,264.0	1,053.4	31	655.0	575.6	79.4	0	1	17	
18	Sep-12	GCIM-19	Non-Win	948.0	1,264.0	1,053.4	30	686.4	603.9	82.5	0	1	18	
19	Oct-12	GCIM-19	Non-Win	948.0	1,264.0	1,053.4	31	769.2	680.2	89.0	0	1	19	
20	Nov-12	GCIM-19	Win	1,053.4	1,264.0	1,053.4	30	1,171.4	1,037.7	133.6	0	1	20	
21	Dec-12	GCIM-19	Win	1,053.4	1,264.0	1,053.4	31	1,659.2	1,467.2	192.0	0	1	21	
22	Jan-13	GCIM-19	Win	1,053.4	1,264.0	1,053.4	31	1,596.9	1,408.4	188.6	0	1	22	
23	Feb-13	GCIM-19	Win	1,053.4	1,264.0	1,053.4	28	1,542.8	1,355.8	187.0	0	1	23	
24	Mar-13	GCIM-19	Win	1,053.4	1,264.0	1,053.4	31	1,276.7	1,115.5	161.2	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 2010 California Gas Report Work Papers (REDACTED version for SoCalGas),
- 26 Southern California Gas Company Tabular Data, pp. 10-12, footnote #6.
- 27 http://www.socalgas.com/regulatory/documents/cqr/2010_CGR_scg_workpaper_redacted.pdf
- 28 2/ From the 2010 California Gas Report Work Papers (REDACTED version for SDG&E),
- 29 San Diego Gas and Electric Company Tabular Data, pp. 13-15, footnote #4.
- 30 http://www.socalgas.com/regulatory/documents/cqr/2010_CGR_sdge_workpaper_redacted.pdf
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SOUTHERN CALIFORNIA GAS COMPANY

Work Paper: TABLE 1-SCG

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2011

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	2,619	2,251	1,993	1,806	1,918	2,139	2,220	2,165	1,984	2,305	2,814	2,245	9
10	TOTAL SUPPLY TAKEN	3,049	2,929	2,561	2,303	2,116	2,228	2,449	2,530	2,475	2,294	2,615	3,124	2,555	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	2,929	2,561	2,303	2,116	2,228	2,449	2,530	2,475	2,294	2,615	3,124	2,555	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,042	975	802	648	457	370	340	339	345	424	701	1,084	625	13
14	Commercial	279	287	230	211	196	187	165	161	178	173	248	286	216	14
15	Industrial	60	67	57	55	51	52	47	48	52	53	57	58	55	15
16	NGV	26	27	26	30	28	28	28	26	29	29	27	27	28	16
17	Subtotal-CORE	1,407	1,356	1,115	944	731	637	580	574	603	678	1,033	1,456	924	17
NONCORE															
18	Commercial	59	57	54	51	48	47	46	46	46	48	53	59	51	18
19	Industrial	307	303	299	300	302	318	302	317	313	303	294	285	304	19
20	EOR Steaming	29	29	29	29	29	29	29	29	29	29	29	29	29	20
21	Electric Generation (EG)	694	651	600	576	648	808	1,045	1,113	1,039	806	732	722	787	21
22	Subtotal-NONCORE	1,088	1,041	982	956	1,027	1,202	1,423	1,506	1,427	1,186	1,108	1,095	1,171	22
WHOLESALE & INTERNATIONAL															
23	Core	268	265	224	184	143	117	108	105	107	128	193	270	176	23
24	Noncore Excl. EG	45	50	46	47	44	45	43	42	39	38	41	40	43	24
25	Electric Generation (EG)	205	183	165	145	146	200	266	273	269	237	211	228	211	25
26	Subtotal-WHOLESALE & INT	518	499	435	376	332	363	418	420	415	403	444	537	430	26
27	Co. Use & LUAF	36	34	30	27	25	26	29	30	29	27	31	37	30	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,049	2,929	2,561	2,303	2,116	2,228	2,449	2,530	2,475	2,294	2,615	3,124	2,555	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	27	27	22	20	18	17	15	14	16	16	23	28	20	29
NONCORE															
30	Commercial/Industrial	365	360	353	351	350	365	348	363	360	351	346	344	355	30
31	EOR Steaming	29	29	29	29	29	29	29	29	29	29	29	29	29	31
32	Electric Generation (EG)	694	651	600	576	648	808	1,045	1,113	1,039	806	732	722	787	32
33	Subtotal-RETAIL	1,115	1,068	1,004	976	1,045	1,219	1,437	1,520	1,443	1,202	1,131	1,122	1,191	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	518	499	435	376	332	363	418	420	415	403	444	537	430	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,633	1,567	1,439	1,352	1,378	1,581	1,855	1,940	1,858	1,605	1,574	1,659	1,621	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:

3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1,418	1,364	1,122	949	733	637	580	575	603	680	1,037	1,467	928		

SOUTHERN CALIFORNIA GAS COMPANY

Work Paper: TABLE 1-SCG

ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2012

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	2,699	2,519	2,267	2,048	1,837	1,929	2,130	2,204	2,157	2,001	2,327	2,798	2,243	9
10	TOTAL SUPPLY TAKEN	3,009	2,829	2,577	2,358	2,147	2,239	2,440	2,514	2,467	2,311	2,637	3,108	2,553	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,009	2,829	2,577	2,358	2,147	2,239	2,440	2,514	2,467	2,311	2,637	3,108	2,553	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,041	941	802	648	457	370	339	338	345	423	701	1,083	623	13
14	Commercial	280	278	230	211	197	187	165	162	178	173	248	287	216	14
15	Industrial	60	64	56	55	50	51	47	48	52	52	56	58	54	15
16	NGV	27	27	27	30	28	29	29	27	29	30	28	28	28	16
17	Subtotal-CORE	1,407	1,309	1,115	944	732	637	580	575	604	678	1,033	1,456	922	17
NONCORE															
18	Commercial	57	54	53	50	47	46	45	45	45	46	51	57	50	18
19	Industrial	304	289	292	297	298	315	295	310	306	296	286	277	297	19
20	EOR Steaming	29	29	29	29	29	29	29	29	29	29	29	29	29	20
21	Electric Generation (EG)	666	631	618	633	677	821	1,063	1,127	1,058	825	748	710	799	21
22	Subtotal-NONCORE	1,056	1,003	992	1,008	1,051	1,210	1,432	1,511	1,438	1,196	1,115	1,074	1,175	22
WHOLESALE & INTERNATIONAL															
23	Core	269	258	224	184	143	117	108	105	107	128	193	270	175	23
24	Noncore Excl. EG	45	49	46	47	45	46	44	43	40	39	42	41	44	24
25	Electric Generation (EG)	197	177	169	146	151	202	247	251	248	242	223	231	207	25
26	Subtotal-WHOLESALE & INT	510	484	440	378	339	365	399	399	396	410	458	542	427	26
27	Co. Use & LUAF	35	33	30	28	25	26	29	29	29	27	31	36	30	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,009	2,829	2,577	2,358	2,147	2,239	2,440	2,514	2,467	2,311	2,637	3,108	2,553	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	27	27	22	20	18	17	15	14	16	16	23	28	20	29
NONCORE															
30	Commercial/Industrial	361	343	344	347	345	361	340	355	351	342	337	335	347	30
31	EOR Steaming	29	29	29	29	29	29	29	29	29	29	29	29	29	31
32	Electric Generation (EG)	666	631	618	633	677	821	1,063	1,127	1,058	825	748	710	799	32
33	Subtotal-RETAIL	1,083	1,030	1,014	1,028	1,069	1,227	1,446	1,526	1,454	1,212	1,138	1,101	1,195	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	510	484	440	378	339	365	399	399	396	410	458	542	427	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,594	1,514	1,454	1,406	1,408	1,592	1,846	1,925	1,850	1,621	1,596	1,644	1,621	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:

3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1,418	1,318	1,123	950	733	638	581	576	604	680	1,038	1,467	926		

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	2,702	2,609	2,238	2,031	1,809	1,924	2,116	2,177	2,131	1,964	2,328	2,807	2,235	9
10	TOTAL SUPPLY TAKEN	3,012	2,919	2,548	2,341	2,119	2,234	2,426	2,487	2,441	2,274	2,638	3,117	2,545	10
11	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	11
12	TOTAL THROUGHPUT ^{4/}	3,012	2,919	2,548	2,341	2,119	2,234	2,426	2,487	2,441	2,274	2,638	3,117	2,545	12
REQUIREMENTS FORECAST BY END-USE ^{5/}															
CORE ^{6/}															
13	Residential	1,031	965	794	642	452	366	336	335	341	420	694	1,073	619	13
14	Commercial	281	288	231	212	197	188	166	162	179	174	249	288	217	14
15	Industrial	59	65	55	54	49	50	46	47	51	51	55	57	53	15
16	NGV	27	28	28	31	29	30	30	28	30	30	29	29	29	16
17	Subtotal-CORE	1,398	1,347	1,108	939	728	634	578	572	601	675	1,027	1,447	919	17
NONCORE															
18	Commercial	55	53	51	48	45	44	43	43	43	44	49	55	48	18
19	Industrial	299	295	289	292	293	309	293	308	304	294	285	276	295	19
20	EOR Steaming	29	29	29	29	29	29	29	29	29	29	29	29	29	20
21	Electric Generation (EG)	682	658	603	628	663	822	1,055	1,104	1,036	796	756	728	795	21
22	Subtotal-NONCORE	1,064	1,035	972	996	1,030	1,204	1,420	1,484	1,412	1,164	1,119	1,088	1,167	22
WHOLESALE & INTERNATIONAL															
23	Core	269	266	225	185	143	118	108	105	108	129	193	270	176	23
24	Noncore Excl. EG	46	52	48	48	46	47	45	44	41	40	42	42	45	24
25	Electric Generation (EG)	199	183	166	146	147	205	247	253	250	240	226	233	208	25
26	Subtotal-WHOLESALE & INT	514	502	438	379	336	370	401	402	399	409	461	545	429	26
27	Co. Use & LUAF	35	34	30	27	25	26	28	29	29	27	31	37	30	27
28	SYSTEM TOTAL THROUGHPUT ^{4/}	3,012	2,919	2,548	2,341	2,119	2,234	2,426	2,487	2,441	2,274	2,638	3,117	2,545	28
TRANSPORTATION AND EXCHANGE															
CORE															
29	All End Uses	27	27	22	20	18	17	15	14	16	16	23	28	20	29
NONCORE															
30	Commercial/Industrial	353	348	340	340	338	353	336	351	347	339	334	331	342	30
31	EOR Steaming	29	29	29	29	29	29	29	29	29	29	29	29	29	31
32	Electric Generation (EG)	682	658	603	628	663	822	1,055	1,104	1,036	796	756	728	795	32
33	Subtotal-RETAIL	1,091	1,063	994	1,016	1,047	1,220	1,435	1,499	1,428	1,180	1,142	1,115	1,187	33
WHOLESALE & INTERNATIONAL															
34	All End Uses	514	502	438	379	336	370	401	402	399	409	461	545	429	34
35	TOTAL TRANSPORTATION & EXCHANGE	1,606	1,565	1,433	1,395	1,384	1,590	1,835	1,901	1,827	1,589	1,603	1,661	1,616	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:

3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1,408	1,356	1,115	944	729	634	578	573	601	677	1,032	1,458	923		

SAN DIEGO GAS & ELECTRIC COMPANY

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2011**

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	398	374	332	284	256	295	348	352	352	330	350	427	341	5
6	TOTAL SUPPLY TAKEN	398	374	332	284	256	295	348	352	352	330	350	427	341	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	398	374	332	284	256	295	348	352	352	330	350	427	342	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	130	124	107	86	62	49	45	45	45	53	88	135	80	10
11	Commercial	58	62	53	46	41	39	38	35	38	36	45	57	45	11
12	Industrial	5	5	4	4	4	4	3	3	3	4	4	5	4	12
13	NGV	5	5	5	5	5	5	3	3	3	3	3	3	4	13
13	Subtotal-CORE	197	196	169	141	112	96	89	86	89	95	140	200	134	13
14															14
15															15
16															16
17	NONCORE Subtotal-NONCORE	197	173	158	139	141	195	255	262	258	231	205	222	203	17
18	Co. Use & LUAF	5	5	5	4	3	4	5	5	5	4	5	6	5	18
19	SYSTEM TOTAL THROUGHPUT	398	374	332	284	256	295	348	352	352	330	350	427	342	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	11	12	10	9	8	8	8	7	8	8	9	11	9	20
21															21
22	NONCORE All End Uses	197	173	158	139	141	195	255	262	258	231	205	222	203	22
23	TOTAL TRANSPORTATION & EXCHANGE	207	185	168	148	149	203	263	269	266	238	214	233	212	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:

190	188	162	134	106	90	82	80	83	89	134	192	127
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SAN DIEGO GAS & ELECTRIC COMPANY

**ANNUAL GAS SUPPLY AND REQUIREMENTS - MMCF/DAY
ESTIMATED FOR YEAR: 2012**

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	390	361	337	285	262	296	328	330	332	336	363	431	339	5
6	TOTAL SUPPLY TAKEN	390	361	337	285	262	296	328	330	332	336	363	431	339	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	390	361	337	285	262	296	328	330	332	336	363	431	338	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	129	120	107	86	62	49	45	45	45	53	88	135	80	10
11	Commercial	58	59	53	45	41	38	38	35	38	35	45	56	45	11
12	Industrial	5	5	5	4	4	4	3	3	4	4	4	5	4	12
13	NGV	5	5	5	5	5	5	3	3	3	3	3	3	4	13
14	Subtotal-CORE	196	189	169	140	112	96	88	85	89	95	140	199	133	14
15															15
16															16
17	NONCORE Subtotal-NONCORE	189	167	163	140	146	196	236	240	238	236	217	226	200	17
18	Co. Use & LUAF	5	5	5	4	4	4	4	4	5	5	5	6	5	18
19	SYSTEM TOTAL THROUGHPUT	390	361	337	285	262	296	328	330	332	336	363	431	338	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	11	11	10	9	8	8	8	7	8	8	9	11	9	20
21	NONCORE All End Uses	189	167	163	140	146	196	236	240	238	236	217	226	200	21
22	TOTAL TRANSPORTATION & EXCHANGE	200	178	173	149	155	204	244	248	246	244	227	236	209	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:

189	181	162	134	105	89	82	79	83	89	134	192	127
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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	392	373	333	285	257	299	328	332	334	334	365	432	339	5
6	TOTAL SUPPLY TAKEN	392	373	333	285	257	299	328	332	334	334	365	432	339	6
7	Net Underground Storage Withdrawal	0	0	0	0	0	0	0	0	0	0	0	0	0	7
8	TOTAL THROUGHPUT	392	373	333	285	257	299	328	332	334	334	365	432	339	8
REQUIREMENTS FORECAST BY END-USE ^{3/}															
9	CORE ^{4/}														9
10	Residential	129	124	106	86	62	49	45	45	45	53	88	135	80	10
11	Commercial	57	60	52	45	41	38	37	34	37	35	45	56	45	11
12	Industrial	5	6	4	4	4	4	3	3	4	4	4	5	4	12
13	NGV	5	5	5	5	5	5	3	3	3	3	3	3	4	13
14	Subtotal-CORE	196	195	168	140	111	95	88	85	89	94	140	198	133	14
15															15
16															16
17	NONCORE Subtotal-NONCORE	191	173	160	141	142	200	236	242	240	234	220	228	201	17
18	Co. Use & LUAF	5	5	5	4	3	4	4	5	5	5	5	6	5	18
19	SYSTEM TOTAL THROUGHPUT	392	373	333	285	257	299	328	332	334	334	365	432	339	19
TRANSPORTATION AND EXCHANGE															
20	CORE All End Uses	11	12	10	9	8	8	8	7	8	8	9	11	9	20
21	NONCORE All End Uses	191	173	160	141	142	200	236	242	240	234	220	228	201	21
22	TOTAL TRANSPORTATION & EXCHANGE	202	185	170	150	151	208	244	250	248	242	229	238	210	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:

189 187 161 133 105 89 82 79 82 89 133 191 126