

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



August 9, 2013

Advice Letter 4518-G

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

SUBJECT: Post-Forum Report in Compliance D.09-11-006

Dear Ms. Prince:

Advice Letter 4518-G is effective as of August 1, 2013.

Sincerely,

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

Edward F. Randolph, Director
Energy Division



Rasha Prince
Director
Regulatory Affairs

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

July 2, 2013

Advice No. 4518
(U 904 G)

Public Utilities Commission of the State of California

Subject: Post-Forum Report in Compliance with D.09-11-006

Southern California Gas Company (SoCalGas) hereby submits for filing with the California Public Utilities Commission (Commission) a Post-Forum Report (Attachment B) relating to its most recent annual Utility Customer Forum (Customer Forum), held on May 9, 2013.

Background

In Decision (D.) 09-11-006, the Commission adopted SoCalGas' 2009 BCAP Phase Two Settlement Agreement.¹ Pursuant to D.09-11-006 and SoCalGas Rule No. 41, SoCalGas is required to hold an annual Customer Forum each year concerning Operational Flow Orders (OFOs) and minimum flow requirements.² SoCalGas and Forum participants are to develop a Post-Forum Report that summarizes matters discussed at the Forum and identifying any action items, tariff changes, or procedural modifications that were found to be necessary by parties participating in the Customer Forum. The Post-Forum Report shall include descriptions of the proposals presented by Customer Forum participants.

Annual Report

SoCalGas posted an Annual Report (Report) of system reliability issues on its website (SoCalGas.com) on April 25 addressing OFOs and minimum flow requirements. A copy of the revised Report is included as Appendix 1 to the Post-Forum Report.

Customer Forum

SoCalGas held its 2013 Customer Forum on May 9, 2013. The Customer Forum was held in compliance with Section 20 of Rule No. 41, which provides that its annual forums are to address the following topics:

¹ Appendix A of the June 2, 2009 Joint Motion of the Settlement Parties for Adoption of Settlement Agreement and Suspension of Hearing Schedule for Phase Two Issues.

² See SoCalGas Rule No. 41, Section 19.

- i. Review the timing, method, formulas, and all inputs to formulas by which OFO events are triggered;
- ii. Review requests for the Operational Hub to acquire additional supplies to meet minimum flow requirements;
- iii. Review Operational Hub purchases/actions to meet minimum flow requirements and plans for the coming year by providing information regarding the individual transactions, including transactions executed pursuant to the Operational Hub contractual arrangements. Transaction-specific information shall identify price, volume, date, delivery/receipt points, and any special terms;
- iv. Review the need for any additional minimum flow requirements on the Utility system beyond then-current defined requirements;
- v. Review potential additional tools to support system operations and potential system improvements to reduce or eliminate the need for any minimum flowing supply requirements.

SoCalGas provided a PowerPoint presentation at the Customer Forum which contained an agenda, overview, and summary of the operational matters and proposals outlined in SoCalGas' April 25 Report. Specific operational matters highlighted for discussion included: 1) OFO review; 2) minimum flow requirements; and 3) Potential system enhancements to help meet Southern System minimum flow requirements. SoCalGas also presented three proposals relating to Southern System minimum flow requirements: 1) the use of discounted firm backbone transmission service capacity to encourage increased use of Southern System Receipt Points; 2) limiting Southern Zone capacity cuts to a floor equal to 110% of the Southern System minimum flow requirement; and 3) adoption of tariff guidelines for baseload purchase agreements.³ A copy of this presentation is included with the Post-Forum Report.

Over 20 customers, and gas suppliers, and other interested parties attended the Customer Forum in person or via conference call. The operational matters from the Annual Report were discussed, as well as the three Southern System proposals, a proposed potential facility-based response to increasing Southern System minimum flow needs, and a schedule for future workshops regarding Southern System issues.

The next Forum will be scheduled for May 2014.

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 July 22, 2013. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is given below.

³ Each of these proposals is the subject of a recent advice filing with the Commission. Advice No. 4315 – Revisions to Rule No. 30, Transportation of Customer-Owned Gas dated July 1, 2013. Advice No. 4516 – Revisions to Rule No. 41, Utility System Operation dated July 1, 2013. Advice No. 4317 – Revisions to Schedule No. G-BTS, Backbone Transportation Service dated July 2, 2013.

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

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. SoCalGas respectfully requests that this filing be approved on August 1, 2013, which is 30 calendar days from the date filed.

Notice

A copy of this AL is being sent to the parties listed on Attachment A, which includes parties to A.08-02-001, and A.11-11-002. Due to the volume of the attachments, parties who did not provide email addresses will receive only the advice letter and Attachment A. However, the complete filing is available at <http://www.socalgas.com/regulatory/tariffs/index-advice.shtml>. If you need a hard copy of the complete filing, please call Gretchen DiAlto at (213) 244-3387.

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) #: 4518

Subject of AL: Post-Forum Report in Compliance with the Phase Two Settlement Agreement Reached in the 2009 BCAP

Keywords (choose from CPUC listing): Compliance

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

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

D.09-11-006

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: 8/1/13

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: 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

¹ Discuss in AL if more space is needed.

ATTACHMENT A

Advice No. 4518

(See Attached Service Lists)

Attachment B

Advice No. 4518

2013 Post-Forum Report on System Reliability Issues

Southern California Gas Company
2013 Post-Forum Report on System Reliability Issues

Overview

Pursuant to D.09-11-006 and SoCalGas Rule No. 41 Southern California Gas Company (SoCalGas) holds an annual Utility Customer Forum (Forum) each year concerning Operational Flow Orders (OFOs) and Minimum Flow Requirements. SoCalGas and the Forum participants are to collaborate in good faith to develop a post-Forum report. The post-Forum report will summarize the matters discussed at the relevant Forum and identify any action items, tariff changes and/or procedural modifications that were found to be necessary by parties participating in the Forum. The post-Forum report will include descriptions of the proposals presented by Forum participants.

The following represents the post-Forum Report for 2013.

Annual Report

SoCalGas posted an annual report (Annual Report) of system reliability issues on its electronic bulletin board (SoCalGas Envoy) on April 25 addressing the matters described above. A link to the copy of the revised Annual Report is included as Appendix 1 to this post-Forum Report.

Customer Forum

SoCalGas held its 2013 Forum on May 9, 2013. The Forum was held in compliance with Section 20 of Rule No. 41 to provide information that addressed the following matters with interested parties:

- i. Review the timing, method, formulas, and all inputs to formulas by which OFO events are triggered;
- ii. Review requests for the Operational Hub to acquire additional supplies to meet minimum flow requirements;
- iii. Review Operational Hub purchases/actions to meet minimum flow requirements and plans for the coming year by providing information regarding the individual transactions, including transactions executed pursuant to the Operational Hub contractual arrangements. Transaction-specific information shall identify price, volume, date, delivery/receipt points, and any special terms;
- iv. Review the need for any additional minimum flow requirements on the Utility system beyond then-current defined requirements;

- v. Review potential additional tools to support system operations and potential system improvements to reduce or eliminate the need for any minimum flowing supply requirements.

A PowerPoint Presentation (Presentation) containing the agenda, overview and summary of the operational matters and proposals as outlined in SoCalGas' April 25 Annual Report to be discussed at the Forum was presented at the meeting and made available to the meeting participants after its conclusion. Specific operational matters highlighted for discussion included 1) OFO Review; 2) Minimum Flow Requirements; and 3) System enhancements to resolve the Southern System Minimum Flow Requirement. SoCalGas also presented three new proposals for consideration by the Forum participants to better manage the Southern System Minimum Flow Requirement. The three proposals include 1) the use of discounted firm backbone transmission service (BTS) capacity to encourage increased use of Southern System Receipt Points; 2) limiting Southern Zone capacity cuts to a floor equal to 110% of the Southern System Minimum; and 3) adoption of tariff guidelines for baseload purchase agreements.

A copy of the Presentation is included as Appendix 2 to this post-Forum Report.

Over 20 customers, and gas suppliers, and other interested parties attended the Customer Forum in person or via conference call. The operational matters from the Annual Report were discussed, as well as the three Southern System proposals, a proposed potential facility-based response to increasing Southern System minimum flow needs, and a schedule for future workshops regarding Southern System issues.

Southern System Gas Purchase Costs and BTS Discounts

Southern California Edison Company (SCE) asked how the costs to maintain the Southern System are allocated to customers. SoCalGas responded by stating that the net cost for purchases are tracked in the System Reliability memorandum Account (SRMA) and allocated to enduse customer rates on an equal cents per therm basis (ECPT). Revenue shortfalls resulting from BTS discounts are added to the BTS revenue requirement in the following year.

Discounted Firm BTS Proposal

SoCalGas proposed a minor change to Rate Schedule No. G-BTS that would allow offering discounted firm BTS service that could only be used to transport gas from the SoCalGas Southern Transmission Zone.

SCE asked if SoCalGas would allow customers who purchase discounted firm BTS for Southern Zone receipt points would allow it to be used at other receipt points at

the full BTS firm rate. SoCalGas responded that its proposal is intended for customers to use the discounted capacity exclusively at Southern Zone receipt points and that nomination at alternate receipt points would not be allowed.

Questions were asked by SCE, Shell Energy (Shell) and the Southern California Generation Coalition (SCGC) to clarify that the intent of the proposal was to offer firm discounts in addition to its current authority to offer discounted interruptible BTS service. Specific responses to participant questions affirmed that the firm discounts would apply on OFO days since the capacity would be offered on at least a monthly basis; that multi-month term discounted offers would be considered after experience with monthly offers had been achieved; and that a copy of the draft advice letter for this proposal would be circulated for comments from the Forum participants before it is filed for approval at the CPUC.

Increase Southern System Operating Margin

SoCalGas proposed to modify Rule 30 to limit Southern Zone Cycle 3 capacity cuts to an amount no lower than 110% of the Southern System Minimum. This action would reduce the risk of cuts to Southern System Reliability Purchases.

SCE asked if this modification would result in higher capacity cuts at other system receipt points. SoCalGas responded that this would be the result.

SCGC asked about our plans for this Advice Letter filing. SoCalGas responded that it intends to file the advice letter independent of the Post Forum Advice Letter and that a draft will be circulated to the Forum participants for review and comment prior to filing it for approval in June.

Preauthorized Baseload Contract Guidelines

SoCalGas proposed to modify Rule 41 to allow preauthorization of baseload contracts at Ehrenberg that meet price and seasonal quantity benchmarks.

SCGC asked about why SoCalGas needs changes to Rule 41 with the guidance SoCalGas received in Commission Resolution 4399. SoCalGas explained the difficulty of getting timely approval of baseload contracts through the advice letter process as the need for the additional guidance.

SCE commented that the baseload contracts seemed like a 12-month solution to a 4-month problem. SoCalGas acknowledged that we would be open to considering shorter terms for baseload service.

SCE also noted their concern with fully institutionalizing this change given that market conditions change over time. SCE asked if SoCalGas would consider a one year trial basis that would allow SoCalGas to adapt to changing market conditions. SoCalGas responded by stating that we would consider it.

Long Term Solution to Southern System Minimum Flow Requirement

SoCalGas presented system enhancements that would allow the Southern System to be served by Northern Zone flowing supply and storage withdrawals at a cost in excess of \$500 million.

Shell asked about whether SoCalGas was also considering expanding capacity at Wheeler Ridge. SoCalGas confirmed it is not.

SCGC expressed its concern that El Paso Natural Gas Company's (EPNG) plans to serve new markets with existing capacity would undermine the existing market's use of the EPNG southern system to meet swing supply requirements through supply purchases at Ehrenberg.

SCGC also asked about the CA/AZ border pipeline route that SoCalGas had presented last year and asked for more information on the Line 1600 replace/re-qualify project at upcoming Southern System Workshops.

Southern System Workshops

A schedule for three workshops was presented to the Forum participants in preparation for the third quarter Southern System Application filing.

SCGC asked questions regarding the replacement of SDG&E Line 1600 and the Rainbow Corridor open season. They asked if SDG&E planned to conduct an open season before finalizing plans for Line 1600. SoCalGas responded by noting that an open season is not a threshold for determining the need for a Line 1600 replacement.

Shell asked about materials to be distributed before the May 20 Southern System Workshop and whether SoCalGas would be addressing upstream issues and impacts on Southern System. SoCalGas noted its plan to present proposals at the first workshop and then have dialogue and follow up. SoCalGas indicated it would address upstream issues at the May 20 workshop.

Comments on the Draft Post-Forum Report

On May 16 SCGC submitted questions to SoCalGas (SCGC DR No. 1) for the May 20 Southern System Workshop. A response to SCGC DR No. 1 was provided

on June 4. A second data request (SCGC DR No. 2) was submitted by SCGC on June 7 and the response was sent on June 14.

On May 31 a draft post-Forum Report was submitted to the Forum participants for review and comment. In response to comments made by SCGC SoCalGas is including SCGC DR No. 1 and 2 respectively as Appendix 3 and 4 to the post-Forum Report.

On June 17 a conference call was held to discuss the draft post-Forum Report. No further comments on the post-Forum Report were received from interested parties on issues not related to the three proposals addressed in separate advice letter filings.

Conclusion

SoCalGas presented three proposals at the Forum that required the development of tariff changes affecting both OFOs and Minimum Flow Requirements. SoCalGas submitted these tariff changes under separate advice letter filings for Commission review and approval. The next Forum will be scheduled for May 2014.

Advice No. 4518

Appendix 1 to Attachment B



A  Sempra Energy® utility

Fourth Annual Report of System Reliability Issues

2013 Customer Forum

April 25, 2013

Fourth Annual Report of System Reliability Issues

Date of Issue: April 25, 2013

Introduction

SoCalGas presents its Fourth Annual Report of System Reliability Issues (Report). This Report covers the time period from April 1, 2012, through March 31, 2013. Pursuant to Section 20 of Rule No. 41, this Report provides information on the following matters:

- A. Review of the timing, method, formulas, and all inputs to formulas by which OFO events are triggered;
- B. Review of requests for the Operational Hub to acquire additional supplies to meet minimum flow requirements;
- C. Review of Operational Hub purchases/actions to meet minimum flow requirements and plans for the coming year by providing information regarding the individual transactions, including transactions executed pursuant to the Operational Hub contractual arrangements. Transaction-specific information shall identify price, volume, date, delivery/receipt points, and any special terms;
- D. Review the need for any additional minimum flow requirements on the Utility system beyond then-current defined requirements; and
- E. Review potential additional tools to support system operations and potential system improvements to reduce or eliminate the need for any minimum flowing supply requirements.

A. Operational Flow Orders

The SoCalGas/SDG&E Gas Control department has the sole responsibility to determine the need for and declaring an OFO. An OFO may be issued only if the level of scheduled quantities specified from Rule No. 41 in the table below for each transportation nomination cycle exceeds the forecasted system capacity.

Cycle	Quantity Used for OFO Calculation
1) Timely	Prior Flow Day – Evening Cycle Scheduled Quantity
2) Evening	Current Flow Day – Timely Cycle Scheduled Quantity
3) Intraday 1	Current Flow Day – Evening Cycle Scheduled Quantity
4) Intraday 2	Current Flow Day – Intraday 1 Cycle Scheduled Quantity

Forecasted system capacity is the sum of forecasted sendout, physical storage injection capacity and off-system scheduled quantities.

Gas Control develops the send out forecast by using public weather data for estimating core demand (wholesale and retail) and market information and historical data for noncore customer demand. Gas Control also makes use of demand forecast data provided directly from the California Independent System Operator (CAISO) which accounts for approximately 80% of the electric generation demand on the SoCalGas/SDG&E system.

A total of 48 OFO events were called from April 1, 2012 to March 31, 2013. This represents a 6% reduction in comparison to the 51 OFOs called during the previous Report period. Attachment 1 provides a detailed calculation for each OFO event including calculation of forecasted system capacity in comparison to scheduled quantities.

As stated previously, OFO events are triggered when scheduled quantities from a previous cycle exceed forecasted system capacity for a pending cycle. This typically occurs during weekends and holidays when forecast sendout is lower. Most of the OFOs called during the Report period were due to limited storage injection capacity during the shoulder period from October through early December.

B. Requests for Additional Supplies to Meet Minimum Flow Requirements

Requests from Gas Control for the Operational Hub to obtain additional supplies to meet Southern System minimum flow requirements from April 1, 2012 to March 31, 2013, can be found in Attachment 2. A total of 124 requests were made during the Report period. Attachment 2 provides all of the Envoy postings relating to such transactions.

C. Operational Hub Transactions to Meet Minimum Flow Requirements and Plans for the Coming Year

Details of Operational Hub transactions to meet minimum flow requirements from April 1, 2012 to March 31, 2013 are provided in Attachment 3.

During the Report period SoCalGas purchased and sold approximately 16.9 MMDth at an approximate net cost of 37 cents per dth or a total approximate net cost of \$6.3 million. SoCalGas is concerned that the quantity of gas purchased and sold to maintain Southern System reliability increased by approximately 13.9 million dth during the Report period. This represents a 450% increase in purchases and sales over the April 1, 2011 to March 31, 2012 period. The continuing extended outage at San Onofre Generating Station (SONGS) increases our expectation that significant purchases will continue to be required in the future.

During the Report period SoCalGas offered discounted interruptible transportation rates for gas transported from the El Paso – Ehrenberg receipt point to increase customer delivery of gas into the Southern System. Total cost for these discounts was \$8.6 million. Details of discounting activity by month from April 1, 2012 to March 31, 2013 are provided in Attachment 4. This means that the total cost of dealing with the Southern

system minimum flow issue over the April 2012-March 2013 period was \$14.9 million (\$8.6 million in backbone discounts allocated to the BTBA plus \$6.3 million in Hub purchases reflected in the SRMA account).

SoCalGas has taken a number of steps to address the increases in Southern System minimum flow requirements. As described in the Third Forum Report, SoCalGas filed Advice Letter (AL) No. 4291 on November 3, 2011 requesting the approval of an agreement between the Utility System Operator and the Utility Gas Procurement Department to maintain specified minimum deliveries to the Southern System from December 1, 2011 through October 31, 2012. This advice letter was approved effective July 12, 2012 with modifications pertaining to the allocation of SRMA costs between bundled core, core transportation and noncore customers.

On March 30, 2012 SoCalGas filed AL 4353 requesting the authorization to provide the Operational Hub the option to move spot gas purchases from Ehrenberg to Otay Mesa using interruptible transportation on the North Baja and TGN pipelines for the purpose of maintaining Southern System Reliability. AL 4353 received CPUC approval effective July 12, 2012.

On August 17, 2012, SoCalGas filed AL 4394 requesting approval of a second agreement between the Utility System Operator and the Utility Gas Procurement Department to support SoCalGas' minimum flow requirements on its Southern System from December 1, 2012 through October 31, 2013. This request was adopted with modifications by CPUC Resolution G-3476 on March 21, 2013.

On August 31, 2012 SoCalGas filed AL 4399 requesting approval of four baseload agreements with different suppliers for the delivery of a total of 280 MDth per day from December 2012 through March 2013. These agreements were the result of an RFO posting made on July 17, 2012 for proposals to supply baseload gas at Southern Zone receipt points at either El Paso-Ehrenberg or TGN-Otay Mesa. The weighted average price of these agreements is the SoCalGas Border Price +8.2 cents/dth. The term of these proposed baseload contracts has expired, but the CPUC has nonetheless issued a draft resolution approving three of the four contracts (255 MDth/day out of the proposed 280 MDth/day) to provide guidance to SoCalGas should it be interested in entering into similar contracts in the future. This draft resolution is scheduled for consideration at the CPUC's May 9, 2013 business meeting.

On October 11, 2012 SoCalGas first encountered an OFO day requiring Cycle 3 capacity cuts that would have reduced Southern Zone nominations below the Southern System Minimum. In order to prevent the risk of a localized curtailment event and to minimize purchases, SoCalGas did not reduce Southern Zone nominations below the Southern System Minimum when performing Cycle 3 capacity cuts. SoCalGas was required by this circumstance to make this exception nine times during the review period.

On December 20, 2012 Line 6916 went into service. Line 6916 provides a new connection between SoCalGas' Northern Zone and Southern Zone transmission systems.

Depending upon scheduled supplies, operation of this facility allowed the Southern System minimum flow requirements to be reduced by up to 80 MMcfd.

SoCalGas plans on continuing to use spot purchases over the next year to meet its minimum flow requirements. Baseload purchase agreements will again be evaluated for possible use for the next winter season. Baseload purchase agreements were not used during the Report period due to delays in receiving required approvals. As noted above, the pending draft resolution approving the baseload agreements presented in AL 4399 would provide guidance regarding future baseload contracts. SoCalGas is also evaluating the possibility of submitting a third agreement between the Utility System Operator and the Utility Gas Procurement Department to support SoCalGas' minimum flow requirements on its Southern System after the second agreement expires on October 31, 2013.

D. Need for Any Additional Minimum Flow Requirements

SoCalGas does not believe that there is a need at this time for minimum flow requirements other than the existing Southern System minimum flow requirement.

As discussed above in Section C, however, SoCalGas is concerned that supply shortfalls on the Southern System continue to increase, and that even with active daily intervention by the Operational Hub such shortfalls may pose a threat to reliability on the Southern System, particularly if the SONGS remains out of service for a significant length of time. Pursuant to the *Joint Motion of SoCalGas/San Diego Gas & Electric Company, Division of Ratepayer Advocates, The Utility Reform Network, Southern California Edison Company, Southern California Generation Coalition, Indicated Producers, California Manufacturers and Technology Association, the City of Long Beach, and Southwest Gas Corporation for Adoption of Settlement Agreement for Certain Phase 2 Issues* dated March 27, 2013, SoCalGas will file an application presenting proposals to deal with Southern System issues later this year after holding a series of technical workshops with customers and customer representatives. Details regarding these upcoming workshops can be found in the Non-critical Notice section of SoCalGas Envoy.

E. Potential Additional Tools to Support System Operations and Potential System Improvements to Reduce or Eliminate the Need for Minimum Flowing Supply Requirements

Potential Tools

Tools previously identified by SoCalGas to meet this minimum flow requirement include spot purchases, Requests for Offers (RFOs) to gas suppliers to help meet Southern System flowing supply needs, and minimum flow obligations. (See D.07-12-019, mimeo. at 58-64.)

Rule 41 requires SoCalGas and Forum participants to collaborate in good faith to develop a post-Forum report that includes identifying any tariff changes that are found to be necessary by Forum participants. Tariff changes proposed in the Forum will be

submitted to the CPUC by Advice Letter no later than 60 days after the Forum. SoCalGas would appreciate customer input and support for the proposals made herein.

SoCalGas is presenting three new proposed tools for consideration by Forum participants that would require implementation of tariff changes allowing SoCalGas to better manage the Southern System Minimum Flow Requirement. These proposed tools are (1) the use of discounted firm BTS capacity to encourage expanded use of Southern System Receipt points by SoCalGas customers on a firm basis; (2) limiting Southern Zone Cycle 3 capacity cuts during OFO events to a floor equal to 110% of the Southern System Minimum; and (3) Baseload Contract Tariff Authority.

Discounted Southern Zone Firm BTS Capacity

Rate Schedule G-BTS specifies the authority granted to SoCalGas to offer discounted Backbone Transportation Service (BTS) capacity. SoCalGas has been using this authority to discount Southern Zone interruptible BTS capacity in order to encourage flows into the Southern System. Schedule G-BTS also provides SoCalGas with the authority to discount firm BTS.

In order to do this effectively, discounted firm BTS capacity would have to be limited to the Southern Zone to prevent alternate zone nominations or exchanges to a non-Southern Zone receipt point. To facilitate such offers, SoCalGas proposes to add the following language shown below in italics to Section 3 of the “Nominations and Balancing” portion of Rate Schedule G-BTS:

3. Customers holding firm Backbone Transportation Service capacity will be able to nominate natural gas for delivery on an alternate “within-the-zone” firm basis from any specific Receipt Point within an applicable transmission zone. *Unless otherwise provided for in a discounted agreement*, Customers will also be able to nominate natural gas for delivery on an alternate “outside-the-zone” firm basis from any receipt point on the system. All such nominations will be scheduled in accordance with Rule No. 30, Transportation of Customer-Owned Gas.

Southern System Nomination Procedures during OFO Events

As described previously, beginning in October 2012, SoCalGas has been forced by circumstances during OFO events to maintain Southern Zone nominations to a level equal to the Southern System Minimum. This action was taken in order to (1) minimize Southern System Reliability purchases that would otherwise be required if the Cycle 3 cuts reduced the confirmations for customer nominations below the Southern System Minimum; and (2) avoid cutting nominations for Southern System Reliability purchases made by the Operational Hub. SoCalGas proposes to memorialize this common sense approach to dealing with the need for Southern System flowing supplies on OFO days

through a limited revision to Rule 30. Specifically, SoCalGas proposes to limit Southern Zone Cycle 3 capacity cuts during OFO events to a floor equal to 110% of the Southern System Minimum. This would require the insertion of additional language shown below in italics to Rule 30 Section D.3:

Each day, the Utility will use the following rules to confirm nominations to the Receipt Point and Backbone Transmission Zone maximum operating capacities. The Utility will also use the following rules to confirm nominations to the system capacity limitation as defined in Section F for OFO events during the Intraday 1 cycle *with the limitation that Southern Zone nominations will not be cut to a level below 110% of the minimum flowing supply for the Southern System as described in Rule 41 Section 5.*

Proposed redline changes to Rule 30 can be found in Attachment 6.

Baseload Contract Tariff Authority

SoCalGas estimates that December 2012-March 2013 SRMA costs would have been reduced by \$2.8 million had the contracts in AL 4399 been approved. SoCalGas would like to expand Rule 41 to add tariff authority for SoCalGas to execute baseload contracts under certain quantity, price, and term conditions that would not require subsequent CPUC approval. These proposed conditions are still under development, and SoCalGas will provide more detail at the forum itself.

SoCalGas welcomes comments from customers on these proposed changes.

Potential Infrastructure Improvements - Northern-Southern System Link

In order to more fully integrate the SoCalGas Northern and Southern Transmission Zones and mitigate the need for flowing gas supply requirements on the Southern Transmission Zone, SoCalGas is considering the possible construction of a 60 mile long 36-inch diameter pipeline interconnect between Adelanto and Moreno Valley. Together with additional improvements on the Southern Transmission Zone including new compression needed to flow gas supplies east from Moreno Valley, this new pipeline would enable SoCalGas to operate without any supply delivered at Ehrenberg or Otay Mesa.

SoCalGas conducted a feasibility study for a high level overview of the proposed pipeline, the compressor station improvements and receiving facility improvements necessary to successfully complete the project. The study found that the fully-loaded cost of this north-south system upgrade (excluding the costs for the improvements needed on the Southern Transmission Zone, which were beyond the scope of the evaluation and have not yet been determined) is estimated to be \$500 million and would take approximately 5 years to complete. This cost estimate, based on December 2012 dollars, and not adjusted for inflation, can be characterized as a Class 4 estimate with an accuracy

April 25, 2013

range of $\pm 25\%$. Once the pipeline route is better defined and the environmental mitigation requirements finalized, a more precise cost estimate can be developed. However, several factors have been identified which may increase the cost or lengthen the schedule of this project, including: work stoppages due to local agency/concerned citizens' actions; requirements for overly deep excavation for pipeline installation; changes in project scope due to market demand or change in supply concerns; and permitting considerations.

Attachment 1.a

Detailed calculation for each OFO event

(including calculation of forecasted system capacity in comparison to scheduled quantities)

April 1, 2012 to March 31, 2013

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,292,626	2,213,397	2,448,075	2,448,075
Injection Capacity	756,000	757,000	757,000	757,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	3,054,626	2,976,397	3,211,075	3,211,075
Latest On-System Scheduled Quantity	2,976,997	2,977,384	2,991,329	2,976,903
Total Unused Capacity:	77,629	0	219,746	234,172
Total Excess Receipts:	0	(987)	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	PCC-C	*PCC-S	PCC-R	PCC-Z	PCC-A
Timely	3,050,023	3,000,656	2,977,384	0	-49,108	0	0	0
Evening	3,003,943	3,001,660	2,991,329	0	-2,278	0	0	0
Intraday 1	2,987,999	2,984,071	2,976,903	0	-3,902	0	0	0
Intraday 2	2,978,979	2,978,071	2,970,877	0	-903	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	PCC-C	*PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,952,274	2,950,511	2,935,566	0	-1,505	0	0	0	10,171	10,171	5,745	0	0	0	0	0
Evening	2,952,274	2,951,766	2,950,524	0	-504	0	0	0	10,171	10,171	5,745	0	0	0	0	0
Intraday 1	2,940,274	2,936,743	2,935,631	0	-3,509	0	0	0	5,757	5,757	5,745	0	0	0	0	0
Intraday 2	2,931,274	2,930,760	2,929,622	0	-510	0	0	0	5,757	5,757	5,745	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	PCC-C	*PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	*PCC-S	PCC-R	PCC-Z	PCC-A
Timely	23,095	22,801	22,801	0	-293	0	0	0	64,483	17,173	13,272	0	-47,310	0	0	0
Evening	23,095	22,801	22,801	0	-293	0	0	0	18,403	16,922	12,259	0	-1,481	0	0	0
Intraday 1	23,095	22,801	22,801	0	-293	0	0	0	18,873	18,770	12,726	0	-100	0	0	0
Intraday 2	23,095	22,801	22,801	0	-293	0	0	0	18,853	18,753	12,709	0	-100	0	0	0

* PCC-S cuts were due to capacity constraints within the Topock and Blythe Sub-zones caused by maintenance.

Maintenance Schedule Posted 04/20/2012 11:43 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Wth	Aliso Canyon	08/15/2012	10/19/2012 11:59:59 PM PCT	Aliso Canyon - Dehy II - Replace teg pumps	750	765750
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	310	316510
Storage Field - Inj	Playa del Rey	04/16/2012	04/23/2012 11:59:59 PM PCT	Playa Del Rey - Remove pig receiver and hydrotest station inlet and outlet line 1167	75	76575
Storage Field - Wth	Playa del Rey	04/16/2012	04/23/2012 11:59:59 PM PCT	Playa Del Rey - Remove pig receiver and hydrotest station inlet and outlet line 1167.	340	347140
Storage Field - Wth	Goleta	04/19/2012	05/13/2012 11:59:59 PM PCT	Goleta hydro test field lines Lines: 5026, 5027, & 159	140	142940
Storage Field - Inj	Goleta	04/19/2012	05/13/2012 11:59:59 PM PCT	Goleta hydro test field lines Lines: 5026, 5027, & 159	30	30630
Storage Field - Inj	Playa del Rey	04/23/2012	04/26/2012 11:59:59 PM PCT	Playa Del Rey - CB #6 Replace lube oil cooler regulating valve.	25	25525
Storage Field - Inj	Goleta	02/27/2012	08/31/2012 11:59:59 PM PCT	Goleta - Regrout Main Unit 9	30	30630
Storage Field - Inj	Goleta	05/14/2012	05/24/2012 11:59:59 PM PCT	Goleta - return field lines Lines: 5026, 5027, & 159 to service	105	107205
Zone	Southern Zone	04/10/2012	TBD	Force Majeure- L2001 anomalies identified from internal inspection requiring immediate repairs.	100	101200
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	06/08/2012 11:59:59 PM PCT	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Zone	CP-Line 85	04/12/2012	TBD	L85 Zone - L119 retrofit work for pigging operation and repairs to SL 45-120, no through put from L85 to the south.	45	51750
Storage Field - Inj	Aliso Canyon	04/25/2012	04/25/2012 11:59:59 PM PCT	Aliso - TDC's metering proving	50	51050
Storage Field - Wth	Aliso Canyon	04/03/2012	06/30/2012 11:59:59 PM PCT	Aliso - Dehy 1 out of service, heat exchanger and vessel cleaning	1100	1123100
Storage Field - Wth	Goleta	05/14/2012	05/24/2012 11:59:59 PM PCT	Goleta - return field lines Lines: 5026, 5027, & 159 to service	340	347140
Receipt Point	TW-Needles	04/09/2012	05/04/2012 11:59:59 PM PCT	Pressure testing supply lines from Transwestern metering station to North Needles Compressor Station	800	811200
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,371,855	2,371,855	2,341,768	2,341,768
Injection Capacity	735,000	735,000	710,000	710,000
Off-System Nominations	4,000	4,000	4,000	4,000
Net System Capacity:	3,110,855	3,110,855	3,055,768	3,055,768
Latest Scheduled Quantity	3,168,317	2,797,758	2,894,746	2,882,270
Total Unused Capacity:	0	313,097	161,022	173,498
Total Excess Receipts:	(57,462)	0	0	0

Total								
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,960,015	2,904,333	2,797,758	0	0	0	0	0
Evening	2,959,899	2,959,864	2,894,746	0	0	0	0	0
Intraday 1	2,944,124	2,944,090	2,882,270	0	0	0	0	0
Intraday 2	2,974,124	2,974,090	2,882,270	0	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

Firm Primary									Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,557,442	2,555,148	2,470,651	0	0	0	0	0	2,859	2,859	2,859	0	0	0	0	0
Evening	2,537,326	2,537,318	2,493,933	0	0	0	0	0	2,859	2,859	2,859	0	0	0	0	0
Intraday 1	2,524,745	2,524,738	2,484,450	0	0	0	0	0	2,859	2,859	2,859	0	0	0	0	0
Intraday 2	2,524,745	2,524,738	2,484,450	0	0	0	0	0	2,859	2,859	2,859	0	0	0	0	0

Firm Alternate Outside the Zone									Interruptible							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	31,291	30,766	30,766	0	0	0	0	0	368,423	315,560	293,482	0	0	0	0	0
Evening	51,291	51,291	51,291	0	0	0	0	0	368,423	368,396	346,663	0	0	0	0	0
Intraday 1	51,291	51,291	51,291	0	0	0	0	0	365,229	365,202	343,670	0	0	0	0	0
Intraday 2	51,291	51,291	51,291	0	0	0	0	0	395,229	395,202	343,670	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/19/2012. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,679,744	2,577,449	2,577,449	2,583,466
Injection Capacity	850,000	850,000	748,000	719,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,533,744	3,431,449	3,329,449	3,306,466
Latest On-System Scheduled Quantity	3,209,743	3,392,645	3,450,392	3,328,313
Total Unused Capacity:	324,001	38,804	0	0
Total Excess Receipts:	0	0	(120,943)	(21,847)

Attachment 1.a

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	*PCC-S	*PCC-R	*PCC-Z	PCC-A
Timely	3,434,818	3,426,808	3,392,645	0	0	-3,929	0	0
Evening	3,472,367	3,464,278	3,450,392	0	0	-3,600	-460	0
Intraday 1	3,453,174	3,336,456	3,328,313	-100,259	0	-4,604	0	0
Intraday 2	3,444,160	3,306,455	3,305,689	-123,251	-1,228	-3,601	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

Firm Primary								Firm Alternate Inside the Zone								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nomination	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	3,065,244	3,061,236	3,033,716	0	0	0	0	0	28,758	28,758	28,420	0	0	0	0	0
Evening	3,105,763	3,101,755	3,094,485	0	0	0	0	0	32,358	32,358	32,358	0	0	0	0	0
Intraday 1	3,104,496	3,095,813	3,088,921	0	0	0	0	0	32,358	32,358	32,358	0	0	0	0	0
Intraday 2	3,100,496	3,087,568	3,086,803	-7,715	0	0	0	0	32,358	32,358	32,358	0	0	0	0	0

Firm Alternate Outside the Zone								Interruptible								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	*PCC-R	PCC-Z	PCC-A	Nomination	SCG Confirmed	Scheduled	*PCC-C	*PCC-S	*PCC-R	*PCC-Z	PCC-A
Timely	146,004	142,030	142,030	0	0	-3,925	0	0	194,812	194,784	188,479	0	0	-4	0	0
Evening	130,557	126,955	126,955	0	0	-3,600	0	0	203,689	203,210	196,594	0	0	0	-460	0
Intraday 1	130,557	125,641	125,641	0	0	-4,604	0	0	185,763	82,644	81,393	-100,259	0	0	0	0
Intraday 2	130,557	117,030	117,030	-9,552	0	-3,601	0	0	180,749	69,499	69,498	-105,984	-1,228	0	0	0

* PCC-C cuts were due to reduction in storage field injection capacity.

* PCC-S cuts were due to capacity constraints within the Blythe Sub- zone caused by maintenance.

* PCC-R cuts were due to customer nominations exceeding capacity at the Kern River-Kramer Junction Receipt Point.

* PCC-Z cuts were due to customer nominations exceeding capacity at the Wheeler Zone.

Maintenance Schedule Posted 05/24/2012 03:28PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	05/25/2012	05/25/2012 11:59:59 PM PCT	Aliso Canyon - loss of injection capacity due to pipeline inspection at station inlet	100	102100
Storage Field - Inj	Goleta	06/01/2012	06/01/2012 11:59:59 PM PCT	La Goleta - Pour Chock on main unit 9	45	45945
Storage Field - Inj	Goleta	05/11/2012	05/24/2012 02:45:29 PM PCT	Goleta - return field lines Lines: 5026, 5027, & 150 to service	105	107205
Receipt Point	EP-Ehrenberg	06/22/2012	06/28/2012 11:59:59 PM PCT	Ehrenberg receipt point - retrofit L2000 for pigging	340	344420
Receipt Point	EP-Ehrenberg	06/16/2012	06/18/2012 11:59:59 PM PCT	Ehrenberg receipt point - retrofit L5000 for pigging	540	547020
Zone	CP-Line 85	04/12/2012	05/24/2012 01:22:52 PM PCT	L85 Zone - L110 retrofit work for pigging operation and repairs to SL 45-120, no through put from L85 to the south.	45	51750
Sub-Zone	EP-Ehrenberg/NBP-Blythe	05/19/2012	05/24/2012 01:22:26 PM PCT	Blythe Plant 2 - MU #11 Compressor bearing repair.	25	25325
Storage Field - Inj	Aliso Canyon	06/11/2012	06/15/2012 11:59:59 PM PCT	Aliso Canyon - Bentley Nevada upgrade to TDC's K-26 and K-27	140	142940
Sub-Zone	EP-Ehrenberg/NBP-Blythe	05/19/2012	05/24/2012 11:59:59 PM PCT	Blythe Plant 2 - MU #13 Compressor repair.	25	25325
Storage Field - Wth	Honor Rancho	05/28/2012	05/31/2012 11:59:59 PM PCT	Honor Rancho - Prep withdraw equipment for maintenance	500	510500
Storage Field - Inj	Playa del Rey	05/10/2012	TBD	Main unit #9 governor work	25	25525
Storage Field - Inj	Aliso Canyon	05/16/2012	05/25/2012 11:59:59 PM PCT	Aliso Canyon - K-4 out of service to repair compressor supports	20	20420
Storage Field - Inj	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	135	137835
Storage Field - Wth	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140

Storage Field - Wth	Honor Rancho	10/20/2012	10/31/2012 11:59:59 PM PCT	Honor rancho - Dehy maintenance	1000	1021000
Storage Field - Wth	Honor Rancho	08/15/2012	10/19/2012 11:59:59 PM PCT	Honor Rancho - Dehy maintenance	500	510500
Storage Field - Wth	Honor Rancho	08/03/2012	08/14/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	1000	1021000
Storage Field - Wth	Honor Rancho	06/16/2012	08/02/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	500	510500
Storage Field - Wth	Honor Rancho	06/01/2012	06/15/2012 11:59:59 PM PCT	Honor Rancho - Dehy maintenance	1000	1021000
Storage Field - Wth	Aliso Canyon	08/15/2012	10/19/2012 11:59:59 PM PCT	Aliso Canyon - Dehy II - Replace teg pumps	750	765750
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	310	316510
Storage Field - Inj	Goleta	02/27/2012	08/31/2012 11:59:59 PM PCT	Goleta - Regrout Main Unit 9	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	06/08/2012 11:59:59 PM PCT	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Storage Field - Wth	Aliso Canyon	04/03/2012	06/30/2012 11:59:59 PM PCT	Aliso - Dehy 1 out of service, heat exchanger and vessel cleaning	1100	1123100
Storage Field - Wth	Goleta	05/14/2012	05/24/2012 11:59:59 PM PCT	Goleta - return field lines Lines: 5026, 5027, & 159 to service	340	347140
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Schedule Posted 05/25/2012 11:51AM

Storage Field - Inj	Goleta	05/25/2012	08/31/2012 11:59:59 PM PCT	La Goleta - Regrout Mu # 9	30	30630
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,425,008	2,430,023	2,430,023	2,430,023
Injection Capacity	870,000	841,000	826,000	826,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,299,008	3,275,023	3,260,023	3,260,023
Latest On-System Scheduled Quantity	3,450,392	2,955,869	2,978,646	2,983,522
Total Unused Capacity:	0	319,154	281,377	276,501
Total Excess Receipts:	(151,384)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	3,024,170	3,010,632	2,955,869	0	0	0	0	0
Evening	3,001,744	2,999,831	2,978,646	0	0	0	0	0
Intraday 1	3,006,642	3,004,721	2,983,522	0	0	0	0	0
Intraday 2	2,982,586	2,980,665	2,960,180	0	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,986,129	2,974,438	2,921,461	0	0	0	0	0	593	593	593	0	0	0	0	0
Evening	2,963,443	2,963,439	2,943,777	0	0	0	0	0	593	593	593	0	0	0	0	0
Intraday 1	2,963,443	2,963,439	2,943,763	0	0	0	0	0	593	593	593	0	0	0	0	0
Intraday 2	2,939,387	2,939,383	2,920,421	0	0	0	0	0	593	593	593	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	4,016	3,671	3,671	0	0	0	0	0	33,432	31,930	30,144	0	0	0	0	0
Evening	4,276	4,276	4,276	0	0	0	0	0	33,432	31,523	30,000	0	0	0	0	0
Intraday 1	9,174	9,166	9,166	0	0	0	0	0	33,432	31,523	30,000	0	0	0	0	0
Intraday 2	9,174	9,166	9,166	0	0	0	0	0	33,432	31,523	30,000	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/26/2012
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,294,631	2,294,631	2,294,631	2,297,640
Injection Capacity	788,000	666,000	681,000	682,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	3,085,631	2,963,631	2,978,631	2,982,640
Latest On-System Scheduled Quantity	3,183,881	2,819,001	2,870,532	2,869,605
Total Unused Capacity:	0	144,630	108,099	113,035
Total Excess Receipts:	(98,250)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,981,519	2,975,963	2,819,001	0	0	0	0	0
Evening	3,012,221	3,005,751	2,870,532	0	0	0	0	0
Intraday 1	3,043,132	2,978,622	2,869,605	-61,023	0	0	0	0
Intraday 2	3,022,232	2,982,631	2,850,410	-39,589	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,689,390	2,687,179	2,599,713	0	0	0	0	0	6,998	6,998	6,998	0	0	0	0	0
Evening	2,689,390	2,685,875	2,660,328	0	0	0	0	0	6,998	6,998	6,993	0	0	0	0	0
Intraday 1	2,689,390	2,687,497	2,662,334	0	0	0	0	0	6,998	6,998	6,993	0	0	0	0	0
Intraday 2	2,660,979	2,660,971	2,635,852	0	0	0	0	0	6,998	6,998	6,813	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	32,900	31,245	31,245	0	0	0	0	0	252,231	250,541	181,045	0	0	0	0	0
Evening	32,900	32,087	32,087	0	0	0	0	0	282,933	280,791	171,124	0	0	0	0	0
Intraday 1	32,900	32,601	32,601	0	0	0	0	0	313,844	251,526	167,677	-61,023	0	0	0	0
Intraday 2	61,311	61,311	59,541	0	0	0	0	0	292,944	253,351	148,204	-39,589	0	0	0	0

* PCC-C cuts were due to reduction in storage field injection capacity.

Maintenance Posted 6/08/2012 10:53 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	06/08/2012	TBD	Due to increase in storage field inventory.	75	76575
Storage Field - Inj	Honor Rancho	06/08/2012	TBD	Due to increase in storage field inventory.	25	25525
Storage Field - Inj	Aliso Canyon	06/08/2012	TBD	Due to increase in storage field inventory.	30	30630
Storage Field - Inj	Goleta	06/07/2012	06/08/2012 11:59:59 PM PCT	Change out catalyst MU #4	25	25525
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	07/13/2012 11:59:59 PM PCT	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Storage Field - Wth	Goleta	06/12/2012	06/12/2012 11:59:59 PM PCT	Goleta - Subsurface testing 0800 - 1400	85	86785
Storage Field - Inj	Goleta	06/12/2012	06/12/2012 11:59:59 PM PCT	Goleta - Subsurface testing 0800 - 1400	25	25525
Receipt Point	EP-Ehrenberg	06/22/2012	06/30/2012 11:59:59 PM PCT	Ehrenberg receipt point - retrofit L2000 for pigging	75	75975
Receipt Point	EP-Ehrenberg	06/15/2012	06/18/2012 11:59:59 PM PCT	Ehrenberg receipt point - retrofit L5000 for pigging	280	283640
Storage Field - Inj	Honor Rancho	05/30/2012	06/15/2012 11:59:59 PM PCT	Honor Rancho - replace cam lobe on MU 3	50	51050
Storage Field - Inj	Goleta	05/25/2012	08/31/2012 11:59:59 PM PCT	La Goleta - Regrout Mu # 9	30	30630
Storage Field - Inj	Aliso Canyon	06/11/2012	06/15/2012 11:59:59 PM PCT	Aliso Canyon - Bentley Nevada upgrade to TDC's K-26 and K-27	140	142940
Storage Field - Inj	Playa del Rey	05/10/2012	TBD	Main unit #9 governor work	25	25525
Storage Field - Inj	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	135	137835
Storage Field - Wth	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Wth	Honor Rancho	10/20/2012	10/31/2012 11:59:59 PM PCT	Honor rancho - Dehy maintenance	1000	1021000
Storage Field - Wth	Honor Rancho	08/15/2012	10/19/2012 11:59:59 PM PCT	Honor Rancho - Dehy maintenance	500	510500
Storage Field - Wth	Honor Rancho	08/03/2012	08/14/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	1000	1021000

Storage Field - Wth	Honor Rancho	06/16/2012	08/02/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	500	510500
Storage Field - Wth	Honor Rancho	06/01/2012	06/15/2012 11:59:59 PM PCT	Honor Rancho - Dehy maintenance	1000	1021000
Storage Field - Wth	Aliso Canyon	08/15/2012	10/19/2012 11:59:59 PM PCT	Aliso Canyon - Dehy II - Replace teg pumps	750	765750
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	310	316510
Storage Field - Wth	Aliso Canyon	04/03/2012	06/30/2012 11:59:59 PM PCT	Aliso - Dehy 1 out of service, heat exchanger and vessel cleaning	1100	1123100
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Posted 6/08/2012 12:48 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	06/09/2012	TBD	Due to increase in storage field inventory.	15	15315

Maintenance Posted 6/08/2012 4:49 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	06/10/2012	06/08/2012 04:48:24 PM PCT	Main unit #0 governor work	25	25525
Storage Field - Inj	Aliso Canyon	06/08/2012	TBD	Due to current storage field inventory	30	30630
Storage Field - Inj	Honor Rancho	06/08/2012	TBD	Due to current storage field inventory	25	25525
Storage Field - Inj	Playa del Rey	06/09/2012	TBD	Due to current storage field inventory	75	76575
Storage Field - Inj	Goleta	06/07/2012	06/08/2012 01:32:58 PM PCT	Change-out catalyst MU #4	25	25525
Storage Field - Inj	Playa del Rey	06/08/2012	06/08/2012 11:59:59 PM PCT	Due to current storage field inventory	50	51050
Storage Field - Inj	Goleta	06/09/2012	TBD	Due to increase in storage field inventory.	15	15315

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,304,660	2,307,669	2,205,374	2,205,374
Injection Capacity	681,000	682,000	682,000	682,000
Off-System Nominations	3,000	3,000	3,000	3,000
Net System Capacity:	2,988,660	2,992,669	2,890,374	2,890,374
Latest Scheduled Quantity	2,870,532	2,940,962	2,931,907	2,860,044
Total Unused Capacity:	118,128	51,707	0	30,330
Total Excess Receipts:	0	0	(41,533)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	3,147,671	3,147,655	2,940,962	0	0	0	0	0
Evening	3,132,593	3,132,580	2,931,907	0	0	0	0	0
Intraday 1	3,124,093	2,890,369	2,860,044	-226,063	0	0	0	0
Intraday 2	3,099,181	2,890,371	2,775,701	-189,594	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary							Firm Alternate Inside the Zone								
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,758,674	2,758,666	2,731,577	0	0	0	0	0	7,015	7,015	6,643	0	0	0	0	0
Evening	2,758,674	2,758,666	2,731,468	0	0	0	0	0	7,015	7,015	6,643	0	0	0	0	0
Intraday 1	2,758,674	2,757,193	2,730,078	0	0	0	0	0	7,015	6,809	6,437	0	0	0	0	0
Intraday 2	2,744,745	2,743,203	2,652,956	0	0	0	0	0	7,015	7,015	6,996	0	0	0	0	0

	Firm Alternate Outside the Zone							Interruptible								
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	32,900	32,898	32,898	0	0	0	0	0	349,082	349,076	169,844	0	0	0	0	0
Evening	32,900	32,900	32,900	0	0	0	0	0	334,004	333,999	160,896	0	0	0	0	0
Intraday 1	32,900	32,696	32,696	0	0	0	0	0	325,504	93,671	90,833	-226,063	0	0	0	0
Intraday 2	32,900	32,446	32,446	0	0	0	0	0	314,521	107,707	83,303	-189,594	0	0	0	0

* PCC-C cuts were due to reduction in storage field injection capacity.

Maintenance Schedule Posted 6/10/2012 8:42AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	06/08/2012	TBD	Due to current storage field inventory	30	30630
Storage Field - Inj	Honor Rancho	06/08/2012	TBD	Due to current storage field inventory	25	25525
Storage Field - Inj	Playa del Rey	06/09/2012	TBD	Due to current storage field inventory	75	76575
Storage Field - Inj	Playa del Rey	06/08/2012	06/08/2012 11:59:59 PM PCT	Due to current storage field inventory	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	07/13/2012 11:59:59 PM PCT	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Storage Field - Wth	Goleta	06/12/2012	06/12/2012 11:59:59 PM PCT	Goleta - Subsurface testing 0800 - 1400	85	86785
Storage Field - Inj	Goleta	06/12/2012	06/12/2012 11:59:59 PM PCT	Goleta - Subsurface testing 0800 - 1400	25	25525
Receipt Point	EP-Ehrenberg	06/22/2012	06/30/2012 11:59:59 PM PCT	Ehrenberg receipt point - retrofit L2000 for pigging	75	75975
Receipt Point	EP-Ehrenberg	06/15/2012	06/18/2012 11:59:59 PM PCT	Ehrenberg receipt point - retrofit L5000 for pigging	280	283640
Storage Field - Inj	Honor Rancho	05/30/2012	06/15/2012 11:59:59 PM PCT	Honor Rancho - replace cam lobe on MU 3	50	51050
Storage Field - Inj	Goleta	05/25/2012	08/31/2012 11:59:59 PM PCT	La Goleta - Regrout Mu # 9	30	30630
Storage Field - Inj	Aliso Canyon	06/11/2012	06/15/2012 11:59:59 PM PCT	Aliso Canyon - Bentley Nevada upgrade to TDC's K-26 and K-27	140	142940
Storage Field - Inj	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	135	137835
Storage Field - Wth	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Wth	Honor Rancho	10/20/2012	10/31/2012 11:59:59 PM PCT	Honor rancho - Dehy maintenance	1000	1021000
Storage Field - Wth	Honor Rancho	08/15/2012	10/19/2012 11:59:59 PM PCT	Honor Rancho - Dehy maintenance	500	510500
Storage Field - Wth	Honor Rancho	08/03/2012	08/14/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	1000	1021000
Storage Field - Wth	Honor Rancho	06/16/2012	08/02/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	500	510500

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Wth	Honor Rancho	06/01/2012	06/15/2012 11:59:59 PM PCT	Honor Rancho - Dehy maintenance	1000	1021000
Storage Field - Wth	Aliso Canyon	08/15/2012	10/19/2012 11:59:59 PM PCT	Aliso Canyon - Dehy II - Replace teg pumps	750	765750
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	310	316510
Storage Field - Wth	Aliso Canyon	04/03/2012	06/30/2012 11:59:59 PM PCT	Aliso - Dehy 1 out of service, heat exchanger and vessel cleaning	1100	1123100
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626
<p>Although SoCalGas has used reasonable efforts to assure its accuracy and timeliness, this information is preliminary operational data and can be negatively impacted by delays or errors in electronic transfers, data entry, communication failures, or other causes. No representation is made that the contents are free from error. SoCalGas assumes no responsibility for use of, or reliance on, this information by any party, and specifically advises such parties to discuss any decisions or actions related hereto with their own advisors and experts. Please also note that Storage field injection/withdrawal capacities are adjusted periodically depending on field pressures.</p>						
Last updated: 06/10/2012 08:42:03 AM PCT						

Maintenance Schedule Posted 6/10/2012 02:09PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	06/10/2012	TBD	Main unit #1 high discharge pressure reading unit will not stay running.	50	51050

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,294,631	2,294,631	2,350,794	2,324,718
Injection Capacity	808,000	808,000	810,000	810,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	3,105,631	3,105,631	3,163,794	3,137,718
Latest On-System Scheduled Quantity	3,236,919	2,806,759	2,878,189	2,883,235
Total Unused Capacity:	0	298,872	285,605	254,483
Total Excess Receipts:	(131,288)	0	0	0

Total								
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	3,049,350	3,031,822	2,806,759	0	0	0	0	0
Evening	2,996,768	2,986,709	2,878,189	0	0	0	0	0
Intraday 1	2,989,368	2,989,309	2,883,235	0	0	0	0	0
Intraday 2	2,986,059	2,986,000	2,887,560	0	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

Firm Primary								Firm Alternate Inside the Zone								
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,900,275	2,888,616	2,727,887	0	0	0	0	0	30,497	30,497	30,497	0	0	0	0	0
Evening	2,900,286	2,890,227	2,788,449	0	0	0	0	0	40,497	40,497	40,497	0	0	0	0	0
Intraday 1	2,890,286	2,890,227	2,790,895	0	0	0	0	0	40,497	40,497	40,497	0	0	0	0	0
Intraday 2	2,886,977	2,886,918	2,795,220	0	0	0	0	0	40,497	40,497	40,497	0	0	0	0	0

Firm Alternate Outside the Zone								Interruptible								
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	34,751	34,234	34,191	0	0	0	0	0	83,827	78,475	14,184	0	0	0	0	0
Evening	34,751	34,751	34,708	0	0	0	0	0	21,234	21,234	14,535	0	0	0	0	0
Intraday 1	34,751	34,751	34,708	0	0	0	0	0	23,834	23,834	17,135	0	0	0	0	0
Intraday 2	34,751	34,751	34,708	0	0	0	0	0	23,834	23,834	17,135	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 06/16/2012
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,248,498	2,018,834	1,916,539	1,916,539
Injection Capacity	810,000	810,000	810,000	810,000
Off-System Nominations	3,000	3,000	3,000	3,000
Net System Capacity:	3,061,498	2,831,834	2,729,539	2,729,539
Latest Scheduled Quantity	2,786,789	2,744,049	2,900,801	2,724,132
Total Unused Capacity:	274,709	87,785	0	5,407
Total Excess Receipts:	0	0	(171,262)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,875,091	2,871,334	2,744,049	0	0	0	0	0
Evening	2,941,936	2,938,179	2,900,801	0	0	0	0	0
Intraday 1	2,866,162	2,729,540	2,724,132	-122,171	0	0	0	0
Intraday 2	2,837,940	2,729,537	2,695,631	-87,078	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,669,753	2,665,997	2,568,916	0	0	0	0	0	25,603	25,603	25,603	0	0	0	0	0
Evening	2,756,840	2,753,084	2,724,840	0	0	0	0	0	25,603	25,603	25,603	0	0	0	0	0
Intraday 1	2,711,750	2,670,884	2,665,576	-32,465	0	0	0	0	25,603	8,534	8,534	-16,902	0	0	0	0
Intraday 2	2,696,900	2,670,981	2,637,075	-10,361	0	0	0	0	25,603	8,534	8,534	-16,173	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	28,123	28,123	28,122	0	0	0	0	0	151,612	151,611	121,408	0	0	0	0	0
Evening	96,243	96,243	96,242	0	0	0	0	0	63,250	63,249	54,116	0	0	0	0	0
Intraday 1	96,243	32,082	32,082	-62,154	0	0	0	0	32,566	18,040	17,940	-10,650	0	0	0	0
Intraday 2	82,871	32,082	32,082	-49,406	0	0	0	0	32,566	17,940	17,940	-11,138	0	0	0	0

* PCC-C cuts were due to customer over nomination and reduction in Forecasted Send Out.

Maintenance Schedule Posted 6/22/2012 1:53 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	06/18/2012	06/22/2012 01:53:00 PM PCT	Playa Del Rey - GB#9 repair leaking compressor	25	25525
Storage Field - Wth	Honor Rancho	06/15/2012	08/02/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	500	510500
Receipt Point	EP-Ehrenberg	06/22/2012	06/30/2012 11:59:59 PM PCT	Ehrenberg receipt point - retrofit L2000 for pigging	337	341381
Storage Field - Inj	Aliso Canyon	06/08/2012	TBD	Due to current storage field inventory	30	30630
Storage Field - Inj	Honor Rancho	06/08/2012	TBD	Due to current storage field inventory	25	25525
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	07/13/2012 11:59:59 PM PCT	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Storage Field - Inj	Goleta	05/25/2012	08/31/2012 11:59:59 PM PCT	La Goleta - Regrout Mu # 9	30	30630
Storage Field - Inj	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	135	137835
Storage Field - Wth	Goleta	10/01/2012	11/22/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Wth	Honor Rancho	10/20/2012	10/31/2012 11:59:59 PM PCT	Honor rancho - Dehy maintenance	1000	1021000
Storage Field - Wth	Honor Rancho	08/15/2012	10/19/2012 11:59:59 PM PCT	Honor Rancho - Dehy maintenance	500	510500
Storage Field - Wth	Honor Rancho	08/03/2012	08/14/2012 11:59:59 PM PCT	Honor Rancho - Dehy Maintenance	1000	1021000
Storage Field - Wth	Aliso Canyon	08/15/2012	10/19/2012 11:59:59 PM PCT	Aliso Canyon - Dehy II - Replace teg pumps	750	765750
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Aliso Canyon	11/01/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	310	316510
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,401,100	2,401,100	2,408,127	2,383,032
Injection Capacity	850,000	834,000	837,000	837,000
Off-System Nominations	2,000	2,000	2,000	2,000
Net System Capacity:	3,253,100	3,237,100	3,247,127	3,222,032
Latest Scheduled Quantity	3,269,579	2,847,762	2,924,872	2,931,373
Total Unused Capacity:	0	389,338	322,255	290,659
Total Excess Receipts:	(16,479)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	*PCC-R	PCC-Z	PCC-A
Timely	3,005,061	2,976,153	2,847,762	0	0	-14,072	0	0
Evening	2,947,544	2,940,930	2,924,872	0	0	-6,607	0	0
Intraday 1	2,947,544	2,947,537	2,931,373	0	0	0	0	0
Intraday 2	2,917,544	2,917,073	2,899,004	0	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nomination	SCG Confirmed	Scheduled	PCC-Q	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,187,445	2,179,886	2,153,552	0	0	0	0	0	20,269	20,269	20,269	0	0	0	0	0
Evening	2,172,519	2,172,513	2,171,962	0	0	0	0	0	20,269	20,269	20,269	0	0	0	0	0
Intraday 1	2,172,519	2,172,513	2,171,978	0	0	0	0	0	20,269	20,269	20,269	0	0	0	0	0
Intraday 2	2,142,519	2,142,240	2,141,714	0	0	0	0	0	20,269	20,269	20,269	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A	Nomination	SCG Confirmed	Scheduled	PCC-Q	PCC-S	*PCC-R	PCC-Z	PCC-A
Timely	73,221	72,594	70,739	0	0	0	0	0	724,126	703,404	603,202	0	0	-14,072	0	0
Evening	78,371	78,371	78,371	0	0	0	0	0	676,385	669,777	654,270	0	0	-6,607	0	0
Intraday 1	78,371	78,371	78,371	0	0	0	0	0	676,385	676,384	660,755	0	0	0	0	0
Intraday 2	78,371	78,220	78,220	0	0	0	0	0	676,385	676,344	658,801	0	0	0	0	0

* PCC-R cuts were due to customer over nomination at the Kern River-Kramer Junction Receipt Point.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,195,543	2,271,770	2,271,770	2,351,006
Injection Capacity	850,000	850,000	799,000	799,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,049,543	3,125,770	3,074,770	3,154,006
Latest On-System Scheduled Quantity	3,072,482	2,892,000	2,926,099	2,921,886
Total Unused Capacity:	0	233,770	148,671	232,120
Total Excess Receipts:	(22,939)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,002,334	2,973,612	2,892,000	0	0	0	0	0
Evening	2,950,702	2,950,468	2,926,099	0	0	0	0	0
Intraday 1	2,951,066	2,951,062	2,921,886	0	0	0	0	0
Intraday 2	2,965,204	2,962,052	2,928,217	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,283,344	2,282,903	2,270,818	0	0	0	0	0	30,774	30,773	30,767	0	0	0	0	0
Evening	2,283,407	2,283,174	2,282,072	0	0	0	0	0	30,774	30,773	30,771	0	0	0	0	0
Intraday 1	2,283,407	2,283,404	2,283,394	0	0	0	0	0	30,774	30,773	30,771	0	0	0	0	0
Intraday 2	2,283,407	2,283,380	2,283,370	0	0	0	0	0	30,772	30,771	30,771	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	33,675	33,675	29,537	0	0	0	0	0	654,541	626,261	560,878	0	0	0	0	0
Evening	33,675	33,675	33,675	0	0	0	0	0	602,846	602,846	579,581	0	0	0	0	0
Intraday 1	33,675	33,675	33,675	0	0	0	0	0	603,210	603,210	574,046	0	0	0	0	0
Intraday 2	33,675	33,675	33,675	0	0	0	0	0	617,350	614,226	580,401	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 10/06/2012. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,682,995	2,682,995	2,759,222	2,759,222
Injection Capacity	708,000	433,000	433,000	433,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	14,102
Net System Capacity:	3,394,995	3,119,995	3,196,222	3,206,324
Latest On-System Scheduled Quantity	3,114,445	3,200,527	3,224,562	3,071,580
Total Unused Capacity:	280,550	0	0	134,744
Total Excess Receipts:	0	(80,532)	(28,340)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,393,651	3,278,850	3,200,527	0	-434	0	-114,107	0
Evening	3,352,552	3,290,204	3,224,562	0	0	0	0	0
Intraday 1	3,158,045	3,096,305	3,071,580	0	0	0	0	0
Intraday 2	3,147,678	3,104,197	3,076,755	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,640,533	2,640,273	2,583,289	0	0	0	0	0	73,807	73,807	73,807	0	0	0	0	0
Evening	2,736,622	2,710,307	2,686,493	0	0	0	0	0	73,807	73,807	73,807	0	0	0	0	0
Intraday 1	2,584,108	2,563,740	2,555,337	0	0	0	0	0	73,807	73,807	72,363	0	0	0	0	0
Intraday 2	2,569,108	2,566,314	2,556,000	0	0	0	0	0	73,807	73,807	72,363	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	28,449	20,687	20,687	0	0	0	-7,762	0	650,862	544,083	522,744	0	-434	0	-106,345	0
Evening	52,419	52,419	52,419	0	0	0	0	0	489,704	453,671	411,843	0	0	0	0	0
Intraday 1	70,113	67,097	66,857	0	0	0	0	0	430,017	391,661	377,023	0	0	0	0	0
Intraday 2	74,746	71,730	71,730	0	0	0	0	0	430,017	392,346	376,662	0	0	0	0	0

* CCR-S cuts were due to customer over nomination within the North Needles Sub-Zone.
 * CCR-Z cuts were due to customer over nomination within the Northern Zone.

Home	OFO Ledger	Daily Operations	Operating Capacity	Capacity Utilization	Allocations		
OFO Calculation - 10/11/2012 Archive Event History Today Tomorrow					Flow Date: 10/11/2012	<input type="button" value="GO"/>	<input type="button" value="Des"/>
		Timely	Evening	Intraday 1	Intraday 2		
	OFO Declared:	YES	YES	YES	YES		
	Forecasted Send Out	2,719,103	2,719,103	2,651,903	2,651,903		
	Injection Capacity	433,000	433,000	433,000	759,000		
	Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000		
	Net System Capacity:	3,156,103	3,156,103	3,088,903	3,414,903		
	Latest On-System Scheduled Quantity	3,224,562	2,660,842	2,715,982	2,776,313		
	Total Unused Capacity:	0	495,261	372,921	638,590		
	Total Excess Receipts:	(68,459)	0	0	0		

	Total							
	Nominatid	SCG Conf	Scheduled	CCR-	CCR-	PCC-R	*CCR-Z	CCR-A
Timely	2,835,773	2,789,744	2,660,842	0	0	0	-16,496	0
Evening	2,781,420	2,780,934	2,715,982	0	0	0	0	0
Intraday 1	2,813,213	2,813,208	2,776,313	0	0	0	0	0
Intraday 2	2,831,851	2,831,846	2,800,469	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominatid	SCG Conf	Scheduled	CCR-	CCR-	PCC-R	CCR-Z	CCR-	Nominatid	SCG Conf	Schedule	CCR-	CCR-	PCC-R	CCR-Z	CCR-A
Timely	2,374,853	2,346,805	2,315,196	0	0	0	0	0	73,276	73,276	58,995	0	0	0	0	0
Evening	2,297,354	2,296,869	2,268,971	0	0	0	0	0	73,276	73,276	58,995	0	0	0	0	0
Intraday 1	2,338,871	2,338,866	2,320,982	0	0	0	0	0	73,276	73,276	66,032	0	0	0	0	0
Intraday 2	2,339,070	2,339,065	2,326,755	0	0	0	0	0	73,276	73,276	66,028	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominatid	SCG Conf	Scheduled	CCR-	CCR-	PCC-R	CCR-Z	CCR-	Nominatid	SCG Conf	Schedule	CCR-	CCR-	PCC-R	*CCR-Z	CCR-A
Timely	114,214	112,957	50,491	0	0	0	0	0	273,430	256,706	236,160	0	0	0	-16,496	0
Evening	69,321	69,320	58,903	0	0	0	0	0	341,469	341,469	329,113	0	0	0	0	0
Intraday 1	59,596	59,596	59,596	0	0	0	0	0	341,470	341,470	329,703	0	0	0	0	0
Intraday 2	59,596	59,596	59,596	0	0	0	0	0	359,909	359,909	348,090	0	0	0	0	0

OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

* CCR-Z cuts were due to customer over nomination within the Northern Zone.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,616,798	2,616,798	2,616,798	2,682,995
Injection Capacity	620,000	620,000	620,000	620,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,240,798	3,240,798	3,240,798	3,306,995
Latest On-System Scheduled Quantity	3,243,981	3,071,078	3,076,043	3,196,349
Total Unused Capacity:	0	169,720	164,755	110,646
Total Excess Receipts:	(3,183)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,249,984	3,128,681	3,071,078	0	0	0	0	0
Evening	3,233,441	3,096,808	3,076,043	0	0	0	0	0
Intraday 1	3,242,920	3,227,741	3,196,349	0	0	0	0	0
Intraday 2	3,222,651	3,207,436	3,176,524	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,443,948	2,431,781	2,391,593	0	0	0	0	0	36,399	36,399	36,015	0	0	0	0	0
Evening	2,483,565	2,407,211	2,393,469	0	0	0	0	0	36,399	36,399	36,090	0	0	0	0	0
Intraday 1	2,478,044	2,476,102	2,469,849	0	0	0	0	0	36,090	36,090	36,090	0	0	0	0	0
Intraday 2	2,473,029	2,471,044	2,466,659	0	0	0	0	0	36,090	36,089	36,089	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	84,620	38,398	22,382	0	0	0	0	0	685,017	622,103	621,088	0	0	0	0	0
Evening	45,013	24,703	24,499	0	0	0	0	0	668,464	628,495	621,985	0	0	0	0	0
Intraday 1	50,322	50,322	44,646	0	0	0	0	0	678,464	665,227	645,764	0	0	0	0	0
Intraday 2	50,322	50,312	50,311	0	0	0	0	0	663,210	649,991	623,465	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 10/19/2012. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,294,839	2,294,839	2,294,839	2,345,991
Injection Capacity	620,000	620,000	620,000	620,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	5,011
Net System Capacity:	2,918,839	2,918,839	2,918,839	2,971,002
Latest On-System Scheduled Quantity	3,076,043	2,781,569	2,838,541	2,798,651
Total Unused Capacity:	0	137,270	80,298	172,351
Total Excess Receipts:	(157,204)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,942,507	2,886,225	2,781,569	0	0	0	0	0
Evening	2,917,371	2,882,509	2,838,541	0	0	0	0	0
Intraday 1	2,901,371	2,842,037	2,798,651	0	0	0	0	0
Intraday 2	2,908,401	2,905,455	2,859,456	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,391,270	2,349,999	2,291,963	0	0	0	0	0	10,000	10,000	10,000	0	0	0	0	0
Evening	2,420,208	2,385,350	2,343,132	0	0	0	0	0	10,000	10,000	10,000	0	0	0	0	0
Intraday 1	2,425,721	2,366,389	2,330,108	0	0	0	0	0	10,000	10,000	10,000	0	0	0	0	0
Intraday 2	2,425,691	2,422,746	2,383,849	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	96,494	96,483	67,360	0	0	0	0	0	444,743	429,743	412,246	0	0	0	0	0
Evening	67,557	67,553	67,542	0	0	0	0	0	419,606	419,606	417,867	0	0	0	0	0
Intraday 1	62,044	62,042	62,042	0	0	0	0	0	403,606	403,606	396,501	0	0	0	0	0
Intraday 2	62,044	62,043	62,043	0	0	0	0	0	415,666	415,666	408,564	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 10/20/2012. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,278,791	2,278,791	2,278,791	2,385,108
Injection Capacity	621,000	621,000	621,000	624,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,903,791	2,903,791	2,903,791	3,013,108
Latest On-System Scheduled Quantity	3,032,892	2,718,106	2,895,528	2,864,017
Total Unused Capacity:	0	185,685	8,263	149,091
Total Excess Receipts:	(129,101)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,962,572	2,903,101	2,718,106	0	0	0	0	0
Evening	2,954,266	2,931,408	2,895,528	0	0	0	0	0
Intraday 1	2,940,642	2,903,797	2,864,017	-36,815	-2	0	0	0
Intraday 2	2,940,646	2,940,528	2,861,533	0	-2	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary					Firm Alternate Inside the Zone										
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,556,445	2,523,473	2,440,337	0	0	0	0	0	50,184	50,184	50,184	0	0	0	0	0
Evening	2,558,117	2,558,089	2,544,053	0	0	0	0	0	50,184	50,184	50,183	0	0	0	0	0
Intraday 1	2,550,143	2,550,115	2,522,302	0	0	0	0	0	50,184	50,182	50,181	0	-2	0	0	0
Intraday 2	2,550,143	2,550,116	2,515,341	0	0	0	0	0	50,184	50,182	50,180	0	-2	0	0	0

	Firm Alternate Outside the Zone					Interruptible										
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	56,302	56,302	54,571	0	0	0	0	0	299,641	273,142	173,014	0	0	0	0	0
Evening	56,302	56,302	56,302	0	0	0	0	0	289,663	266,833	244,990	0	0	0	0	0
Intraday 1	56,302	56,302	56,302	0	0	0	0	0	284,013	247,198	235,232	-36,815	0	0	0	0
Intraday 2	56,302	56,302	56,302	0	0	0	0	0	284,017	283,928	239,710	0	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity.

* CCR-S cuts were due to customer over nomination within the Topock Sub- zone.

Maintenance Schedule Posted 10/27/2012 5:37 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	10/27/2012	10/29/2012 11:59:59 PM PCT	Honor Rancho MU #4 repair or replace faulty fuel meter.	45	45945
Storage Field - Inj	Honor Rancho	11/05/2012	03/31/2013 11:59:59 PM PCT	Honor Ranch - Overhaul M/U #2 compressors	50	51050
Zone	Wheeler Ridge Zone	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Receipt Point	KR/MO-Wheeler Ridge	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Receipt Point	PGE-Wheeler Ridge	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	40	40840
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Zone	CP-Line 85	10/29/2012	10/31/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit work for pigging operation - no throughput from L85 to the south	45	51750
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140

Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	310	316510
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,513,490	2,511,484	2,511,484	2,608,774
Injection Capacity	577,000	577,000	270,000	316,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,094,490	3,092,484	2,785,484	2,928,774
Latest On-System Scheduled Quantity	2,951,482	2,858,926	2,870,463	2,655,466
Total Unused Capacity:	143,008	233,558	0	273,308
Total Excess Receipts:	0	0	(84,979)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,030,194	3,000,020	2,858,926	0	-2	0	0	0
Evening	3,000,194	2,998,014	2,870,463	0	-2,008	0	0	0
Intraday 1	2,909,974	2,785,482	2,655,466	-105,147	0	0	0	0
Intraday 2	2,788,703	2,788,676	2,687,157	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,599,527	2,569,356	2,529,575	0	0	0	0	0	50,184	50,182	50,182	0	-2	0	0	0
Evening	2,569,527	2,569,356	2,529,931	0	0	0	0	0	50,184	48,176	48,176	0	-2,008	0	0	0
Intraday 1	2,565,188	2,565,160	2,435,167	0	0	0	0	0	47,684	47,684	47,674	0	0	0	0	0
Intraday 2	2,456,577	2,456,551	2,420,743	0	0	0	0	0	47,684	47,684	47,672	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	56,302	56,302	54,513	0	0	0	0	0	324,181	324,180	224,656	0	0	0	0	0
Evening	56,302	56,302	56,302	0	0	0	0	0	324,181	324,180	236,054	0	0	0	0	0
Intraday 1	56,302	56,302	56,302	0	0	0	0	0	240,800	116,336	116,323	-105,147	0	0	0	0
Intraday 2	0	0	0	0	0	0	0	0	228,140	228,139	164,516	0	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity.
 * CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.

Maintenance Schedule Posted 10/28/2012 11:54 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	10/28/2012	11/02/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Storage Field - Inj	Honor Rancho	10/27/2012	10/29/2012 11:59:59 PM PCT	Honor Rancho MU #4 repair or replace faulty fuel meter.	45	45945
Storage Field - Inj	Honor Rancho	11/05/2012	03/31/2013 11:59:59 PM PCT	Honor Ranch - Overhaul MU #2 compressors	50	51050
Zone	Wheeler Ridge Zone	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Receipt Point	KR/MO-Wheeler Ridge	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Receipt Point	PGE-Wheeler Ridge	11/12/2012	11/12/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	40	40840
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Zone	CP-Line 85	10/29/2012	10/31/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit work for pigging operation - no throughput from L85 to the south	45	51750

Storage Field - With	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	310	316510
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Posted 10/29/2012 10:45 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	10/27/2012	10/29/2012 10:45:12 AM PCT	Honor Rancho MU #4 repair or replace faulty fuel meter.	45	45945

Maintenance Posted 10/29/2012 01:38 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Zone	GP-Line-85	10/29/2012	10/29/2012 01:45:20 PM PCT	L85 Zone - L119 retrofit work for pigging operation - no throughput from L85 to the south	45	51750

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,516,499	2,557,622	2,659,927	2,634,852
Injection Capacity	316,000	316,000	331,000	331,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,836,499	2,877,622	2,994,927	2,969,852
Latest On-System Scheduled Quantity	2,870,463	2,517,644	2,603,308	2,613,354
Total Unused Capacity:	0	359,978	391,619	356,498
Total Excess Receipts:	(33,964)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,644,893	2,586,416	2,517,644	0	-4,271	0	0	0
Evening	2,722,827	2,690,586	2,603,308	0	-6,056	0	0	0
Intraday 1	2,733,802	2,727,732	2,613,354	0	-6,055	0	0	0
Intraday 2	2,779,523	2,773,452	2,656,560	0	-6,056	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,432,122	2,403,124	2,343,754	0	-4,271	0	0	0	14,713	12,916	12,641	0	0	0	0	0
Evening	2,432,125	2,426,682	2,348,640	0	-4,271	0	0	0	14,713	12,916	12,807	0	-1,785	0	0	0
Intraday 1	2,421,481	2,417,209	2,337,332	0	-4,270	0	0	0	14,713	12,916	12,629	0	-1,785	0	0	0
Intraday 2	2,424,142	2,419,869	2,340,731	0	-4,271	0	0	0	14,713	12,916	12,785	0	-1,785	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	11,346	11,346	11,346	0	0	0	0	0	186,712	159,030	149,903	0	0	0	0	0
Evening	11,346	11,346	11,346	0	0	0	0	0	264,643	239,642	230,515	0	0	0	0	0
Intraday 1	19,190	19,190	19,105	0	0	0	0	0	278,418	278,417	244,288	0	0	0	0	0
Intraday 2	29,190	29,190	26,446	0	0	0	0	0	311,478	311,477	276,598	0	0	0	0	0

*CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.

Maintenance Schedule Posted 10/29/2012 01:38 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Zone	CP-Line 85	10/29/2012	10/29/2012 01:15:20 PM PCT	L85 Zone - L119 retrofit work for pigging operation - no throughput from L85 to the south	45	51750
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Storage Field - Inj	Honor Rancho	11/05/2012	03/31/2013 11:59:59 PM PCT	Honor Ranch - Overhaul M/U #2 compressors	50	51050
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575

			PCT			
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,608,774	2,608,774	2,583,699	2,583,699
Injection Capacity	331,000	331,000	331,000	331,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,943,774	2,943,774	2,918,699	2,918,699
Latest On-System Scheduled Quantity	2,603,308	2,907,196	3,002,081	2,911,322
Total Unused Capacity:	340,466	36,578	0	7,377
Total Excess Receipts:	0	0	(83,382)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,099,157	3,068,911	2,907,196	0	-7,273	0	-406	0
Evening	3,076,885	3,068,177	3,002,081	0	-3,262	0	-5,410	0
Intraday 1	3,072,716	2,918,694	2,914,165	-114,535	-3,262	0	0	0
Intraday 2	3,054,921	2,918,704	2,881,663	-105,540	-2,258	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,702,323	2,672,502	2,572,468	0	-7,273	0	0	0	36,046	36,034	35,632	0	0	0	0	0
Evening	2,761,170	2,757,897	2,736,220	0	-3,262	0	0	0	36,046	36,034	35,687	0	0	0	0	0
Intraday 1	2,756,839	2,704,192	2,700,169	-47,600	-3,262	0	0	0	36,046	11,894	11,894	-24,139	0	0	0	0
Intraday 2	2,750,350	2,704,582	2,669,701	-41,928	-2,258	0	0	0	29,380	11,894	11,894	-17,473	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	15,914	15,913	15,913	0	0	0	0	0	344,874	344,462	283,183	0	0	0	-406	0
Evening	15,914	15,914	15,914	0	0	0	0	0	263,755	258,332	214,260	0	0	0	-5,410	0
Intraday 1	20,796	19,562	19,562	-1,234	0	0	0	0	259,035	183,046	182,540	-41,562	0	0	0	0
Intraday 2	24,903	19,562	19,562	-3,194	0	0	0	0	250,288	182,666	180,506	-42,945	0	0	0	0

*CCR-C cuts were due to reduction in storage field injection capacity.
 *CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.
 *CCR-Z cuts were due to capacity constraints within the Northern Zone caused by maintenance.

Maintenance Schedule Posted 10/29/2012 01:38 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Zone	CP-Line 85	10/29/2012	10/29/2012 04:15:20 PM PCT	L85 Zone - L119 retrofit work for pigging operation - no throughput from L85 to the south	45	51750
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Storage Field - Inj	Honor Rancho	11/05/2012	03/31/2013 11:59:59 PM PCT	Honor Ranch - Overhaul M/U #2 compressors	50	51050
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140

Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,572,667	2,572,667	2,572,667	2,567,652
Injection Capacity	331,000	331,000	331,000	330,000
Latest Off-System Scheduled Quantity	4,000	6,000	6,000	6,000
Net System Capacity:	2,907,667	2,909,667	2,909,667	2,903,652
Latest On-System Scheduled Quantity	3,002,081	2,454,254	2,563,246	2,693,820
Total Unused Capacity:	0	455,413	346,421	209,832
Total Excess Receipts:	(94,414)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,684,178	2,653,485	2,454,254	0	0	0	0	0
Evening	2,677,259	2,676,294	2,563,246	0	0	0	0	0
Intraday 1	2,736,879	2,735,966	2,693,820	0	0	0	0	0
Intraday 2	2,736,331	2,736,005	2,699,070	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,124,721	2,108,974	2,014,654	0	0	0	0	0	19,258	19,256	18,812	0	0	0	0	0
Evening	2,097,094	2,096,637	2,043,957	0	0	0	0	0	56,728	56,726	56,208	0	0	0	0	0
Intraday 1	2,096,898	2,096,587	2,082,611	0	0	0	0	0	56,728	56,726	56,217	0	0	0	0	0
Intraday 2	2,095,904	2,095,902	2,086,916	0	0	0	0	0	56,728	56,726	56,264	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	46,037	45,232	45,232	0	0	0	0	0	494,162	480,023	375,556	0	0	0	0	0
Evening	47,531	47,029	47,029	0	0	0	0	0	475,906	475,902	416,052	0	0	0	0	0
Intraday 1	47,531	47,257	47,257	0	0	0	0	0	535,722	535,396	507,735	0	0	0	0	0
Intraday 2	47,977	47,977	47,977	0	0	0	0	0	535,722	535,400	507,913	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 11/01/12. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,491,424	2,450,302	2,450,302	2,537,562
Injection Capacity	331,000	330,000	330,000	330,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,828,424	2,786,302	2,786,302	2,873,562
Latest On-System Scheduled Quantity	2,563,246	2,659,303	2,957,370	2,782,906
Total Unused Capacity:	265,178	126,999	0	90,656
Total Excess Receipts:	0	0	(171,068)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	*CCR-R	*CCR-Z	CCR-A
Timely	3,095,655	2,934,186	2,659,303	0	-40,000	-36,571	-44,452	0
Evening	3,100,547	3,060,539	2,957,370	0	0	0	-39,957	0
Intraday 1	3,080,094	2,786,301	2,782,906	-274,087	0	0	-15,201	0
Intraday 2	3,041,245	2,873,561	2,850,562	-139,843	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,400,357	2,399,040	2,150,535	0	0	0	0	0	45,302	782	693	0	-11,510	0	0	0
Evening	2,503,315	2,503,286	2,419,704	0	0	0	0	0	70,252	70,252	65,333	0	0	0	0	0
Intraday 1	2,480,005	2,303,050	2,300,267	-175,830	0	0	0	0	70,252	21,777	21,777	-48,337	0	0	0	0
Intraday 2	2,480,005	2,396,643	2,373,744	-76,623	0	0	0	0	33,377	21,777	21,777	-11,599	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	*CCR-R	*CCR-Z	CCR-A
Timely	39,522	33,416	32,727	0	0	0	0	0	610,474	500,948	475,348	0	-28,490	-36,571	-44,452	0
Evening	35,911	13,084	13,084	0	0	0	-22,805	0	491,069	473,917	459,249	0	0	0	-17,152	0
Intraday 1	56,411	26,508	26,008	-29,881	0	0	0	0	473,426	434,966	434,854	-20,039	0	0	-15,201	0
Intraday 2	56,387	26,008	26,008	-30,377	0	0	0	0	471,476	429,133	429,033	-21,244	0	0	0	0

- * CCR-C cuts were due to customer over nominations.
- * CCR-S cuts were due to capacity constraints within the North Needles Sub- zone caused by maintenance.
- * CCR-R cuts were due to capacity constraints at the Transwestern-Needles Receipt Point caused by maintenance.
- * CCR-Z cuts were due to capacity constraints within the Northern Zone caused by maintenance.

Maintenance Schedule Posted 11/01/2012 03:46PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/05/2012	11/09/2012 11:59:59 PM PCT	Ehrenburge DiGi control replacement units #9& 10.	50	50650
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Storage Field - Inj	Honor Rancho	11/05/2012	03/31/2013 11:59:59 PM PCT	Honor Ranch - Overhaul M/U #2 compressors	50	51050
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140

Maintenance Schedule Posted 11/02/2012 01:16PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,297,848	2,337,967	2,337,967	2,220,617
Injection Capacity	330,000	300,000	300,000	300,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,633,848	2,643,967	2,643,967	2,526,617
Latest On-System Scheduled Quantity	2,957,370	2,625,093	2,672,151	2,613,051
Total Unused Capacity:	0	18,874	0	0
Total Excess Receipts:	(323,522)	0	(28,184)	(86,434)

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,842,269	2,803,126	2,715,093	0	0	0	0	0
Evening	2,770,214	2,743,469	2,672,151	0	0	0	0	0
Intraday 1	2,760,103	2,643,962	2,613,051	-106,284	0	0	0	0
Intraday 2	2,708,967	2,526,619	2,516,531	-175,975	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,266,264	2,244,071	2,204,862	0	0	0	0	0	42	42	40	0	0	0	0	0
Evening	2,236,543	2,234,044	2,202,736	0	0	0	0	0	42	42	42	0	0	0	0	0
Intraday 1	2,236,432	2,233,982	2,203,760	0	0	0	0	0	42	42	42	0	0	0	0	0
Intraday 2	2,192,799	2,140,930	2,130,843	-48,323	0	0	0	0	42	21	21	-21	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	21,739	21,686	18,137	0	0	0	0	0	554,224	537,327	492,054	0	0	0	0	0
Evening	51,630	51,461	50,772	0	0	0	0	0	481,999	457,922	418,601	0	0	0	0	0
Intraday 1	51,461	51,461	50,772	0	0	0	0	0	472,168	358,477	358,477	-106,284	0	0	0	0
Intraday 2	51,461	47,517	47,517	-3,942	0	0	0	0	464,665	338,151	338,150	-123,689	0	0	0	0

*CCR-C cuts were due to reduction in storage field injection capacity and reduction in Forecasted Send Out.

Maintenance Schedule Posted 11/02/2012 01:16PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/02/2012	11/06/2012 11:59:59 PM PCT	Honor Rancho compressor M.U. #4 unplaned repairs to Piston/Liner/Packing	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/05/2012	11/09/2012 11:59:59 PM PCT	Ehrenburge DiGi control replacement units #9& 10.	50	50650
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Storage Field - Inj	Honor Rancho	11/05/2012	03/31/2013 11:59:59 PM PCT	Honor Ranch - Overhaul M/U #2 compressors	50	51050
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420

Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,347,997	2,271,770	2,271,770	2,271,770
Injection Capacity	300,000	300,000	300,000	300,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	21,000
Net System Capacity:	2,653,997	2,577,770	2,577,770	2,592,770
Latest On-System Scheduled Quantity	2,672,151	2,693,481	2,659,589	2,562,498
Total Unused Capacity:	0	0	0	30,272
Total Excess Receipts:	(18,154)	(115,711)	(81,819)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,841,937	2,812,800	2,693,481	0	0	0	0	0
Evening	2,760,210	2,744,672	2,659,589	0	0	0	0	0
Intraday 1	2,717,086	2,577,765	2,562,498	-128,625	0	0	0	0
Intraday 2	2,688,854	2,592,767	2,548,471	-83,541	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,230,932	2,228,252	2,165,821	0	0	0	0	0	296	296	296	0	0	0	0	0
Evening	2,231,430	2,228,754	2,168,183	0	0	0	0	0	385	385	385	0	0	0	0	0
Intraday 1	2,188,306	2,151,791	2,140,970	-33,838	0	0	0	0	385	128	128	-237	0	0	0	0
Intraday 2	2,160,074	2,152,229	2,112,656	0	0	0	0	0	385	306	133	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	46,550	46,550	45,772	0	0	0	0	0	564,159	537,702	481,592	0	0	0	0	0
Evening	56,461	56,461	56,461	0	0	0	0	0	471,934	459,072	434,560	0	0	0	0	0
Intraday 1	56,461	46,931	46,931	-8,134	0	0	0	0	471,934	378,915	374,469	-86,416	0	0	0	0
Intraday 2	56,461	52,234	52,047	-3,182	0	0	0	0	471,934	387,998	383,635	-80,359	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity.

* CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

Maintenance Schedule Posted 11/2/12 01:16 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/02/2012	11/06/2012 11:59:59 PM PCT	Honor Rancho compressor M.U. #4 unplaned repairs to Piston/Liner/Packing	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/05/2012	11/09/2012 11:59:59 PM PCT	Ehrenburge DiGi control replacement units #9& 10.	50	50650
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Storage Field - Inj	Honor Rancho	11/05/2012	03/31/2013 11:59:59 PM PCT	Honor Ranch - Overhaul M/U #2 compressors	50	51050
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420

Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,696,034	2,696,034	2,696,034	2,696,034
Injection Capacity	249,000	300,000	249,000	249,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,951,034	3,002,034	2,951,034	2,951,034
Latest On-System Scheduled Quantity	2,790,829	2,880,473	3,049,261	2,904,291
Total Unused Capacity:	160,205	121,561	0	46,743
Total Excess Receipts:	0	0	(98,227)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,128,004	3,127,782	2,880,473	0	0	0	0	0
Evening	3,143,256	3,143,036	3,049,261	0	0	0	0	0
Intraday 1	3,107,831	2,951,039	2,904,291	-151,115	0	0	0	0
Intraday 2	3,204,026	2,951,036	2,893,857	-243,689	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,423,082	2,422,860	2,216,067	0	0	0	0	0	6,228	6,228	6,228	0	0	0	0	0
Evening	2,705,654	2,705,434	2,640,687	0	0	0	0	0	6,228	6,228	6,228	0	0	0	0	0
Intraday 1	2,692,826	2,688,331	2,642,028	0	0	0	0	0	6,228	6,228	6,228	0	0	0	0	0
Intraday 2	2,676,143	2,672,202	2,640,193	0	0	0	0	0	6,228	6,228	6,228	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	17,405	17,405	17,148	0	0	0	0	0	681,289	681,289	641,030	0	0	0	0	0
Evening	17,405	17,405	17,372	0	0	0	0	0	413,969	413,969	384,974	0	0	0	0	0
Intraday 1	24,572	23,497	23,497	0	0	0	0	0	384,205	232,983	232,538	-151,115	0	0	0	0
Intraday 2	35,852	35,852	31,092	0	0	0	0	0	485,803	236,754	216,344	-243,689	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity.

Maintenance Schedule Posted 11/05/12 9:31 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	50	51050
Storage Field - Inj	Honor Rancho	11/05/2012	11/05/2012 09:29:40 AM PCT	Honor Rancho - Overhaul M/U #2 compressors	50	54050
Storage Field - Inj	Honor Rancho	11/02/2012	11/08/2012 11:59:59 PM PCT	Honor Rancho compressor M.U. #4 unplanned repairs to Piston/Liner/Packing	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/05/2012	11/09/2012 11:59:59 PM PCT	Ehrenburge DiGi control replacement units #9& 10.	50	50650
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420

Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Schedule Posted 11/05/12 7:10 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/06/2012	11/06/2012 11:59:59 PM PCT	Honor Rancho - MU #3 compressor packing repair.	50	51050

Maintenance Schedule Posted 11/06/12 9:50 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	10/28/2012	11/05/2012 11:59:59 PM PCT	Force Majeure - Remove and install spare gas turbine due to lost 2nd stage carbon seal.	300	306300

Maintenance Schedule Posted 11/06/12 1:06 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/06/2012	11/09/2012 11:59:59 PM PCT	Honor Rancho - MU #3 compressor packing repair.	45	45945

Maintenance Schedule Posted 11/06/12 1:12 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/02/2012	11/08/2012 11:59:59 PM PCT	Honor Rancho compressor M.U. #4 unplanned repairs to Piston/Liner/Packing	45	45945

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,603,759	2,603,759	2,654,912	2,600,750
Injection Capacity	300,000	239,230	239,000	238,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,909,759	2,848,989	2,899,912	2,844,750
Latest On-System Scheduled Quantity	3,049,261	2,662,757	2,702,184	2,737,896
Total Unused Capacity:	0	186,232	197,728	106,854
Total Excess Receipts:	(139,502)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-Q	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,734,659	2,729,811	2,662,757	0	0	0	0	0
Evening	2,736,137	2,732,212	2,702,184	0	0	0	0	0
Intraday 1	2,752,940	2,752,730	2,737,896	0	0	0	0	0
Intraday 2	2,761,268	2,751,234	2,743,248	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-Q	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-Q	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,251,115	2,246,317	2,184,075	0	0	0	0	0	10,554	10,554	10,554	0	0	0	0	0
Evening	2,238,957	2,236,377	2,208,816	0	0	0	0	0	10,554	10,554	10,554	0	0	0	0	0
Intraday 1	2,237,479	2,237,269	2,224,488	0	0	0	0	0	10,554	10,554	10,554	0	0	0	0	0
Intraday 2	2,230,029	2,230,025	2,225,871	0	0	0	0	0	10,554	10,554	10,553	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-Q	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-Q	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,323	2,323	1,634	0	0	0	0	0	470,667	470,617	466,494	0	0	0	0	0
Evening	15,959	14,664	14,664	0	0	0	0	0	470,667	470,617	468,150	0	0	0	0	0
Intraday 1	15,959	15,959	15,959	0	0	0	0	0	488,948	488,948	486,895	0	0	0	0	0
Intraday 2	18,707	18,707	18,707	0	0	0	0	0	501,978	491,948	488,117	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 11/07/2012
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

Attachment 1.b

Detailed calculation for each OFO event

(including calculation of forecasted system capacity in comparison to scheduled quantities)

April 1, 2012 to March 31, 2013

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,516,499	2,514,493	2,448,296	2,565,646
Injection Capacity	239,000	238,000	284,000	284,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,761,499	2,758,493	2,738,296	2,855,646
Latest On-System Scheduled Quantity	2,702,184	2,685,871	2,854,026	2,717,823
Total Unused Capacity:	59,315	72,622	0	137,823
Total Excess Receipts:	0	0	(115,730)	0

Total								
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,944,606	2,944,567	2,685,871	0	0	0	0	0
Evening	2,939,595	2,934,557	2,854,026	0	0	0	0	0
Intraday 1	2,928,506	2,738,294	2,717,823	-184,507	0	0	0	0
Intraday 2	2,894,339	2,855,644	2,775,420	-26,859	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

Firm Primary									Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominator	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,444,933	2,444,930	2,223,907	0	0	0	0	0	11,812	11,812	11,371	0	0	0	0	0
Evening	2,621,526	2,616,522	2,556,173	0	0	0	0	0	11,812	11,812	11,371	0	0	0	0	0
Intraday 1	2,621,771	2,466,403	2,447,330	-150,140	0	0	0	0	11,812	3,791	3,791	-8,021	0	0	0	0
Intraday 2	2,541,988	2,532,696	2,453,570	0	0	0	0	0	10,459	4,885	3,791	-5,574	0	0	0	0

Firm Alternate Outside the Zone									Interruptible							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominator	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	16,778	16,778	15,406	0	0	0	0	0	471,083	471,047	435,187	0	0	0	0	0
Evening	16,778	16,778	16,089	0	0	0	0	0	289,479	289,445	270,393	0	0	0	0	0
Intraday 1	16,778	5,363	5,363	-11,375	0	0	0	0	278,145	262,737	261,339	-14,971	0	0	0	0
Intraday 2	29,737	18,322	18,322	-11,415	0	0	0	0	312,155	299,741	299,737	-9,870	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity.

* CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

Maintenance Schedule Posted 11/07/12 5:12 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/06/2012	11/07/2012 05:12:44 PM PCT	Honor Rancho - MU #3 compressor packing repair.	45	45945
Storage Field - Inj	Honor Rancho	11/02/2012	11/08/2012 11:59:59 PM PCT	Honor Rancho compressor M.U. #4 unplanned repairs to Piston/Liner/Packing	45	45945
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/05/2012	11/09/2012 11:59:59 PM PCT	Ehrenburge DiGi control replacement units #9& 10.	50	50650
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420

Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140
Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,372,069	2,488,415	2,488,415	2,718,100
Injection Capacity	284,000	96,000	96,000	96,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,662,069	2,590,415	2,590,415	2,820,100
Latest On-System Scheduled Quantity	2,854,026	2,886,334	2,873,380	2,587,905
Total Unused Capacity:	0	0	0	232,195
Total Excess Receipts:	(191,957)	(295,919)	(282,965)	0

Total								
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,043,996	3,040,232	2,886,334	0	0	0	0	0
Evening	2,979,161	2,962,360	2,873,380	0	0	0	-2,080	0
Intraday 1	2,949,071	2,590,415	2,587,905	-353,951	0	0	0	0
Intraday 2	2,901,343	2,820,105	2,769,516	-78,780	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

Firm Primary									Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,348,495	2,345,749	2,290,433	0	0	0	0	0	10,725	10,725	10,725	0	0	0	0	0
Evening	2,358,495	2,347,252	2,300,380	0	0	0	0	0	725	725	725	0	0	0	0	0
Intraday 1	2,358,495	2,143,257	2,143,255	-212,483	0	0	0	0	725	241	241	-483	0	0	0	0
Intraday 2	2,356,440	2,355,636	2,307,041	0	0	0	0	0	725	725	725	0	0	0	0	0

Firm Alternate Outside the Zone									Interruptible							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	2,427	2,427	2,413	0	0	0	0	0	682,349	681,331	582,763	0	0	0	0	0
Evening	2,427	2,427	2,374	0	0	0	0	0	617,514	611,956	569,901	0	0	0	-2,080	0
Intraday 1	2,427	791	791	-1,635	0	0	0	0	587,424	446,126	443,618	-139,350	0	0	0	0
Intraday 2	4,532	4,068	4,068	0	0	0	0	0	539,646	459,676	457,682	-78,780	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity.

* CCR-Z cuts were due to customer over nomination within the Wheeler Zone.

Maintenance Schedule Posted 11/08/12 8:24 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/09/2012	TBD	Storage Field at maximum capacity.	230	234830
Storage Field - Inj	Honor Rancho	11/02/2012	11/08/2012 08:20:31 AM PCT	Honor Rancho compressor M.U. #4 - unplanned repairs to Piston/Liner/Packing	45	45945
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul MU #2 compressors	45	45945
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/05/2012	11/09/2012 11:59:59 PM PCT	Ehrenburge DiGi control replacement units #9& 10.	50	50650
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Zone	CP-Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone - L119 retrofit for pigging operation - no throughput from L85 to the south	45	51750
Receipt Point	PGE-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	356650
Receipt Point	KR/MO-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	300	310500
Zone	Wheeler Ridge Zone	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	95	98325
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	11/13/2012	11/13/2012 11:59:59 PM PCT	Tie-in fuel line to the new emergency generator at the Wheeler Ridge Compressor Station.	350	362250
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - hydro test field lines	340	347140

Storage Field - Inj	Goleta	10/15/2012	11/21/2012 11:59:59 PM PCT	Goleta - Hydrotest Field Lines	135	137835
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Schedule Posted 11/09/12 2:13 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Zone	CP Line 85	11/07/2012	11/08/2012 11:59:59 PM PCT	L85 Zone—L119 retrofit for pigging operation—no throughput from L85 to the south	45	51750

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,304,869	2,580,690	2,682,995	2,886,602
Injection Capacity	96,000	96,000	96,000	96,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,406,869	2,682,690	2,784,995	2,988,602
Latest On-System Scheduled Quantity	2,873,380	2,636,317	2,705,891	2,706,878
Total Unused Capacity:	0	46,373	79,104	281,724
Total Excess Receipts:	(466,511)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-F	CCR-Z	CCR-A
Timely	2,805,373	2,802,470	2,636,317	0	0	0	0	0
Evening	2,768,405	2,765,908	2,705,891	0	0	0	0	0
Intraday 1	2,768,405	2,767,352	2,706,878	0	0	0	0	0
Intraday 2	2,763,383	2,760,592	2,695,845	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-F	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-F	CCR-Z	CCR-A
Timely	2,616,006	2,613,103	2,523,022	0	0	0	0	0	449	449	449	0	0	0	0	0
Evening	2,626,036	2,623,539	2,567,060	0	0	0	0	0	449	449	449	0	0	0	0	0
Intraday 1	2,626,036	2,624,983	2,568,122	0	0	0	0	0	449	449	449	0	0	0	0	0
Intraday 2	2,612,526	2,609,997	2,549,089	0	0	0	0	0	937	675	449	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-F	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-F	CCR-Z	CCR-A
Timely	1,669	1,669	1,669	0	0	0	0	0	187,249	187,249	111,177	0	0	0	0	0
Evening	1,669	1,669	1,669	0	0	0	0	0	140,251	140,251	136,713	0	0	0	0	0
Intraday 1	1,669	1,669	1,669	0	0	0	0	0	140,251	140,251	136,638	0	0	0	0	0
Intraday 2	9,669	9,669	9,669	0	0	0	0	0	140,251	140,251	136,638	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 11/10/2012
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,682,995	2,682,995	2,583,699	2,583,699
Injection Capacity	285,000	285,000	285,000	285,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,973,995	2,973,995	2,874,699	2,874,699
Latest On-System Scheduled Quantity	3,034,776	2,710,711	2,751,892	2,771,846
Total Unused Capacity:	0	263,284	122,807	102,853
Total Excess Receipts:	(60,781)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,810,400	2,779,838	2,710,711	0	-343	0	0	0
Evening	2,809,793	2,790,906	2,751,892	0	-343	0	0	0
Intraday 1	2,849,793	2,849,786	2,771,846	0	0	0	0	0
Intraday 2	2,840,642	2,840,635	2,750,625	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,691,321	2,666,401	2,604,932	0	-343	0	0	0	668	668	537	0	0	0	0	0
Evening	2,690,714	2,687,669	2,656,243	0	-343	0	0	0	668	668	668	0	0	0	0	0
Intraday 1	2,688,714	2,688,709	2,618,514	0	0	0	0	0	668	668	668	0	0	0	0	0
Intraday 2	2,688,714	2,688,709	2,618,686	0	0	0	0	0	668	668	668	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,894	1,894	1,882	0	0	0	0	0	116,517	110,875	103,360	0	0	0	0	0
Evening	1,894	1,894	1,882	0	0	0	0	0	116,517	100,675	93,099	0	0	0	0	0
Intraday 1	3,894	3,894	3,882	0	0	0	0	0	156,517	156,515	148,782	0	0	0	0	0
Intraday 2	3,894	3,894	3,882	0	0	0	0	0	147,366	147,364	127,389	0	0	0	0	0

*CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.

Maintenance Posted 11/15/2012 10:27PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	11/16/2012	TBD	La Goleta - Decreased injection capacity due to field inventory levels.	120	122520
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,686,004	2,577,681	2,577,681	2,577,681
Injection Capacity	285,000	285,000	285,000	285,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,977,004	2,868,681	2,868,681	2,868,681
Latest On-System Scheduled Quantity	2,751,892	2,843,501	2,898,015	2,734,767
Total Unused Capacity:	225,112	25,180	0	133,914
Total Excess Receipts:	0	0	(29,334)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,926,267	2,885,777	2,843,501	0	-343	0	0	0
Evening	2,954,867	2,939,949	2,898,015	0	-1,346	0	0	0
Intraday 1	2,791,618	2,772,571	2,734,767	0	0	0	0	0
Intraday 2	2,791,347	2,785,262	2,743,583	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,697,635	2,657,178	2,625,836	0	-343	0	0	0	668	668	668	0	0	0	0	0
Evening	2,698,636	2,687,284	2,656,284	0	-1,346	0	0	0	668	668	668	0	0	0	0	0
Intraday 1	2,664,838	2,652,949	2,622,672	0	0	0	0	0	668	668	668	0	0	0	0	0
Intraday 2	2,661,081	2,654,996	2,615,864	0	0	0	0	0	668	668	668	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,894	1,894	594	0	0	0	0	0	226,070	226,037	216,403	0	0	0	0	0
Evening	1,894	1,894	594	0	0	0	0	0	253,669	250,103	240,469	0	0	0	0	0
Intraday 1	3,894	3,894	3,882	0	0	0	0	0	122,218	115,060	107,545	0	0	0	0	0
Intraday 2	3,894	3,894	3,882	0	0	0	0	0	125,704	125,704	123,169	0	0	0	0	0

*CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.

Maintenance Schedule Posted 11/15/12 10:27 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	11/16/2012	TBD	La Goleta - Decreased injection capacity due to field inventory levels.	120	122520
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	3,012,979	2,986,901	2,966,841	2,966,841
Injection Capacity	285,000	285,000	285,000	285,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,100	6,100
Net System Capacity:	3,303,979	3,277,901	3,257,941	3,257,941
Latest On-System Scheduled Quantity	2,930,172	3,353,743	3,385,047	3,229,348
Total Unused Capacity:	373,807	0	0	28,593
Total Excess Receipts:	0	(75,842)	(127,106)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	*CCR-R	*CCR-Z	CCR-A
Timely	3,503,993	3,436,056	3,353,743	0	-40,000	-12,480	-686	0
Evening	3,592,951	3,536,954	3,385,047	0	-31,428	0	-14,683	0
Intraday 1	3,453,963	3,257,946	3,229,348	-125,805	-31,416	0	-2,050	0
Intraday 2	3,261,201	3,221,381	3,184,420	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,555,039	2,546,035	2,514,861	0	0	0	0	0	40,817	40,817	19,766	0	0	0	0	0
Evening	3,143,984	3,137,715	3,132,344	0	0	0	0	0	19,766	19,765	19,765	0	0	0	0	0
Intraday 1	3,120,602	3,091,876	3,064,629	0	0	0	0	0	19,766	19,765	19,765	0	0	0	0	0
Intraday 2	3,050,055	3,034,539	3,007,362	0	0	0	0	0	19,766	19,765	19,765	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	*CCR-R	*CCR-Z	CCR-A
Timely	733	733	733	0	0	0	0	0	907,404	848,471	818,383	0	-40,000	-12,480	-686	0
Evening	733	733	733	0	0	0	0	0	428,468	378,741	232,205	0	-31,428	0	-14,683	0
Intraday 1	733	733	733	0	0	0	0	0	312,862	145,572	144,221	-125,805	-31,416	0	-2,050	0
Intraday 2	733	733	733	0	0	0	0	0	190,647	166,344	156,560	0	0	0	0	0

* CCR-S cuts were due to customer over nomination within the North Needles Sub- zone.

* CCR-R cuts were due to customer over nomination at the TW Needles Receipt Point.

* CCR-Z cuts were due to customer over nomination within the Northern Zone.

* CCR-C cuts were due to customer over nominations.

Maintenance schedule Posted 11/15/2012 10:27:23 PM PCT

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	11/16/2012	TBD	La Goleta - Decreased injection capacity due to field inventory levels.	120	122520
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Storage Field - Wth	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines no withdraw	340	347140
Storage Field - Inj	Aliso Canyon	11/22/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Playa del Rey	10/10/2012	11/21/2012 11:59:59 PM PCT	Playa Del Rey - Hydro test field lines, no injection	75	76575
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,864,536	2,864,536	2,864,536	2,992,919
Injection Capacity	285,000	285,000	285,000	285,000
Latest Off-System Scheduled Quantity	6,100	6,000	6,000	6,000
Net System Capacity:	3,155,636	3,155,536	3,155,536	3,283,919
Latest On-System Scheduled Quantity	3,385,047	3,106,785	2,944,314	2,979,866
Total Unused Capacity:	0	48,751	211,222	304,053
Total Excess Receipts:	(229,411)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,241,095	3,198,209	3,106,785	0	0	0	0	0
Evening	3,012,815	2,991,477	2,944,314	0	0	0	0	0
Intraday 1	3,043,746	3,030,084	2,979,866	0	0	0	0	0
Intraday 2	3,022,785	3,010,097	2,979,264	0	0	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,943,411	2,906,859	2,873,644	0	0	0	0	0	40,594	40,594	33,968	0	0	0	0	0
Evening	2,949,797	2,928,459	2,900,996	0	0	0	0	0	33,968	33,968	33,968	0	0	0	0	0
Intraday 1	2,950,638	2,936,976	2,927,727	0	0	0	0	0	33,968	33,968	33,968	0	0	0	0	0
Intraday 2	2,939,737	2,939,715	2,929,639	0	0	0	0	0	33,968	33,968	33,968	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	645	645	645	0	0	0	0	0	256,445	250,111	198,528	0	0	0	0	0
Evening	645	645	645	0	0	0	0	0	28,405	28,405	8,705	0	0	0	0	0
Intraday 1	645	645	645	0	0	0	0	0	58,495	58,495	17,526	0	0	0	0	0
Intraday 2	645	645	645	0	0	0	0	0	48,435	35,769	15,012	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 11/21/2012. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,526,529	2,526,529	2,526,529	2,526,529
Injection Capacity	362,000	362,000	362,000	362,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,894,529	2,894,529	2,894,529	2,894,529
Latest On-System Scheduled Quantity	2,944,314	2,620,341	2,673,607	2,690,348
Total Unused Capacity:	0	274,188	220,922	204,181
Total Excess Receipts:	(49,785)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,754,307	2,704,015	2,620,341	0	-37,148	0	0	0
Evening	2,742,105	2,737,951	2,673,607	0	-4,147	0	0	0
Intraday 1	2,740,105	2,735,944	2,690,348	0	-4,147	0	0	0
Intraday 2	2,710,084	2,705,923	2,655,328	0	-4,147	0	0	0

- Note: Any associated PCC reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,693,099	2,683,906	2,606,662	0	0	0	0	0	594	594	594	0	0	0	0	0
Evening	2,627,916	2,627,910	2,579,081	0	0	0	0	0	595	595	595	0	0	0	0	0
Intraday 1	2,625,916	2,625,904	2,595,822	0	0	0	0	0	595	595	595	0	0	0	0	0
Intraday 2	2,595,895	2,595,883	2,560,802	0	0	0	0	0	595	595	595	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	634	634	634	0	0	0	0	0	59,980	18,881	12,451	0	-37,148	0	0	0
Evening	617	617	617	0	0	0	0	0	112,977	108,829	93,314	0	-4,147	0	0	0
Intraday 1	617	617	617	0	0	0	0	0	112,977	108,828	93,314	0	-4,147	0	0	0
Intraday 2	617	617	617	0	0	0	0	0	112,977	108,828	93,314	0	-4,147	0	0	0

* CCR-S cuts were due to customer over nomination within the North Needles Sub- zone.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,918,698	2,867,545	2,867,545	2,765,240
Injection Capacity	413,000	413,000	413,000	413,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	3,337,698	3,286,545	3,286,545	3,184,240
Latest On-System Scheduled Quantity	3,271,539	3,127,217	3,311,232	3,277,903
Total Unused Capacity:	66,159	159,328	0	0
Total Excess Receipts:	0	0	(24,687)	(93,663)

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,349,874	3,246,178	3,127,217	0	0	0	-40,662	0
Evening	3,369,432	3,325,903	3,311,232	0	0	0	-40,662	0
Intraday 1	3,346,454	3,286,556	3,277,903	-26,760	0	0	-22,511	0
Intraday 2	3,328,599	3,184,251	3,184,063	-114,445	0	0	-22,406	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,568,676	2,565,817	2,452,414	0	0	0	0	0	581	581	581	0	0	0	0	0
Evening	2,739,509	2,736,644	2,729,432	0	0	0	0	0	581	581	581	0	0	0	0	0
Intraday 1	2,731,276	2,721,224	2,713,413	0	0	0	0	0	581	581	581	0	0	0	0	0
Intraday 2	2,725,921	2,712,018	2,711,830	-8,605	0	0	0	0	581	581	581	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	6,199	6,199	6,199	0	0	0	0	0	774,418	673,581	668,023	0	0	0	-40,662	0
Evening	21,506	21,506	21,199	0	0	0	0	0	607,836	567,172	560,020	0	0	0	-40,662	0
Intraday 1	21,506	21,183	21,183	0	0	0	0	0	593,091	543,568	542,726	-26,760	0	0	-22,511	0
Intraday 2	14,006	13,487	13,487	0	0	0	0	0	588,091	458,165	458,165	-105,840	0	0	-22,406	0

*CCR-C cuts were due to reduction in storage field injection capacity.

*CCR-Z cuts were due to capacity constraints within the Northern Zone caused by maintenance.

Maintenance Schedule Posted 11/26/2012 08:57 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/24/2012	11/30/2012 11:59:59 PM PCT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45945
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Schedule Posted 11/30/2012 10:50 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/24/2012	12/06/2012 11:59:59 PM PCT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45945

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,560,631	2,508,475	2,611,783	2,659,927
Injection Capacity	459,000	413,000	393,000	392,000
Latest Off-System Scheduled Quantity	6,000	14,000	14,000	14,000
Net System Capacity:	3,025,631	2,935,475	3,018,783	3,065,927
Latest On-System Scheduled Quantity	3,311,232	2,662,150	2,850,049	2,883,676
Total Unused Capacity:	0	273,325	168,734	182,251
Total Excess Receipts:	(285,601)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	2,930,156	2,880,597	2,681,019	0	0	0	-30,804	0
Evening	2,939,392	2,938,110	2,850,049	0	0	0	0	0
Intraday 1	2,946,778	2,946,114	2,883,676	0	0	0	0	0
Intraday 2	2,991,823	2,989,943	2,931,491	-1,486	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,336,483	2,332,773	2,158,838	0	0	0	0	0	16,030	985	463	0	0	0	0	0
Evening	2,350,001	2,349,949	2,310,055	0	0	0	0	0	438	438	438	0	0	0	0	0
Intraday 1	2,352,501	2,352,449	2,313,055	0	0	0	0	0	438	438	438	0	0	0	0	0
Intraday 2	2,352,501	2,352,449	2,313,866	0	0	0	0	0	438	438	438	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	890	890	890	0	0	0	0	0	576,753	545,949	520,828	0	0	0	-30,804	0
Evening	890	890	890	0	0	0	0	0	588,063	586,833	538,666	0	0	0	0	0
Intraday 1	890	890	890	0	0	0	0	0	592,949	592,337	569,293	0	0	0	0	0
Intraday 2	890	890	890	0	0	0	0	0	637,994	636,166	616,297	-1,486	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity and Net System Capacity changed due to the maintenance schedule received after the OFO Calculation was approved.

* CCR-Z cuts were due to capacity constraints within the Wheeler Zone caused by maintenance.

Maintenance Schedule Posted 11/30/2012 06:54 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	11/30/2012	12/07/2012 11:59:59 PM PCT	Aliso Canyon K-3 Trabon repairs.	20	20420
Storage Field - Inj	Honor Rancho	11/24/2012	12/06/2012 11:59:59 PM PCT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45945
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Schedule Posted 12/01/2012 02:59 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,874,566	2,779,282	2,779,282	2,830,435
Injection Capacity	316,000	315,000	335,000	335,000
Latest Off-System Scheduled Quantity	14,000	14,000	14,000	14,000
Net System Capacity:	3,204,566	3,108,282	3,128,282	3,179,435
Latest On-System Scheduled Quantity	2,939,060	3,108,418	3,256,046	3,125,972
Total Unused Capacity:	265,506	0	0	53,463
Total Excess Receipts:	0	(136)	(127,764)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,355,884	3,262,357	3,108,418	0	-10,243	0	-73,279	0
Evening	3,360,821	3,267,516	3,256,046	0	-12,330	0	-68,723	0
Intraday 1	3,372,307	3,128,297	3,125,972	-174,883	-3,399	0	-50,255	0
Intraday 2	3,262,234	3,178,788	3,140,248	0	-3,083	0	-32,408	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,565,435	2,565,430	2,422,353	0	0	0	0	0	2,863	2,863	490	0	0	0	0	0
Evening	3,089,697	3,077,907	3,074,485	0	0	0	0	0	2,863	2,863	2,863	0	0	0	0	0
Intraday 1	3,088,322	3,067,770	3,065,445	-14,217	0	0	0	0	2,863	954	954	-1,909	0	0	0	0
Intraday 2	3,063,242	3,060,479	3,035,079	0	0	0	0	0	29,493	29,493	29,492	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	9,983	9,980	9,980	0	0	0	0	0	777,603	684,084	675,595	0	-10,243	0	-73,279	0
Evening	9,980	9,980	9,980	0	0	0	0	0	258,281	176,766	168,718	0	-12,330	0	-68,723	0
Intraday 1	11,830	3,327	3,327	-8,503	0	0	0	0	269,292	56,246	56,246	-150,254	-3,399	0	-50,255	0
Intraday 2	9,980	3,327	3,327	0	0	0	0	0	159,519	85,489	72,350	0	-3,083	0	-32,408	0

- * CCR-S cuts were due to customer over nomination within the North Needles Sub- zone.
- * CCR-Z cuts were due to customer over nomination within the Wheeler Zone.
- * CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

Maintenance Schedule Posted 12/3/2012 03:24 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	11/30/2012	12/03/2012 03:24:00 PM PCT	Aliso Canyon K-3 Trabon repairs-	20	20420
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575
Storage Field - Inj	Honor Rancho	11/24/2012	12/08/2012 11:59:59 PM PCT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45045
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45045
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,754,208	2,805,360	3,060,119	3,111,272
Injection Capacity	335,000	335,000	335,000	335,000
Latest Off-System Scheduled Quantity	14,000	14,000	14,000	14,000
Net System Capacity:	3,103,208	3,154,360	3,409,119	3,460,272
Latest On-System Scheduled Quantity	3,256,046	2,777,284	2,960,521	3,040,123
Total Unused Capacity:	0	377,076	448,598	420,149
Total Excess Receipts:	(152,838)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,056,935	2,870,424	2,777,284	0	0	0	-11,519	0
Evening	3,056,936	3,043,559	2,960,521	0	0	0	-13,374	0
Intraday 1	3,118,850	3,094,986	3,040,123	0	-430	0	-8,119	0
Intraday 2	3,150,177	3,120,647	3,071,997	0	-430	0	-16,171	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,709,797	2,535,066	2,485,655	0	0	0	0	0	385	385	385	0	0	0	0	0
Evening	2,709,798	2,709,795	2,668,427	0	0	0	0	0	385	385	385	0	0	0	0	0
Intraday 1	2,683,560	2,680,742	2,678,992	0	-430	0	0	0	385	385	385	0	0	0	0	0
Intraday 2	2,683,387	2,682,955	2,681,222	0	-430	0	0	0	385	385	385	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	0	0	0	0	0	0	0	0	346,753	334,973	291,244	0	0	0	-11,519	0
Evening	0	0	0	0	0	0	0	0	346,753	333,379	291,709	0	0	0	-13,374	0
Intraday 1	22,881	9,949	9,949	0	0	0	0	0	412,024	403,910	350,797	0	0	0	-8,119	0
Intraday 2	22,881	9,948	9,948	0	0	0	0	0	443,524	427,359	380,442	0	0	0	-16,171	0

*CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.

* CCR-Z cuts were due to customer over nomination within the Wheeler Zone.

Maintenance Schedule posted 12/05/12 10:15 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	12/11/2012	12/11/2012 11:59:59 PM PCT	Honor Rancho - injection loss due testing RV's on the ESD system.	60	61260
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575
Storage Field - Inj	Honor Rancho	11/24/2012	12/06/2012 11:59:59 PM PCT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45945
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	3,035,044	3,136,346	2,881,587	2,805,360
Injection Capacity	335,000	335,000	335,000	274,000
Latest Off-System Scheduled Quantity	14,000	14,000	14,000	14,000
Net System Capacity:	3,384,044	3,485,346	3,230,587	3,093,360
Latest On-System Scheduled Quantity	2,960,521	3,151,799	3,300,643	3,227,108
Total Unused Capacity:	423,523	333,547	0	0
Total Excess Receipts:	0	0	(70,056)	(133,748)

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,431,008	3,272,662	3,151,799	0	-1,774	0	-145,419	0
Evening	3,483,594	3,340,853	3,300,643	0	-15,218	0	-125,025	0
Intraday 1	3,429,171	3,230,599	3,227,108	-100,761	-1,533	0	-56,322	0
Intraday 2	3,370,102	3,093,373	3,075,865	-228,041	-430	0	-19,066	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,552,573	2,552,041	2,454,001	0	-430	0	0	0	10,352	10,352	345	0	0	0	0	0
Evening	2,562,201	2,561,767	2,555,687	0	-430	0	0	0	352	352	352	0	0	0	0	0
Intraday 1	2,568,588	2,557,650	2,554,277	0	0	0	0	0	352	352	352	0	0	0	0	0
Intraday 2	2,548,279	2,533,670	2,516,449	-12,028	-430	0	0	0	11,900	352	184	-11,548	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	10,030	10,030	10,030	0	0	0	0	0	858,053	700,239	687,423	0	-1,344	0	-145,419	0
Evening	10,030	10,030	5,121	0	0	0	0	0	911,011	768,704	739,483	0	-14,788	0	-125,025	0
Intraday 1	10,030	10,030	10,030	0	0	0	0	0	850,201	662,567	662,449	-100,761	-1,533	0	-56,322	0
Intraday 2	10,030	10,030	10,030	0	0	0	0	0	799,893	549,321	549,202	-204,465	0	0	-19,066	0

* CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

* CCR-C cuts were due to reduction in storage field injection capacity.

* CCR-S cuts were due to capacity constraints within the Topock Sub-Zone by maintenance.

* CCR-S cuts were due to customer over nomination within the Topock and Kern River/Mojave - Kramer Junction Sub- Zone's.

* CCR-Z cuts were due to customer over nomination within the Wheeler and Northern Zones.

Maintenance Schedule Posted 12/06/12 9:21 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	12/06/2012	TBD	La Goleta - Loss of injection capacity due to reduced coast production.	60	61260
Storage Field - Inj	Honor Rancho	12/11/2012	12/11/2012 11:59:59 PM PCT	Honor Rancho - injection loss due testing RV's on the ESD system.	60	61260
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575
Storage Field - Inj	Honor Rancho	11/24/2012	12/06/2012 11:59:59 PM PCT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45945
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,881,587	2,728,130	2,737,157	2,737,157
Injection Capacity	381,000	320,000	132,000	71,000
Latest Off-System Scheduled Quantity	14,000	14,000	14,000	14,000
Net System Capacity:	3,276,587	3,062,130	2,883,157	2,822,157
Latest On-System Scheduled Quantity	3,300,643	2,948,306	3,020,782	2,882,813
Total Unused Capacity:	0	113,824	0	0
Total Excess Receipts:	(24,056)	0	(137,625)	(60,656)

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,064,340	3,053,127	2,948,306	0	-6,833	0	0	0
Evening	3,079,634	3,067,849	3,020,782	0	-4,569	0	-4,362	0
Intraday 1	3,076,623	2,883,171	2,882,813	-181,417	-4,513	0	-3,230	0
Intraday 2	3,060,005	2,822,177	2,821,555	-211,301	-2,888	0	-3,660	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,501,642	2,497,263	2,431,157	0	0	0	0	0	456	456	456	0	0	0	0	0
Evening	2,506,491	2,503,208	2,500,733	0	-430	0	0	0	456	456	456	0	0	0	0	0
Intraday 1	2,503,480	2,407,651	2,407,314	-91,355	-430	0	0	0	456	152	152	-304	0	0	0	0
Intraday 2	2,510,393	2,347,653	2,347,053	-152,814	0	0	0	0	456	152	152	-304	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	1,015	1,014	1,014	0	0	0	0	0	561,227	554,394	515,679	0	-6,833	0	0	
Evening	11,460	11,459	11,459	0	0	0	0	0	561,227	552,726	508,134	0	-4,139	0	-4,362	
Intraday 1	11,460	10,578	10,578	-676	0	0	0	0	561,227	464,790	464,769	-89,082	-4,083	0	-3,230	
Intraday 2	11,460	10,578	10,578	-676	0	0	0	0	537,696	463,794	463,772	-57,507	-2,888	0	-3,660	

- * CCR-C cuts were due to reduction in storage field injection capacity.
- * CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.
- * CCR-S cuts were due to customer over nomination within the North Needles Sub- zone.
- * CCR-Z cuts were due to customer over nomination within the Northern Zone.

Maintenance Schedule Posted 12/06/12 9:21 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	12/06/2012	TBD	La Goleta - Loss of injection capacity due to reduced coast production.	60	61260
Storage Field - Inj	Honor Rancho	12/11/2012	12/11/2012 11:59:59 PM PCT	Honor Rancho - injection loss due testing RV's on the ESD system.	60	61260
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575
Storage Field - Inj	Honor Rancho	11/24/2012	12/06/2012 11:59:59 PM PCT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45945
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780

Maintenance Schedule Posted 12/06/12 7:50 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/24/2012	12/06/2012 07:50:10 PM PGT	Force Majeure Honor Rancho M/U #4 repair cylinder head.	45	45945

Maintenance Schedule Posted 12/06/12 7:53 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	12/07/2012	TBD	Honor Rancho - Decreased injection capacity due to storage field being full.	185	188885

Maintenance Schedule Posted 12/07/12 7:36 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	12/08/2012	TBD	Goleta - Decreased injection capacity due to storage field being full.	120	122520
Storage Field - Inj	Goleta	12/06/2012	12/07/2012 07:32:20 AM PGT	La Goleta - Loss of injection capacity due to reduced coast production.	60	61260

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,557,622	2,532,547	2,536,559	2,613,789
Injection Capacity	132,000	71,000	71,000	71,000
Latest Off-System Scheduled Quantity	14,000	14,000	14,000	14,000
Net System Capacity:	2,703,622	2,617,547	2,621,559	2,698,789
Latest On-System Scheduled Quantity	3,020,782	2,962,762	2,988,737	2,621,398
Total Unused Capacity:	0	0	0	77,391
Total Excess Receipts:	(317,160)	(345,215)	(367,178)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,022,970	3,014,717	2,962,762	0	-872	0	0	0
Evening	3,027,071	3,023,456	2,988,737	0	0	0	0	0
Intraday 1	3,026,621	2,621,571	2,621,398	-401,446	0	0	0	0
Intraday 2	3,009,971	2,698,800	2,682,234	-304,511	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,880,022	2,874,448	2,848,672	0	-430	0	0	0	383	383	383	0	0	0	0	0
Evening	2,886,411	2,882,796	2,868,817	0	0	0	0	0	383	383	383	0	0	0	0	0
Intraday 1	2,885,961	2,581,594	2,581,422	-300,762	0	0	0	0	383	128	128	-255	0	0	0	0
Intraday 2	2,869,311	2,658,822	2,642,258	-203,828	0	0	0	0	383	128	128	-255	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	125	125	125	0	0	0	0	0	142,440	139,761	113,582	0	-442	0	0	0
Evening	125	125	125	0	0	0	0	0	140,152	140,152	119,412	0	0	0	0	0
Intraday 1	125	42	42	-83	0	0	0	0	140,152	39,807	39,806	-100,346	0	0	0	0
Intraday 2	125	42	42	-83	0	0	0	0	140,152	39,808	39,806	-100,345	0	0	0	0

- * CCR-C cuts were due to reduction in storage field injection capacity.
- * CCR-S cuts were due to capacity constraints within the Topock Sub- zone caused by maintenance.
- * CCR-S cuts were due to customer over nomination within the Needles Sub- Zone.

Maintenance Schedule Posted 12/07/12 10:40 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	12/17/2012	12/18/2012 11:59:59 PM PCT	Needles/Topock Area Zone reduced due to downstream pipeline replacement project.	540	547560
Storage Field - Inj	Goleta	12/08/2012	TBD	Goleta - Decreased injection capacity due to storage field being full.	120	122520
Storage Field - Inj	Honor Rancho	12/07/2012	TBD	Honor Rancho - Decreased injection capacity due to storage field being full.	185	188885
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul MU #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,577,681	2,664,942	2,754,208	2,703,055
Injection Capacity	71,000	71,000	71,000	71,000
Latest Off-System Scheduled Quantity	14,000	14,000	14,000	14,000
Net System Capacity:	2,662,681	2,749,942	2,839,208	2,788,055
Latest On-System Scheduled Quantity	2,988,737	2,980,023	2,960,769	2,836,205
Total Unused Capacity:	0	0	0	0
Total Excess Receipts:	(326,056)	(230,081)	(121,561)	(48,150)

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,042,664	3,033,178	2,980,023	0	0	0	0	0
Evening	3,042,664	3,033,178	2,960,769	0	0	0	0	0
Intraday 1	3,042,664	2,839,228	2,836,205	-193,524	-430	0	0	0
Intraday 2	3,030,590	2,788,063	2,783,268	-226,269	-430	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,957,081	2,951,906	2,938,423	0	0	0	0	0	383	383	383	0	0	0	0	0
Evening	2,957,081	2,951,906	2,945,283	0	0	0	0	0	383	383	383	0	0	0	0	0
Intraday 1	2,957,081	2,834,062	2,831,040	-117,415	-430	0	0	0	383	128	128	-255	0	0	0	0
Intraday 2	2,945,007	2,782,897	2,778,102	-150,079	-430	0	0	0	383	128	128	-255	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	175	175	175	0	0	0	0	0	85,025	80,714	41,042	0	0	0	0	0
Evening	175	175	175	0	0	0	0	0	85,025	80,714	14,928	0	0	0	0	0
Intraday 1	175	59	59	-116	0	0	0	0	85,025	4,979	4,978	-75,738	0	0	0	0
Intraday 2	175	59	59	-116	0	0	0	0	85,025	4,979	4,979	-75,819	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity.
 * CCR-S cuts were due to customer over nomination within the Topock Sub-zone.

Maintenance Schedule Posted 12/7/2012 10:40:13 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	12/17/2012	12/18/2012 11:59:59 PM PCT	Needles/Topock Area Zone reduced due to downstream pipeline replacement project.	540	547560
Storage Field - Inj	Goleta	12/08/2012	TBD	Goleta - Decreased injection capacity due to storage field being full.	120	122520
Storage Field - Inj	Honor Rancho	12/07/2012	TBD	Honor Rancho - Decreased injection capacity due to storage field being full.	185	188885
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 11:59:59 PM PCT	South Needles reduced due to maintenance at downstream facility	210	212940
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,881,587	2,881,587	2,994,925	3,302,842
Injection Capacity	71,000	71,000	71,000	459,000
Latest Off-System Scheduled Quantity	14,000	14,000	14,000	14,000
Net System Capacity:	2,966,587	2,966,587	3,079,925	3,775,842
Latest On-System Scheduled Quantity	2,960,769	2,971,056	2,970,037	2,873,639
Total Unused Capacity:	5,818	0	109,888	902,203
Total Excess Receipts:	0	(4,469)	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,074,745	3,066,346	2,971,056	0	0	0	-4,508	0
Evening	3,049,852	3,018,729	2,970,037	0	0	0	0	0
Intraday 1	3,148,903	3,079,940	2,873,639	-53,306	0	0	-14,038	0
Intraday 2	3,062,227	3,048,189	2,878,120	0	0	0	-14,038	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,908,819	2,908,811	2,868,127	0	0	0	0	0	383	383	383	0	0	0	0	0
Evening	2,903,823	2,900,655	2,892,082	0	0	0	0	0	5,379	5,379	4,185	0	0	0	0	0
Intraday 1	2,898,464	2,898,459	2,813,070	0	0	0	0	0	5,379	5,379	5,379	0	0	0	0	0
Intraday 2	2,898,464	2,898,459	2,818,273	0	0	0	0	0	5,379	5,379	5,379	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	125	125	125	0	0	0	0	0	165,418	157,027	102,421	0	0	0	-4,508	0
Evening	125	125	125	0	0	0	0	0	140,525	112,570	73,645	0	0	0	0	0
Intraday 1	1,625	1,122	1,106	0	0	0	0	0	243,435	174,980	54,084	-53,306	0	0	-14,038	0
Intraday 2	1,625	1,625	1,625	0	0	0	0	0	156,759	142,726	52,843	0	0	0	-14,038	0

* CCR-Z cuts were due to customer over nomination within the Northern Zone.
 * CCR-C cuts were due to reduction in storage field injection capacity.

Maintenance Schedule Posted 12/09/2012 06:08:58 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Sub-Zone	TW-Topock/EP-Topock	12/02/2012	12/09/2012 06:00:22 PM PCT	South Needles reduced due to maintenance at downstream facility	240	242940
Area Zone	Needles/Topock Area Zone	12/17/2012	12/18/2012 11:59:59 PM PCT	Needles/Topock Area Zone reduced due to downstream pipeline replacement project.	540	547560
Storage Field - Inj	Goleta	12/08/2012	TBD	Goleta - Decreased injection capacity due to storage field being full.	120	122520
Storage Field - Inj	Honor Rancho	12/07/2012	TBD	Honor Rancho - Decreased injection capacity due to storage field being full.	185	188885
Storage Field - Inj	Playa del Rey	12/01/2012	TBD	Playa del Rey - Decreased injection capacity due to storage field being full.	75	76575
Storage Field - Inj	Aliso Canyon	11/26/2012	03/31/2013 11:59:59 PM PCT	Aliso Canyon - KVS main unit panel upgrades, one unit at a time	25	25525
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	50	51050
Storage Field - Inj	Goleta	11/16/2012	03/28/2013 11:59:59 PM PCT	Goleta - annual compressor maintenance main units #2 -8.	15	15315
Storage Field - Inj	Honor Rancho	11/09/2012	03/31/2013 11:59:59 PM PCT	Honor Rancho - Overhaul M/U #2 compressors	45	45945
Storage Field - Inj	Aliso Canyon	10/17/2012	TBD	Aliso Cyn - Decreased injection capacity due to field inventory levels.	25	25525
Storage Field - Inj	Aliso Canyon	11/06/2012	04/01/2013 11:59:59 PM PCT	Aliso Canyon - TDC annual maintenance and project work	300	306300
Sub-Zone	TW-Needles/QST-Needles	05/07/2013	05/10/2013 11:59:59 PM PCT	Pig line 235-1 from River Station upstream of North Needles to the Kelso Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/17/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	550	557700
Sub-Zone	TW-Needles/QST-Needles	04/01/2013	05/07/2013 11:59:59 PM PCT	Retrofit, replace main line valves and install launcher and receiver assemblies on line 235-1 from North Needles to the Newberry Compressor Station, preparations for internal inspection.	800	811200
Storage Field - Inj	Honor Rancho	10/17/2012	TBD	Honor Ranch - Decreased injection capacity due to field inventory levels.	20	20420
Sub-Zone	TW-Topock/EP-Topock	10/16/2012	TBD	South Needles - Force Majeure - Main unit #4 has a cracked block.	30	30420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/11/2012	TBD	Blythe - Plant 3 - de-stress connected piping and re-level main engines and compressors	60	60780

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,704,818	2,627,566	2,576,399	2,571,383
Injection Capacity	344,000	344,000	374,000	374,000
Latest Off-System Scheduled Quantity	11,000	11,000	11,000	11,000
Net System Capacity:	3,059,818	2,982,566	2,961,399	2,956,383
Latest On-System Scheduled Quantity	3,188,602	2,772,792	2,835,940	2,754,593
Total Unused Capacity:	0	209,774	125,459	201,790
Total Excess Receipts:	(128,784)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,951,627	2,918,066	2,772,792	0	0	0	0	0
Evening	2,877,363	2,877,323	2,835,940	0	0	0	0	0
Intraday 1	2,859,163	2,840,745	2,754,593	0	0	0	0	0
Intraday 2	2,799,823	2,799,783	2,712,357	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,108,520	2,086,209	2,038,841	0	0	0	0	0	14,000	14,000	14,000	0	0	0	0	0
Evening	2,112,336	2,112,296	2,093,845	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,112,336	2,112,293	2,083,146	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,072,858	2,072,818	2,042,447	0	0	0	0	0	0	0	0	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	7,799	7,799	7,799	0	0	0	0	0	821,308	810,058	712,152	0	0	0	0	0
Evening	7,799	7,799	7,799	0	0	0	0	0	757,228	757,228	734,296	0	0	0	0	0
Intraday 1	7,799	7,798	7,798	0	0	0	0	0	739,028	720,654	663,649	0	0	0	0	0
Intraday 2	4,037	4,037	4,037	0	0	0	0	0	722,928	722,928	665,873	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 02/16/2013. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,568,373	2,542,288	2,463,029	2,380,761
Injection Capacity	215,000	215,000	214,000	214,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,790,373	2,764,288	2,684,029	2,601,761
Latest On-System Scheduled Quantity	2,871,822	2,337,091	2,402,418	2,420,181
Total Unused Capacity:	0	427,197	281,611	181,580
Total Excess Receipts:	(81,449)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,465,323	2,445,098	2,337,091	0	0	0	0	0
Evening	2,437,513	2,435,097	2,402,418	0	0	0	0	0
Intraday 1	2,457,514	2,450,653	2,420,181	0	0	0	0	0
Intraday 2	2,452,497	2,452,228	2,429,298	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,981,259	1,977,766	1,909,884	0	0	0	0	0	408	408	408	0	0	0	0	0
Evening	1,972,692	1,971,170	1,957,994	0	0	0	0	0	310	310	310	0	0	0	0	0
Intraday 1	1,967,693	1,967,558	1,946,589	0	0	0	0	0	310	310	310	0	0	0	0	0
Intraday 2	1,962,676	1,962,544	1,949,117	0	0	0	0	0	310	310	310	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	12,908	11,880	11,880	0	0	0	0	0	470,748	455,044	414,919	0	0	0	0	0
Evening	21,551	20,719	20,719	0	0	0	0	0	442,960	442,898	423,395	0	0	0	0	0
Intraday 1	21,551	21,550	21,550	0	0	0	0	0	467,960	461,235	451,732	0	0	0	0	0
Intraday 2	21,551	21,548	21,548	0	0	0	0	0	467,960	467,826	458,323	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/02/2013. OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,542,288	2,532,255	2,532,255	2,489,115
Injection Capacity	246,000	245,000	245,000	245,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	17,000
Net System Capacity:	2,795,288	2,784,255	2,784,255	2,751,115
Latest On-System Scheduled Quantity	2,814,368	2,702,031	2,735,710	2,704,854
Total Unused Capacity:	0	82,224	48,545	46,261
Total Excess Receipts:	(19,080)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C*	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,797,333	2,740,275	2,702,031	0	0	0	0	0
Evening	2,822,279	2,768,138	2,735,710	0	0	0	0	0
Intraday 1	2,774,203	2,748,714	2,704,854	0	0	0	0	0
Intraday 2	2,750,391	2,725,073	2,662,753	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C*	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,335,898	2,328,709	2,300,903	0	0	0	0	0	359	359	359	0	0	0	0	0
Evening	2,335,844	2,323,933	2,301,881	0	0	0	0	0	359	359	359	0	0	0	0	0
Intraday 1	2,309,866	2,298,799	2,265,326	0	0	0	0	0	359	359	359	0	0	0	0	0
Intraday 2	2,289,866	2,269,534	2,229,363	0	0	0	0	0	359	359	359	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C*	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	12,994	11,994	11,988	0	0	0	0	0	448,082	399,213	388,781	0	0	0	0	0
Evening	12,994	9,115	9,115	0	0	0	0	0	473,082	434,731	424,355	0	0	0	0	0
Intraday 1	12,994	9,314	9,314	0	0	0	0	0	450,984	440,242	429,855	0	0	0	0	0
Intraday 2	29,668	25,924	25,204	0	0	0	0	0	430,498	429,256	407,827	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/18/2013
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,342,637	2,345,647	2,283,444	2,307,523
Injection Capacity	306,000	306,000	306,000	306,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,655,637	2,658,647	2,596,444	2,620,523
Latest On-System Scheduled Quantity	2,735,710	2,401,712	2,419,122	2,437,724
Total Unused Capacity:	0	256,935	177,322	182,799
Total Excess Receipts:	(80,073)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,445,927	2,419,167	2,401,712	0	0	0	0	0
Evening	2,445,917	2,433,758	2,419,122	0	0	0	0	0
Intraday 1	2,453,709	2,451,226	2,437,724	0	0	0	0	0
Intraday 2	2,485,500	2,477,677	2,449,217	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,236,906	2,210,951	2,203,497	0	0	0	0	0	326	326	326	0	0	0	0	0
Evening	2,206,896	2,204,402	2,201,774	0	0	0	0	0	326	326	326	0	0	0	0	0
Intraday 1	2,206,896	2,206,805	2,205,272	0	0	0	0	0	326	326	326	0	0	0	0	0
Intraday 2	2,204,187	2,204,182	2,195,699	0	0	0	0	0	326	326	326	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	13,280	12,476	12,476	0	0	0	0	0	195,415	195,414	185,413	0	0	0	0	0
Evening	13,280	11,840	11,840	0	0	0	0	0	225,415	217,190	205,182	0	0	0	0	0
Intraday 1	21,072	21,072	21,072	0	0	0	0	0	225,415	223,023	211,054	0	0	0	0	0
Intraday 2	21,072	21,072	18,607	0	0	0	0	0	259,915	252,097	234,585	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/16/2013
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,466,039	2,466,039	2,439,954	2,547,304
Injection Capacity	245,000	245,000	245,000	246,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,718,039	2,718,039	2,691,954	2,800,304
Latest On-System Scheduled Quantity	2,444,809	2,651,693	2,733,738	2,674,721
Total Unused Capacity:	273,230	66,346	0	125,583
Total Excess Receipts:	0	0	(41,784)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,833,982	2,764,009	2,651,693	0	0	0	0	0
Evening	2,821,446	2,811,445	2,733,738	0	0	0	0	0
Intraday 1	2,737,093	2,685,168	2,674,721	0	0	0	0	0
Intraday 2	2,689,312	2,677,117	2,666,675	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,187,367	2,143,330	2,078,764	0	0	0	0	0	60,081	60,081	60,081	0	0	0	0	0
Evening	2,285,276	2,285,276	2,242,810	0	0	0	0	0	60,081	60,081	60,081	0	0	0	0	0
Intraday 1	2,257,743	2,215,823	2,215,017	0	0	0	0	0	60,081	60,080	60,080	0	0	0	0	0
Intraday 2	2,250,219	2,248,913	2,248,112	0	0	0	0	0	41,188	41,188	41,188	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	23,132	13,132	13,132	0	0	0	0	0	563,402	547,466	499,716	0	0	0	0	0
Evening	13,132	13,132	13,132	0	0	0	0	0	462,957	452,956	417,715	0	0	0	0	0
Intraday 1	25,884	25,884	25,884	0	0	0	0	0	393,385	383,381	373,740	0	0	0	0	0
Intraday 2	25,884	25,884	25,884	0	0	0	0	0	372,021	361,132	351,491	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/22/2013.

A decrease in Forecasted Sendout and an increase in the latest scheduled quantity resulted in declaration of OFO, on Cycle 3.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,311,536	2,316,552	2,367,719	2,367,719
Injection Capacity	245,000	246,000	246,000	246,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,563,536	2,569,552	2,620,719	2,620,719
Latest On-System Scheduled Quantity	2,733,738	2,418,685	2,289,909	2,332,826
Total Unused Capacity:	0	150,867	330,810	287,893

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,504,892	2,473,187	2,418,685	0	0	0	0	0
Evening	2,381,443	2,356,662	2,289,909	0	0	0	0	0
Intraday 1	2,381,443	2,361,414	2,332,826	0	0	0	0	0
Intraday 2	2,386,443	2,366,442	2,338,387	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirme	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,022,784	2,017,970	1,980,702	0	0	0	0	0	59,166	59,166	55,798	0	0	0	0	0
Evening	1,931,050	1,927,683	1,870,621	0	0	0	0	0	59,166	59,166	58,930	0	0	0	0	0
Intraday 1	1,931,050	1,931,032	1,912,189	0	0	0	0	0	59,166	59,166	59,166	0	0	0	0	0
Intraday 2	1,931,050	1,931,049	1,912,663	0	0	0	0	0	59,166	59,166	59,166	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirme	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	13,132	12,098	12,098	0	0	0	0	0	409,810	383,953	370,087	0	0	0	0	0
Evening	14,834	13,420	13,420	0	0	0	0	0	376,393	356,393	346,938	0	0	0	0	0
Intraday 1	14,834	14,823	14,823	0	0	0	0	0	376,393	356,393	346,648	0	0	0	0	0
Intraday 2	19,834	19,834	19,724	0	0	0	0	0	376,393	356,393	346,834	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/23/2013.

OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,444,971	2,444,971	2,290,467	2,239,300
Injection Capacity	389,000	368,580	369,000	369,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,840,971	2,820,551	2,666,467	2,615,300
Latest On-System Scheduled Quantity	2,700,143	2,689,445	2,690,385	2,578,787
Total Unused Capacity:	140,828	131,106	0	36,513
Total Excess Receipts:	0	0	(23,918)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,755,800	2,755,761	2,689,445	0	0	0	0	0
Evening	2,755,801	2,755,762	2,690,385	0	0	0	0	0
Intraday 1	2,675,011	2,643,779	2,578,787	0	0	0	0	0
Intraday 2	2,596,188	2,535,824	2,518,025	0	0	0	0	0

- Note: Any associated CCR reduction quantities impacting this OFO date, will be denoted by an asterisk (*) and described in detail below.

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,184,713	2,184,712	2,179,266	0	0	0	0	0	163	163	163	0	0	0	0	0
Evening	2,184,714	2,184,713	2,180,206	0	0	0	0	0	163	163	163	0	0	0	0	0
Intraday 1	2,167,597	2,165,569	2,161,061	0	0	0	0	0	163	163	163	0	0	0	0	0
Intraday 2	2,113,692	2,112,984	2,107,798	0	0	0	0	0	163	163	163	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	14,542	14,542	14,542	0	0	0	0	0	556,382	556,344	495,474	0	0	0	0	0
Evening	14,542	14,542	14,542	0	0	0	0	0	556,382	556,344	495,474	0	0	0	0	0
Intraday 1	9,706	9,706	9,706	0	0	0	0	0	497,545	468,341	407,857	0	0	0	0	0
Intraday 2	9,706	9,706	9,706	0	0	0	0	0	472,627	412,971	400,358	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/31/2013.
 A decrease in Forecasted Sendout resulted in declaration of OFO on Cycle 3.



ATTACHMENT 2

TO

APRIL 25, 2013 ANNUAL REPORT OF SYSTEM RELIABILITY ISSUES

**REQUESTS TO THE OPERATIONAL HUB
FOR ADDITIONAL SUPPLIES TO MEET
MINIMUM FLOW REQUIREMENTS**



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: June. 29, 2012

Time of Request: 5:00p.m. June 28, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: July 09, 2012

Time of Request: 5:15p.m. July 08, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: July 11, 2012

Time of Request: 8:00p.m. July 10, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: July 12, 2012

Time of Request: 10:00a.m. July 11, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: July 12, 2012

Time of Request: 8:00p.m. July 11, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 25,000 Dth

Flow Date(s) Requested: July 13, 2012

Time of Request: 11:30a.m. July 12, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: July 14, 2012

Time of Request: 10:30a.m. July 13, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: July 16, 2012

Time of Request: 8:00p.m. July 15, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: July 18, 2012

Time of Request: 10:00a.m. July 17, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 160,000 Dth

Flow Date(s) Requested: July 19, 2012

Time of Request: 10:30 a.m. July 18, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: July 20, 2012

Time of Request: 8:00p.m. July 19, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 140,000 Dth

Flow Date(s) Requested: July 20, 2012

Time of Request: 10:00a.m. July 19, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 150,000 Dth

Flow Date(s) Requested: July 21, 2012

Time of Request: 10:00a.m. July 20, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 135,000 Dth

Flow Date(s) Requested: July 22, 2012

Time of Request: 10:30a.m. July 21, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 200,000 Dth

Flow Date(s) Requested: July 23, 2012

Time of Request: 10:00a.m. July 22, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: July 23, 2012

Time of Request: 9:20p.m July 22, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 175,000 Dth

Flow Date(s) Requested: July 24, 2012

Time of Request: 10:30a.m. July 23, 2012

Reason for Request: Southern System scheduled quantities 175,000 below the southern system minimum flowing supply requirement. No change in EG forecast at this time.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 175,000 Dth

Flow Date(s) Requested: July 25, 2012

Time of Request: 10:30a.m. July 24, 2012

Reason for Request: Southern System scheduled quantities 175,000 below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 145,000 Dth

Flow Date(s) Requested: July 26, 2012

Time of Request: 10:20a.m. July 25, 2012

Reason for Request: Southern System scheduled quantities 145,000 below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 60,000 Dth

Flow Date(s) Requested: July 30, 2012

Time of Request: 9:45a.m. July 29, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: July 30, 2012

Time of Request: 7:45 p.m. July 29, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: July 31, 2012

Time of Request: 9:59a.m. July 30, 2012

Reason for Request: Southern System scheduled quantities were below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 155,000 Dth

Flow Date(s) Requested: August 1, 2012

Time of Request: 10:00a.m. July 31, 2012

Reason for Request: Southern System scheduled quantities 155,000 below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 160,000 Dth

Flow Date(s) Requested: August 2, 2012

Time of Request: 10:05a.m. August 1, 2012

Reason for Request: Southern System scheduled quantities 160,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 150,000 Dth

Flow Date(s) Requested: August 3, 2012

Time of Request: 10:00a.m. August 2, 2012

Reason for Request: Southern System scheduled quantities 160,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 20,000 Dth

Flow Date(s) Requested: August 4, 2012

Time of Request: 10:00a.m. August 3, 2012

Reason for Request: Southern System scheduled quantities 20,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 130,000 Dth

Flow Date(s) Requested: August 6, 2012

Time of Request: 8:00p.m. August 5, 2012

Reason for Request: Southern System scheduled quantities 130,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 175,000 Dth

Flow Date(s) Requested: August 7, 2012

Time of Request: 10:00a.m. August 6, 2012

Reason for Request: Southern System scheduled quantities 175,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 25,000 Dth

Flow Date(s) Requested: August 7, 2012

Time of Request: 8:00p.m. August 6, 2012

Reason for Request: Southern System scheduled quantities 25,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 200,000 Dth

Flow Date(s) Requested: August 8, 2012

Time of Request: 10:00a.m. August 7, 2012

Reason for Request: Southern System scheduled quantities 200,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 180,000 Dth

Flow Date(s) Requested: August 9, 2012

Time of Request: 10:00a.m. August 8, 2012

Reason for Request: Southern System scheduled quantities 180,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 180,000 Dth

Flow Date(s) Requested: August 10, 2012

Time of Request: 9:45a.m. August 9, 2012

Reason for Request: Southern System scheduled quantities 180,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: August 11, 2012

Time of Request: 10:00a.m. August 10, 2012

Reason for Request: Southern System scheduled quantities 30,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: August 28, 2012

Time of Request: 8:00p.m. August 27, 2012

Reason for Request: Southern System scheduled quantities 30,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 70,000 Dth

Flow Date(s) Requested: August 29, 2012

Time of Request: 8:00p.m. August 28, 2012

Reason for Request: Southern System scheduled quantities 70,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 130,000 Dth

Flow Date(s) Requested: August 30, 2012

Time of Request: 9:45a.m. August 29, 2012

Reason for Request: Southern System scheduled quantities 130,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 60,000 Dth

Flow Date(s) Requested: October 02, 2012

Time of Request: 10:00a.m. October 01, 2012

Reason for Request: Southern System scheduled quantities 60,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: October 03, 2012

Time of Request: 10:00a.m. October 02, 2012

Reason for Request: Southern System scheduled quantities 80,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 180,000 Dth

Flow Date(s) Requested: October 11, 2012

Time of Request: 10:35a.m. October 10, 2012

Reason for Request: Southern System scheduled quantities 180,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: October 17, 2012

Time of Request: 11:00a.m. October 16, 2012

Reason for Request: Southern System scheduled quantities 90,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: October 30, 2012

Time of Request: 10:30a.m. October 29, 2012

Reason for Request: Southern System scheduled quantities 75,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: November 1, 2012

Time of Request: 10:30a.m. October 31, 2012

Reason for Request: Southern System scheduled quantities 90,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 60,000 Dth

Flow Date(s) Requested: November 1, 2012

Time of Request: 8:30 p.m. October 31, 2012

Reason for Request: Southern System scheduled quantities 60,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: November 2, 2012

Time of Request: 10:30 a.m. November 1, 2012

Reason for Request: Southern System scheduled quantities 50,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 8, 2012

Time of Request: 10:00p.m. November 7, 2012

Reason for Request: Southern System scheduled quantities 40,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 8, 2012

Time of Request: 10:20a.m. November 8, 2012

Reason for Request: Southern System scheduled quantities 40,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 17, 2012

Time of Request: 7:40p.m. November 16, 2012

Reason for Request: Southern System scheduled quantities 40,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 20,000 Dth

Flow Date(s) Requested: November 19, 2012

Time of Request: 4:10p.m. November 18, 2012

Reason for Request: Southern System scheduled quantities 20,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: November 22, 2012

Time of Request: 10:15a.m. November 21, 2012

Reason for Request: Southern System scheduled quantities 80,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 70,000 Dth

Flow Date(s) Requested: November 23, 2012

Time of Request: 10:15a.m. November 22, 2012

Reason for Request: Southern System scheduled quantities 70,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: November 23, 2012

Time of Request: 12:00p.m. November 23, 2012

Reason for Request: Southern System scheduled quantities 40,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: November 24, 2012

Time of Request: 10:30a.m. November 23, 2012

Reason for Request: Southern System scheduled quantities 80,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: November 25, 2012

Time of Request: 9:45a.m. November 24, 2012

Reason for Request: Southern System scheduled quantities 75,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 160,000 Dth

Flow Date(s) Requested: November 26, 2012

Time of Request: 9:45a.m. November 25, 2012

Reason for Request: Southern System scheduled quantities 160,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 60,000 Dth

Flow Date(s) Requested: December 1, 2012

Time of Request: 11:20a.m. November 30, 2012

Reason for Request: Southern System scheduled quantities 60,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: December 2, 2012

Time of Request: 10:30a.m. December 1, 2012

Reason for Request: Southern System scheduled quantities 45,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 55,000 Dth

Flow Date(s) Requested: December 5, 2012

Time of Request: 8:00p.m. December 4, 2012

Reason for Request: Southern System scheduled quantities 55,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 57,000 Dth

Flow Date(s) Requested: December 11, 2012

Time of Request: 8:10P.m. December 10, 2012

Reason for Request: Southern System scheduled quantities 57,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 151,000 Dth

Flow Date(s) Requested: December 19, 2012

Time of Request: 10:30 a.m. December 18, 2012

Reason for Request: Southern System scheduled quantities 151,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 17,000 Dth

Flow Date(s) Requested: December 19, 2012

Time of Request: 8:15 p.m. December 18, 2012

Reason for Request: Southern System scheduled quantities 17,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: December 20, 2012

Time of Request: 7:45 p.m. December 19, 2012

Reason for Request: Southern System scheduled quantities 15,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 95,000 Dth

Flow Date(s) Requested: December 20, 2012

Time of Request: 10:45 a.m.. December 20, 2012

Reason for Request: Southern System scheduled quantities 95,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: December 20, 2012

Time of Request: 11:07 a.m. December 20, 2012

Reason for Request: Expected shortfall on cycle 4



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 275,000 Dth

Flow Date(s) Requested: December 21, 2012

Time of Request: 10:59 a.m. December 20, 2012

Reason for Request: Southern System scheduled quantities 275,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 72,000 Dth

Flow Date(s) Requested: December 22, 2012

Time of Request: 9:45 a.m.. December 21, 2012

Reason for Request: Southern System scheduled quantities 72,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: December 23, 2012

Time of Request: 9:45 a.m.. December 22, 2012

Reason for Request: Southern System scheduled quantities 15,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: December 25, 2012

Time of Request: 12:10 p.m.. December 25, 2012

Reason for Request: Southern System scheduled quantities 100,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 248,000 Dth

Flow Date(s) Requested: December 26, 2012

Time of Request: 8:20 p.m.. December 25, 2012

Reason for Request: Southern System scheduled quantities 248,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 176,000 Dth

Flow Date(s) Requested: December 27, 2012

Time of Request: 9:50 a.m.. December 26, 2012

Reason for Request: Southern System scheduled quantities 176,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 32,000 Dth

Flow Date(s) Requested: December 27, 2012

Time of Request: 8:00 p.m.. December 26, 2012

Reason for Request: Southern System scheduled quantities 32,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 43,000 Dth

Flow Date(s) Requested: December 28, 2012

Time of Request: 8:10 p.m.. December 27, 2012

Reason for Request: Southern System scheduled quantities 43,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 207,000 Dth

Flow Date(s) Requested: December 28, 2012

Time of Request: 9:40 a.m.. December 27, 2012

Reason for Request: Southern System scheduled quantities 207,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: December 29, 2012

Time of Request: 9:35 a.m.. December 28, 2012

Reason for Request: Southern System scheduled quantities 100,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 92,000 Dth

Flow Date(s) Requested: December 30, 2012

Time of Request: 9:40 a.m.. December 29, 2012

Reason for Request: Southern System scheduled quantities 92,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 37,000 Dth

Flow Date(s) Requested: December 30, 2012

Time of Request: 8:00 p.m.. December 29, 2012

Reason for Request: Southern System scheduled quantities 37,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 84,000 Dth

Flow Date(s) Requested: December 31, 2012

Time of Request: 10:40 a.m.. December 30, 2012

Reason for Request: Southern System scheduled quantities 84,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: December 31, 2012

Time of Request: 8:00 p.m.. December 30, 2012

Reason for Request: Southern System scheduled quantities 45,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 116,000 Dth

Flow Date(s) Requested: January 01, 2013

Time of Request: 11:15 p.m.. December 31, 2012

Reason for Request: Southern System scheduled quantities 116,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 92,000 Dth

Flow Date(s) Requested: January 01, 2013

Time of Request: 8:15 p.m.. December 31, 2012

Reason for Request: Southern System scheduled quantities 92,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 262,000 Dth

Flow Date(s) Requested: January 02, 2013

Time of Request: 10:00 a.m.. January 01, 2013

Reason for Request: Southern System scheduled quantities 262,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 280,000 Dth

Flow Date(s) Requested: January 03, 2013

Time of Request: 10:00 a.m.. January 02, 2013

Reason for Request: Southern System scheduled quantities 280,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 18,000 Dth

Flow Date(s) Requested: January 03, 2013

Time of Request: 8:10 p.m.. January 02, 2013

Reason for Request: Southern System scheduled quantities 18,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 290,000 Dth

Flow Date(s) Requested: January 04, 2013

Time of Request: 9:50 a.m.. January 03, 2013

Reason for Request: Southern System scheduled quantities 290,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 42,000 Dth

Flow Date(s) Requested: January 04, 2013

Time of Request: 8:10 a.m.. January 03, 2013

Reason for Request: Southern System scheduled quantities 42,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 165,000 Dth

Flow Date(s) Requested: January 05, 2013

Time of Request: 9:50 a.m.. January 04, 2013

Reason for Request: Southern System scheduled quantities 165,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 106,000 Dth

Flow Date(s) Requested: January 06, 2013

Time of Request: 9:50 a.m.. January 05, 2013

Reason for Request: Southern System scheduled quantities 106,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 70,000 Dth

Flow Date(s) Requested: January 06, 2013

Time of Request: 8:10 p.m.. January 05, 2013

Reason for Request: Southern System scheduled quantities 70,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 196,000 Dth

Flow Date(s) Requested: January 07, 2013

Time of Request: 9:50 a.m.. January 06, 2013

Reason for Request: Southern System scheduled quantities 196,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 17,000 Dth

Flow Date(s) Requested: January 07, 2013

Time of Request: 8:10 p.m.. January 06, 2013

Reason for Request: Southern System scheduled quantities 17,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 296,000 Dth

Flow Date(s) Requested: January 08, 2013

Time of Request: 9:40 a.m.. January 07, 2013

Reason for Request: Southern System scheduled quantities 296,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: January 08, 2013

Time of Request: 8:10 p.m.. January 07, 2013

Reason for Request: Southern System scheduled quantities 15,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 305,000 Dth

Flow Date(s) Requested: January 09, 2013

Time of Request: 9:45 a.m.. January 08, 2013

Reason for Request: Southern System scheduled quantities 305,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Operations and System Integrity Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 150,000 Dth

Flow Date(s) Requested: January 10, 2013

Time of Request: 5:40 a.m., January 09, 2013

Reason for Request: Because of unusual cold forecasted temperatures and the continued shortfall in scheduled supplies in Cycle 1, SoCalGas' Gas Operations and System Integrity Department requested the Operational Hub to acquire additional supplies prior to Cycle 1.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 290,000 Dth

Flow Date(s) Requested: January 10, 2013

Time of Request: 10:10 a.m.. January 09, 2013

Reason for Request: Southern System scheduled quantities 290,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 625,000 Dth

Flow Date(s) Requested: January 11, 2013

Time of Request: 10:00 a.m.. January 10, 2013

Reason for Request: Southern System scheduled quantities 625,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 542,000 Dth

Flow Date(s) Requested: January 12, 2013

Time of Request: 9:45 a.m.. January 11, 2013

Reason for Request: Southern System scheduled quantities 542,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 400,000 Dth

Flow Date(s) Requested: January 13, 2013

Time of Request: 12:00 p.m., January 11, 2013

Reason for Request: Because of unusual cold forecasted temperatures and the continued shortfall in scheduled supplies in Cycle 1. SoCalGas' Gas Control Department requested the Operational Hub to acquire additional supplies prior to Cycle 1.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 133,000 Dth

Flow Date(s) Requested: January 13, 2013

Time of Request: 10:05 a.m.. January 12, 2013

Reason for Request: Southern System scheduled quantities 133,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: January 13, 2013

Time of Request: 1:30 p.m.. January 13, 2013

Reason for Request: Southern System scheduled quantities 30,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 400,000 Dth

Flow Date(s) Requested: January 14, 2013

Time of Request: 12:00 p.m., January 11, 2013

Reason for Request: Because of unusual cold forecasted temperatures and the continued shortfall in scheduled supplies in Cycle 1. SoCalGas' Gas Control Department requested the Operational Hub to acquire additional supplies prior to Cycle 1.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 158,000 Dth

Flow Date(s) Requested: January 14, 2013

Time of Request: 10:05 a.m.. January 13, 2013

Reason for Request: Southern System scheduled quantities 158,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 77,000 Dth

Flow Date(s) Requested: January 14, 2013

Time of Request: 12:00 p.m.. January 14, 2013

Reason for Request: Southern System scheduled quantities 77,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 400,000 Dth

Flow Date(s) Requested: January 15, 2013

Time of Request: 12:00 p.m., January 11, 2013

Reason for Request: Because of unusual cold forecasted temperatures and the continued shortfall in scheduled supplies in Cycle 1. SoCalGas' Gas Control Department requested the Operational Hub to acquire additional supplies prior to Cycle 1.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 330,000 Dth

Flow Date(s) Requested: January 15, 2013

Time of Request: 9:45 a.m.. January 14, 2013

Reason for Request: Southern System scheduled quantities 330,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System/Otay Mesa

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: January 15, 2013

Time of Request: 6:20 a.m., January 15, 2013

Reason for Request: Requested 100,000 Dths to be delivered at the Otay Mesa receipt point located in the Southern System to preserve reliability. Supplies were needed at the South end of the Southern System in order to maintain minimum system pressures.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 72,000 Dth

Flow Date(s) Requested: January 15, 2013

Time of Request: 8:00 p.m.. January 14, 2013

Reason for Request: Southern System scheduled quantities 72,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 499,000 Dth

Flow Date(s) Requested: January 16, 2013

Time of Request: 10:10 a.m.. January 15, 2013

Reason for Request: Southern System scheduled quantities 499,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System/Otay Mesa

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: January 16, 2013

Time of Request: 12:55 p.m., January 15, 2013

Reason for Request: Requested 50,000 Dths to be delivered at the Otay Mesa receipt point located in the Southern System to preserve reliability. Supplies were needed at the South end of the Southern System in order to maintain minimum system pressures.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 59,000 Dth

Flow Date(s) Requested: January 16, 2013

Time of Request: 8:20 p.m.. January 15, 2013

Reason for Request: Southern System scheduled quantities 59,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 464,000 Dth

Flow Date(s) Requested: January 17, 2013

Time of Request: 10:15 a.m. January 16, 2013

Reason for Request: Southern System scheduled quantities 464,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 49,000 Dth

Flow Date(s) Requested: January 17, 2013

Time of Request: 8:00 p.m. January 16, 2013

Reason for Request: Southern System scheduled quantities 49,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 460,000 Dth

Flow Date(s) Requested: January 18, 2013

Time of Request: 10:25 a.m. January 17, 2013

Reason for Request: Southern System scheduled quantities 460,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 321,000 Dth

Flow Date(s) Requested: January 19, 2013

Time of Request: 10:15 a.m. January 18, 2013

Reason for Request: Southern System scheduled quantities 321,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 310,000 Dth

Flow Date(s) Requested: January 20, 2013

Time of Request: 9:45 a.m. January 19, 2013

Reason for Request: Southern System scheduled quantities 310,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 288,000 Dth

Flow Date(s) Requested: January 21, 2013

Time of Request: 10:15 a.m. January 20, 2013

Reason for Request: Southern System scheduled quantities 288,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 310,000 Dth

Flow Date(s) Requested: January 22, 2013

Time of Request: 9:45 a.m. January 21, 2013

Reason for Request: Southern System scheduled quantities 310,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 282,000 Dth

Flow Date(s) Requested: January 23, 2013

Time of Request: 10:15 a.m. January 22, 2013

Reason for Request: Southern System scheduled quantities 282,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 236,000 Dth

Flow Date(s) Requested: January 24, 2013

Time of Request: 10:15 a.m. January 23, 2013

Reason for Request: Southern System scheduled quantities 236,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 174,000 Dth

Flow Date(s) Requested: January 25, 2013

Time of Request: 10:00 a.m. January 24, 2013

Reason for Request: Southern System scheduled quantities 174,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 93,000 Dth

Flow Date(s) Requested: January 28, 2013

Time of Request: 10:00 a.m. January 27, 2013

Reason for Request: Southern System scheduled quantities 93,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: March 13, 2013

Time of Request: 10:10 a.m. March 12, 2013

Reason for Request: Southern System scheduled quantities 40,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: March 16, 2013

Time of Request: 10:50 a.m. March 15, 2013

Reason for Request: Southern System scheduled quantities 30,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: March 18, 2013

Time of Request: 10:00 a.m. March 17, 2013

Reason for Request: Southern System scheduled quantities 75,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: March 20, 2013

Time of Request: 10:50 a.m. March 19, 2013

Reason for Request: Southern System scheduled quantities 50,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 30,000 Dth

Flow Date(s) Requested: March 21, 2013

Time of Request: 1:00 p.m. March 21, 2013

Reason for Request: Southern System scheduled quantities 30,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

Purpose: SoCalGas' Gas Control Department requested the Operational Hub acquire gas supplies to ensure system reliability.

Location: Southern System

Quantity Requested: 83,000 Dth

Flow Date(s) Requested: March 27, 2013

Time of Request: 10:00 a.m. March 26, 2013

Reason for Request: Southern System scheduled quantities 83,000 Dth below the southern system minimum flowing supply requirement.



ATTACHMENT 3

TO

APRIL 25, 2013 ANNUAL REPORT OF SYSTEM RELIABILITY ISSUES

OPERATIONAL HUB TRANSACTIONS TO MEET MINIMUM FLOW REQUIREMENT

Southern System Minimum Flow Purchase/Sale Summary
 Fourth Annual Report of System Reliability Issues
 April 2012-March 2013



	Total		June 2012		July 2012		August 2012		October 2012		November 2012		December 2012		January 2013		March 2013	
	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD
Bought	16,988,817	63,694,678	40,000	\$ 122,000	1,949,148	6,512,999	1,628,597	5,423,201	482,000	1,818,050	838,834	3,277,169	2,336,707	8,919,342	9,405,532	36,342,912	307,999	1,279,006
In-Kind Charge	58,253	-	116	-	7,387	-	6,175	-	1,436	-	2,500	-	6,963	-	32,672	-	1,004	-
Olney Transport Cost	-	55,080	-	-	-	97,088	-	-	-	-	-	-	-	-	-	55,080	-	-
BTS	-	1,069,380	-	3,600	-	-	-	48,673	-	-	-	54,848	-	139,785	-	656,100	-	23,025
Net Amount Flowed	16,930,564	\$ 64,819,139	39,884	\$ 125,600	1,941,761	6,610,087	1,622,422	5,471,873	480,564	1,864,312	836,334	3,332,017	2,329,744	9,059,127	9,372,860	37,054,092	306,995	1,302,030
Net Sales	16,930,338	\$ 58,528,804	39,884	\$ 115,764	1,842,579	5,656,241	1,721,604	5,414,875	480,338	1,700,612	836,334	3,041,240	2,325,542	8,208,090	9,377,062	33,119,642	306,995	1,272,340
Net Cost		\$ 6,290,334		\$ 9,836		\$ 953,846		\$ 56,998		\$ 163,700		\$ 290,777		\$ 851,037		\$ 3,934,450		\$ 29,691
Cost/Dth		\$ 0.37		\$ 0.25		\$ 0.49		\$ 0.04		\$ 0.34		\$ 0.35		\$ 0.37		\$ 0.42		\$ 0.10

Southern System Minimum Flow Purchase/Sale

Notification Minimum Flow		PURCHASE						SALE									
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .289%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale
June 2012 Activity																	
6/28/12	6/29/12	40,000	1175	40,000	116	39,884	\$3.05	within Sec 13	\$122,000	\$3,600	6/29/12	1176	10,000	\$2.91	within Sec 13	\$29,100	
											6/29/12	1177	29,884	\$2.90	within Sec 13	\$86,664	
Total		40,000		40,000	116	39,884			\$122,000	\$3,600			39,884			\$115,764	\$9,836

Southern System Minimum Flow Purchase/Sale

Notification Minimum Flow					PURCHASE										SALE					Net \$
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .379%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale			
July 2012 Activity																				
7/9/12	7/9/12	40,000	1179	5,000	19	4,981	\$3.0000	within Sec 13	\$15,000	\$249	7/9/12	1181	29,848	\$3.0200	within Sec 13	\$90,141				
			1180	35,000	133	34,867	\$3.0300	within Sec 13	\$106,050	\$1,743	7/9/12	1182	10,000	\$3.0300	within Sec 13	\$30,300				
7/10/12	7/11/12	30,000	1183	30,000	114	29,886	\$3.0300	within Sec 13	\$90,900	\$1,494	7/11/12	1184	10,000	\$2.9400	within Sec 13	\$29,400				
											7/11/12	1185	10,000	\$2.9450	within Sec 13	\$29,450				
											7/11/12	1186	9,885	\$2.9450	within Sec 13	\$29,111				
7/11/12	7/12/12	80,000	1187	80,000	303	79,697	\$3.1200	within Sec 13	\$249,600	\$3,985	7/11/12	1188	1,999	\$2.9900	within Sec 13	\$5,977				
7/12/12	7/12/12	40,000	1191	25,000	95	24,905	\$3.1800	within Sec 13	\$79,500	\$1,245	7/11/12	1189	18,000	\$2.9900	within Sec 13	\$53,820				
			1192	15,000	57	14,943	\$3.2500	within Sec 14	\$48,750	\$747	7/11/12	1190	20,000	\$3.0200	within Sec 13	\$60,400				
											7/12/12	1193	20,000	\$3.0200	within Sec 13	\$60,400				
											7/13/12	1194	19,984	\$3.0100	within Sec 13	\$60,152				
											7/12/12	1195	14,600	\$3.0100	within Sec 13	\$43,946				
											7/13/12	1196	10,000	\$3.0100	within Sec 13	\$30,100				
											7/13/12	1197	5,000	\$3.0100	within Sec 13	\$15,050				
											7/13/12	1198	4,800	\$3.0050	within Sec 13	\$14,424				
											7/13/12	1199	5,000	\$3.0100	within Sec 13	\$15,050				
7/12/12	7/13/12	25,000	1201	25,000	95	24,905	\$3.0900	within Sec 13	\$77,250	\$1,245	7/13/12	1202	12,000	\$3.0000	within Sec 13	\$36,000				
											7/13/12	1203	12,000	\$3.0100	within Sec 13	\$36,120				
7/13/12	7/14/12	45,000	1206	45,000	171	44,829	\$3.1200	within Sec 13	\$140,400	\$2,241	7/16/12	1209	20,000	\$2.9700	within Sec 13	\$59,400				
											7/16/12	1210	20,000	\$2.9600	within Sec 13	\$59,200				
											7/17/12	1212	5,000	\$2.7600	within Sec 13	\$13,800				
7/16/12	7/16/12	45,000	1207	25,000	95	24,905	\$3.1400	within Sec 13	\$78,500	\$1,245	7/17/12	1213	10,000	\$2.7500	within Sec 13	\$27,500				
			1208	19,999	76	19,923	\$3.1900	within Sec 13	\$63,797	\$996	7/17/12	1214	10,000	\$2.7400	within Sec 13	\$27,400				
											7/17/12	1215	10,000	\$2.7600	within Sec 13	\$27,600				
											7/17/12	1216	15,708	\$2.7700	within Sec 13	\$43,511				
7/17/12	7/18/12	30,000	1217	30,000	114	29,886	\$2.8200	within Sec 13	\$84,600	\$1,494	7/19/12	1218	10,000	\$2.8000	within Sec 13	\$28,000				
											7/19/12	1220	10,000	\$2.8200	within Sec 13	\$28,200				
											7/20/12	1224	9,800	\$2.9550	within Sec 13	\$28,959				
7/18/12	7/19/12	160,000	1221	27,000	102	26,898	\$3.3000	within Sec 14	\$89,100	\$1,345	7/20/12	1225	100,000	\$2.9550	within Sec 13	\$295,500				
			1222	125,000	474	124,526	\$3.3400	within Sec 14	\$417,500	\$6,226	7/19/12	1226	20,000	\$2.9600	within Sec 13	\$59,200				
			1223	8,000	30	7,970	\$3.4500	within Sec 14	\$27,600	\$398	7/20/12	1227	9,980	\$2.9550	within Sec 13	\$29,491				
											7/20/12	1228	5,100	\$2.9700	within Sec 13	\$15,147				
											7/19/12	1229	10,000	\$2.9700	within Sec 13	\$29,700				
											7/19/12	1230	10,000	\$2.9700	within Sec 13	\$29,700				
											7/19/12	1231	4,299	\$2.9500	within Sec 13	\$12,682				
7/19/12	7/20/12	140,000	1232	50,000	190	49,811	\$3.1900	within Sec 13	\$159,500	\$2,491	7/20/12	1235	49,992	\$2.9600	within Sec 13	\$147,976				
			1233	47,000	178	46,822	\$3.3500	within Sec 14	\$157,450	\$2,341	7/20/12	1236	89,000	\$2.9600	within Sec 13	\$263,440				
			1234	33,000	125	32,875	\$3.4500	within Sec 14	\$113,850	\$1,644	7/21-23/12	1239	60,000	\$3.0100	within Sec 13	\$180,600				
			1237	10,000	38	9,962	\$3.3000	within Sec 14	\$33,000	\$498	7/21-23/12	1240	19,695	\$3.0200	within Sec 13	\$59,479				
7/19/12	7/20/12	80,000	1238	79,999	303	79,696	\$3.5400	within Sec 14	\$283,196	\$3,985										
7/20/12	7/21/12	150,000	1241	10,000	38	9,962	\$3.3500	within Sec 14	\$33,500	\$498	7/21/12	1243	50,000	\$3.0900	within Sec 13	\$154,500				
			1242	109,000	413	108,587	\$3.3400	within Sec 14	\$364,060	\$5,429	7/21-23/12	1245	30,000	\$3.0600	within Sec 13	\$91,800				
			1244	31,000	117	30,883	\$3.5300	within Sec 14	\$109,430	\$1,544	7/22/12	1247	50,000	\$3.0900	within Sec 13	\$154,500				
											7/22/12	1250	19,432	\$3.0900	within Sec 13	\$60,045				
7/21/12	7/22/12	135,000	1246	118,956	451	118,505	\$3.3400	within Sec 14	\$397,313	\$5,925	7/22/12	1250	10,568	\$3.0900	within Sec 13	\$32,655				

Southern System Minimum Flow Purchase/Sale

Notification Minimum Flow				PURCHASE										SALE				Net \$
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .379%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale	
July 2012 Activity																		
			1248	10,000	38	9,962	\$3.3500	within Sec 14	\$33,500	\$498	7/23/12	1253	50,000	\$3,0900	within Sec 13	\$154,500		
			1249	6,000	23	5,977	\$3.5000	within Sec 14	\$21,000	\$299	7/24/12	1255	73,876	\$3.1000	within Sec 13	\$229,016		
7/22/12	7/23/12	200,000	1251	10,000	38	9,962	\$3.3500	within Sec 14	\$33,500	\$498	7/24/12	1255	126,124	\$3.1000	within Sec 13	\$390,984		
			1252	65,000	246	64,754	\$3.4000	within Sec 14	\$221,000	\$3,238	7/24/12	1256	68,000	\$3.1000	within Sec 13	\$210,800		
			1254	124,812	473	124,339	\$3.3400	within Sec 14	\$416,872	\$6,217	7/24/12	1257	7,500	\$3.1000	within Sec 13	\$23,250		
7/22/12	7/23/12	45,000	1260	45,000	171	44,829	\$3.4000	within Sec 14	\$153,000	\$2,241	7/23/12	1258	30,000	\$3.0900	within Sec 13	\$92,700		
											7/23/12	1259	10,000	\$3.1000	within Sec 13	\$31,000		
											7/25/12	1264	2,260	\$3.2000	within Sec 13	\$7,232		
7/23/12	7/24/12	175,000	1261	40,000	152	39,848	\$3.3900	within Sec 13	\$135,600	\$1,992	7/25/12	1264	37,740	\$3.2000	within Sec 13	\$120,768		
			1262	20,000	76	19,924	\$3.4000	within Sec 13	\$68,000	\$996	7/24/12	1265	40,000	\$3.2000	within Sec 13	\$128,000		
			1263	115,000	436	114,564	\$3.5000	within Sec 14	\$402,500	\$5,728	7/25/12	1266	10,000	\$3.1900	within Sec 13	\$31,900		
											7/25/12	1267	30,300	\$3.1900	within Sec 13	\$96,657		
											7/25/12	1268	10,000	\$3.2000	within Sec 13	\$32,000		
											7/24/12	1269	20,000	\$3.2100	within Sec 13	\$64,200		
											7/24/12	1270	3,500	\$3.2100	within Sec 13	\$11,235		
											7/24/12	1272	1,500	\$3.2100	within Sec 13	\$4,815		
											7/24/12	1273	18,000	\$3.2000	within Sec 13	\$57,600		
											7/26/12	1277	3,296	\$3.2500	within Sec 13	\$10,712		
7/24/12	7/25/12	175,000	1274	40,000	152	39,848	\$3.5500	within Sec 14	\$142,000	\$1,992	7/26/12	1277	16,704	\$3.2500	within Sec 13	\$54,288		
			1275	36,000	136	35,864	\$3.5500	within Sec 14	\$127,800	\$1,793	7/26/12	1278	38,000	\$3.2500	within Sec 13	\$123,500		
			1276	99,000	375	98,625	\$3.5900	within Sec 14	\$355,410	\$4,931	7/26/12	1279	12,000	\$3.2500	within Sec 13	\$39,000		
											7/26/12	1280	29,990	\$3.2500	within Sec 13	\$97,468		
											7/26/12	1281	1,500	\$3.2100	within Sec 13	\$4,815		
											7/26/12	1282	9,976	\$3.2200	within Sec 13	\$32,123		
											7/26/12	1283	10,000	\$3.2100	within Sec 13	\$32,100		
											7/26/12	1284	10,000	\$3.2000	within Sec 13	\$32,000		
											7/26/12	1285	10,000	\$3.1900	within Sec 13	\$31,900		
											7/26/12	1287	5,000	\$3.1500	within Sec 13	\$15,750		
											7/26/12	1288	5,000	\$3.1700	within Sec 13	\$15,850		
											7/26/12	1289	5,000	\$3.1500	within Sec 13	\$15,750		
											7/25/12	1290	10,000	\$3.1800	within Sec 13	\$31,800		
											7/26/12	1293	11,133	\$3.1000	within Sec 13	\$34,512		
7/25/12	7/26/12	145,000	1291	124,999	474	124,525	\$3.3400	within Sec 13	\$417,497	\$6,226	7/26/12	1293	28,867	\$3.1000	within Sec 13	\$89,488		
			1292	20,000	76	19,924	\$3.3500	within Sec 13	\$67,000	\$996	7/25/12	1294	10,000	\$3.1400	within Sec 13	\$31,400		
											7/27/12	1295	25,000	\$3.1350	within Sec 13	\$78,375		
											7/25/12	1296	1,635	\$3.1400	within Sec 13	\$5,134		
											7/27/12	1297	47,800	\$3.1350	within Sec 13	\$149,853		
											7/27/12	1298	2,500	\$3.1300	within Sec 13	\$7,825		
											7/27/12	1299	1,297	\$3.1300	within Sec 13	\$4,060		
											7/27/12	1300	300	\$3.1250	within Sec 13	\$938		
											7/26/12	1301	7,600	\$3.1200	within Sec 13	\$23,712		
											7/26/12	1302	20,000	\$3.1000	within Sec 13	\$62,000		
7/29/12	7/30/12	60,000	1305	60,000	227	59,773	\$3.3000	within Sec 13	\$198,000	\$2,989	7/31/12	1307	22,000	\$3.1550	within Sec 13	\$69,410		
		50,000	1306	11,383	43	11,340	\$3.3000	within Sec 13	\$37,564	\$567	7/31/12	1310	25,000	\$3.1550	within Sec 13	\$78,875		
			1308	15,000	57	14,943	\$3.3500	within Sec 13	\$50,250	\$747	7/31/12	1311	20,000	\$3.1600	within Sec 13	\$63,200		
			1309	23,000	87	22,913	\$3.4200	within Sec 14	\$78,660	\$1,146	7/31/12	1312	25,000	\$3.1600	within Sec 13	\$79,000		

Southern System Minimum Flow Purchase/Sale

Notification Minimum Flow				PURCHASE					SALE								
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .379%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ \$Purchase minus \$Sale
July 2012 Activity																	
7/30/12	7/31/12	100,000	1315	100,000	379	99,621	\$3.3400	within Sec 13	\$334,000	\$4,981	7/31/12	1314	17,491	\$3.1400	within Sec 13	\$54,922	

Total	1,950,000	1,949,148	7.387	1,941,761					\$6,512,999	\$97,088			1,842,579			\$5,656,241	\$953,846
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99,182 need to sell


Amount sold on 7/31/12 for flow date 8/1/12. See Aug log.

Southern System Minimum Flow Purchase/Sale

Notification Minimum Flow		PURCHASE										SALE					Net \$
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	Inkind .379%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	\$Purchase minus \$Sale
August 2012 Activity																	
	7/31/12										8/1/12	1316	49,785	\$3.2300	within Sec 13	\$160,806	
											8/1/12	1317	20,000	\$3.2500	within Sec 13	\$65,000	
											8/1/12	1318	20,000	\$3.2400	within Sec 13	\$64,800	
											8/1/12	1319	9,397	\$3.2450	within Sec 13	\$30,493	
7/31/12	8/1/12	155,000	1321	155,000	587	154,413	\$3.3400	within Sec 13	\$517,700	\$4,632	8/1/12	1319	603	\$3.2450	within Sec 13	\$1,957	
											8/2/12	1322	100,000	\$3.2300	within Sec 13	\$323,000	
											8/2/12	1323	54,400	\$3.2200	within Sec 13	\$175,168	
8/1/12	8/2/12	160,000	1324	160,000	606	159,394	\$3.3200	within Sec 13	\$531,200	\$4,782	8/3/12	1325	100,000	\$3.2100	within Sec 13	\$321,000	
											8/3/12	1326	10,000	\$3.2100	within Sec 13	\$32,100	
											8/3/12	1327	35,000	\$3.2100	within Sec 13	\$112,350	
											8/3/12	1328	14,300	\$3.2100	within Sec 13	\$45,903	
8/2/12	8/3/12	150,000	1329	150,000	568	149,432	\$3.2600	within Sec 13	\$489,000	\$4,483	8/4-6/2012	1330	120,000	\$3.0100	within Sec 13	\$361,200	
											8/4-6/2012	1331	29,400	\$3.0100	within Sec 13	\$88,494	
8/3/12	8/4/12	20,000	1332	20,000	76	19,924	\$3.2000	within Sec 13	\$64,000	\$598	8/6/12	1334	40,000	\$3.1200	within Sec 13	\$124,800	
											8/6/12	1335	50,000	\$3.1200	within Sec 13	\$156,000	
8/6/12	8/6/12	130,000	1333	130,000	493	129,507	\$3.2500	within Sec 13	\$422,500	\$3,885	8/7/12	1336	40,000	\$3.1400	within Sec 13	\$125,600	
											8/8/12	1339	100,000	\$3.2000	within Sec 13	\$320,000	
8/6/12	8/7/12	175,000	1337	70,000	266	69,734	\$3.3900	within Sec 13	\$237,300	\$2,092	8/7/12	1340	50,000	\$3.2100	within Sec 13	\$160,500	
											8/7/12	1341	25,000	\$3.2000	within Sec 13	\$80,000	
8/7/12	8/7/12	25,000	1342	15,599	59	15,540	\$3.3500	within Sec 14	\$52,257	\$466	8/7/12	1344	10,000	\$3.1800	within Sec 13	\$31,800	
											8/7/12	1345	22,000	\$3.1700	within Sec 13	\$69,740	
											8/9/12	1348	120,000	\$3.2050	within Sec 13	\$384,600	
8/7/12	8/8/12	200,000	1346	80,000	304	79,696	\$3.4000	within Sec 13	\$272,000	\$2,391	8/9/12	1349	90,000	\$3.2050	within Sec 13	\$288,450	
8/8/12	8/9/12	180,000	1351	80,000	304	79,696	\$3.4000	within Sec 13	\$272,000	\$2,391	8/10/12	1353	100,000	\$3.1800	within Sec 13	\$318,000	
											8/10/12	1354	50,000	\$3.1800	within Sec 13	\$159,000	
											8/9/12	1355	10,000	\$3.1700	within Sec 13	\$31,700	
											8/9/12	1356	13,300	\$3.1700	within Sec 13	\$42,161	
8/9/12	8/10/12	180,000	1358	10,000	38	9,962	\$3.5000	within Sec 14	\$35,000	\$299	8/11-13/12	1361	60,000	\$3.1550	within Sec 13	\$189,300	
											8/11-13/12	1362	119,100	\$3.1500	within Sec 13	\$375,165	
8/10/12	8/11/12	30,000	1363	30,000	114	29,886	\$3.2500	within Sec 13	\$97,500	\$897	8/13/12	1364	30,000	\$3.1300	within Sec 13	\$93,900	
											8/23/12	1367	195	\$3.0300	within Sec 13	\$591	
8/28/12	8/28/12	30,000	1372	29,998	114	29,885	\$3.0500	within Sec 13	\$91,494	\$897	8/28/12	1373	2,500	\$2.9300	within Sec 13	\$7,325	
											8/29/12	1385	15,000	\$2.9400	within Sec 13	\$44,100	
											8/29/12	1386	5,000	\$2.9400	within Sec 13	\$14,700	
											8/29/12	1387	5,218	\$2.9400	within Sec 13	\$15,341	
8/29/12	8/29/12	70,000	1377	10,000	38	9,962	\$3.1200	within Sec 13	\$31,200	\$299	8/29/12	1388	0	\$2.9400	within Sec 13	\$0	
											8/30/12	1379	10,000	\$2.9300	within Sec 13	\$29,300	
											8/30/12	1380	10,000	\$2.9400	within Sec 13	\$29,400	
											8/30/12	1381	5,100	\$2.9350	within Sec 13	\$14,969	
											8/30/12	1382	4,900	\$2.9350	within Sec 13	\$14,382	

Southern System Minimum Flow Purchase/Sale

Notification Minimum Flow				PURCHASE					SALE					Net \$			
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .379%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ \$Purchase minus \$Sale
August 2012 Activity																	
											8/30/12	1383	10,000	\$2.9350	within Sec 13	\$29,350	
											8/30/12	1384	20,000	\$2.9400	within Sec 13	\$58,800	
											8/31/12	1391	10,000	\$2.9700	within Sec 13	\$29,700	
8/29/12	8/30/12	130,000	1389	15,000	57	14,943	\$3.1200	within Sec 13	\$46,800	\$448	8/31/12	1392	40,000	\$2.9700	within Sec 13	\$118,800	
			1390	115,000	436	114,564	\$3.1500	within Sec 13	\$362,250	\$3,437	8/31/12	1393	10,000	\$3.0000	within Sec 13	\$30,000	
											8/31/12	1394	10,000	\$3.0000	within Sec 13	\$30,000	
											8/31/12	1395	10,000	\$3.0000	within Sec 13	\$30,000	
											8/31/12	1396	5,000	\$3.0100	within Sec 13	\$15,050	
											8/30/12	1397	10,000	\$3.0200	within Sec 13	\$30,200	
											8/30/12	1398	10,000	\$3.0200	within Sec 13	\$30,200	
											8/31/12	1399	10,000	\$3.0200	within Sec 13	\$30,200	
											8/30/12	1404	10,000	\$3.0100	within Sec 13	\$30,100	
											8/31/12	1405	16,406	\$3.0100	within Sec 13	\$49,382	
Total		1,635,000		1,628,597	6,175	1,622,423			\$5,423,201	\$48,673			1,721,604			\$5,414,875	\$56,998

1,721,604

\$5,423,201

1,628,597

1,635,000

Total

(99,181) Oversold

1 need to sell

99,182 dth sold pertain to July Purchases

Southern System Minimum Flow Purchase/Sale

October 2012 Activity

PURCHASE										SALE							
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .298%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale
10/1/12	10/2/12	60,000	1415	60,000	179	59,821	\$3.7000	within Sec 13	\$222,000	\$5,982	10/2/12	1416	10,000	\$3.7000	within Sec 13	\$37,000	
											10/2/12	1417	39,595	\$3.6800	within Sec 13	\$145,710	
											10/2/12	1418	10,000	\$3.6800	within Sec 13	\$36,800	
10/2/12	10/3/12	80,000	1419	10,000	30	9,970	\$3.8000	within Sec 13	\$38,000	\$997	10/3/12	1421	79,762	\$3.6500	within Sec 13	\$291,131	
10/10/12	10/11/12	180,000	1429	30,000	89	29,911	\$3.7000	within Sec 13	\$111,000	\$2,991	10/11/12	1431	132,500	\$3.2500	within Sec 13	\$430,625	
											10/11/12	1432	10,000	\$3.6500	within Sec 13	\$36,500	
											10/12/12	1433	30,000	\$3.6850	within Sec 13	\$110,550	
											10/11/12	1434	3,974	\$3.6500	within Sec 13	\$14,505	
10/16/12	10/17/12	90,000	1437	10,000	30	9,970	\$3.8600	within Sec 13	\$38,600	\$798	10/17/12	1439	80,000	\$3.7600	within Sec 13	\$300,800	
											10/17/12	1440	9,349	\$3.7900	within Sec 13	\$35,433	
											10/17/12	1441	29	\$3.7600	within Sec 13	\$109	
10/29/12	10/30/12	75,000	1462	75,000	223	74,777	\$3.7800	within Sec 13	\$283,500	\$7,478	10/30/12	1463	75,129	\$3.4800	within Sec 13	\$261,449	

Total 485,000

482,000

\$1,818,050

480,338

\$1,700,612

Carryover from December 2011 Activity

Carryover from March 2012 Activity

Carryover from August 2012 Activity

-12

239

-1

Balance

-

Southern System Minimum Flow Purchase/Sale

November 2012 Activity

Notification Minimum Flow				PURCHASE							SALE						
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .298%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	TC#	Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale
10/31/12	11/1/12	90,000	1466	63,000	188	62,812	\$4.0500	within Sec 13	\$255,150	\$1,884	1467	89,732	11/1/12	\$3.6500	within Sec 13	\$327,522	
			1465	26,953	80	26,873	\$4.0500	within Sec 13	\$109,160	\$806							
11/1/12	11/1/12	60,000	1468	59,725	178	59,547	\$4.0500	within Sec 13	\$241,886	\$1,786	1469	59,500	11/1/12	\$3.8500	within Sec 13	\$229,075	
11/1/12	11/2/12	50,000	1470	15,000	45	14,955	\$3.9800	within Sec 13	\$59,700	\$150	1472	35,000	11/2/12	\$3.8000	within Sec 13	\$133,000	
			1471	34,323	102	34,221	\$4.0000	within Sec 13	\$137,292	\$342	1473	15,100	11/2/12	\$3.7000	within Sec 13	\$55,870	
11/8/12	11/8/12	40,000	1474	14,073	42	14,031	\$3.9500	within Sec 13	\$55,588	\$702	1475	14,193	11/8/12	\$3.7500	within Sec 13	\$53,224	
			1477	23,680	71	23,609	\$4.0000	within Sec 13	\$94,720	\$1,180	1476	23,183	11/8/12	\$3.6000	within Sec 13	\$83,459	
11/8/12	11/8/12	40,000	1479	15,949	48	15,901	\$3.9500	within Sec 13	\$62,999	\$795	1480	16,086	11/8/12	\$3.5500	within Sec 13	\$57,105	
			1481	21,389	64	21,325	\$3.9000	within Sec 13	\$83,417	\$1,066	1482	21,405	11/8/12	\$3.6000	within Sec 13	\$77,058	
11/17/12	11/17/12	40,000	1484	39,999	119	39,880	\$3.9000	within Sec 13	\$155,996	\$3,988	1485	39,880	11/17/12	\$3.6500	within Sec 13	\$145,562	
11/18/12	11/19/12	20,000	1486	20,000	60	19,940	\$3.9000	within Sec 13	\$78,000	\$1,396	1487	19,940	11/19/12	\$3.6500	within Sec 13	\$72,781	
11/21/12	11/22/12	80,000	1490	35,000	104	34,896	\$3.8500	within Sec 13	\$134,750	\$3,490	1491	35,000	11/22/12	\$3.5500	within Sec 13	\$124,250	
			1492	45,000	134	44,866	\$3.8500	within Sec 13	\$173,250	\$4,487	1493	44,762	11/22/12	\$3.6000	within Sec 13	\$161,143	
11/22/12	11/23/12	70,000	1494	70,000	209	69,791	\$3.8500	within Sec 13	\$269,500	\$6,979	1495	69,791	11/23/12	\$3.6000	within Sec 13	\$251,248	
11/23/12	11/23/12	40,000	1498	40,000	119	39,881	\$3.8500	within Sec 13	\$154,000	\$3,988	1499	39,881	11/23/12	\$3.6000	within Sec 13	\$143,572	
11/23/12	11/24/12	80,000	1496	79,743	238	79,505	\$3.8500	within Sec 13	\$307,011	\$7,951	1497	79,505	11/24/12	\$3.6000	within Sec 13	\$286,218	
11/24/12	11/25/12	75,000	1500	75,000	224	74,777	\$3.8500	within Sec 13	\$288,750	\$7,478	1501	74,777	11/25/12	\$3.6000	within Sec 13	\$269,197	
11/25/12	11/26/12	160,000	1502	160,000	477	159,523	\$3.8500	within Sec 13	\$616,000	\$6,381	1503	159,599	11/26/12	\$3.6000	within Sec 13	\$570,956	
Total				838,834	2,500	836,334			\$3,277,169	\$54,848		836,334				\$3,041,240	\$290,777

Southern System Minimum Flow Purchase/Sale

December 2012 Activity

Notification Minimum Flow					PURCHASE							SALE							Net \$
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .298%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale		
11/30/12	12/1/12	60,000	1507	35,000	105	34,895	\$3.7300	within Sec 13	\$130,550	\$2,094	12/1/12	1508	34,895	\$3.5000	within Sec 13	\$122,133			
			1509	25,000	74	24,926	\$3.6500	within Sec 13	\$91,250	\$1,496	12/1/12	1510	24,926	\$3.4000	within Sec 13	\$84,748			
12/1/12	12/2/12	45,000	1511	28,578	86	28,492	\$3.7300	within Sec 13	\$106,596	\$1,710	12/2/12	1512	28,497	\$3.5000	within Sec 13	\$99,740			
			1513	8,171	24	8,147	\$3.6500	within Sec 13	\$29,824	\$489	12/2/12	1514	8,142	\$3.4000	within Sec 13	\$27,683			
12/4/12	12/5/12	55,000	1516	30,000	89	29,911	\$4.0000	within Sec 14	\$120,000	\$1,795	12/5/12	1520	20,000	\$3.7600	within Sec 13	\$75,200			
			1515	25,000	75	24,925	\$3.7900	within Sec 14	\$94,750	\$1,496	12/5/12	1517	10,000	\$3.7700	within Sec 13	\$37,700			
											12/5/12	1518	10,000	\$3.7650	within Sec 13	\$37,650			
											12/5/12	1519	4,836	\$3.7600	within Sec 13	\$18,183			
											12/6/12	1521	10,000	\$3.7800	within Sec 13	\$37,800			
12/10/12	12/11/12	57,000	1523	37,000	110	36,890	\$3.9600	within Sec 13	\$146,520	\$2,213	12/11/12	1528	10,000	\$3.7800	within Sec 13	\$37,800			
			1522	20,000	60	19,940	\$3.9000	within Sec 13	\$78,000	\$1,196	12/11/12	1524	10,000	\$3.7800	within Sec 13	\$37,800			
											12/11/12	1525	10,000	\$3.7800	within Sec 13	\$37,800			
											12/11/12	1526	10,000	\$3.7800	within Sec 13	\$37,800			
											12/11/12	1527	6,830	\$3.7600	within Sec 13	\$25,681			
											12/12/12	1529	10,000	\$3.7500	within Sec 13	\$37,500			
12/18/12	12/19/12	151,000	1535	151,000	450	150,550	\$3.8500	within Sec 13	\$581,350	\$9,033	12/20/12	1538	10,000	\$3.5950	within Sec 13	\$35,950			
12/19/12	12/19/12	17,000	1536	17,000	51	16,949	\$3.8500	within Sec 13	\$65,450	\$1,017	12/20/12	1539	5,000	\$3.5950	within Sec 13	\$17,975			
											12/20/12	1540	300	\$3.5950	within Sec 13	\$1,079			
											12/20/12	1541	12,000	\$3.5950	within Sec 13	\$43,140			
											12/19/12	1537	117,316	\$3.6000	within Sec 13	\$422,338			
12/19/12	12/20/12	309,000	1543	273,000	813	272,187	\$3.7800	within Sec 13	\$1,031,940	\$16,331	12/20/12	1544	300,000	\$3.5700	within Sec 13	\$1,071,000			
			1542	36,000	107	35,893	\$3.7000	within Sec 13	\$133,200	\$2,154	12/20/12	1547	15,000	\$3.4500	within Sec 13	\$51,750			
12/20/12	12/20/12	15,000	1546	15,000	45	14,955	\$3.8000	within Sec 13	\$57,000	\$897	12/21/12	1548	8,000	\$3.6750	within Sec 13	\$29,400			
12/20/12	12/20/12	110,000	1551	110,000	328	109,672	\$3.8600	within Sec 13	\$424,600	\$6,580	12/20/12	1552	110,000	\$3.2200	within Sec 13	\$354,200			
12/20/12	12/21/12	275,000	1553	36,000	107	35,893	\$3.7500	within Sec 13	\$135,000	\$2,154	12/21/12	1555	89,000	\$3.5000	within Sec 13	\$311,500			
			1554	239,000	712	238,288	\$3.9000	within Sec 13	\$932,100	\$14,297	12/21/12	1557	20,000	\$3.7600	within Sec 13	\$75,200			
											12/21/12	1558	20,000	\$3.7600	within Sec 13	\$75,200			
											12/21/12	1559	20,000	\$3.7600	within Sec 13	\$75,200			
											12/21/12	1560	20,000	\$3.7600	within Sec 13	\$75,200			
											12/21/12	1561	20,000	\$3.7600	within Sec 13	\$75,200			
											12/21/12	1562	20,000	\$3.7600	within Sec 13	\$75,200			
											12/22-24/2012	1563	25,800	\$3.7400	within Sec 13	\$96,492			
											12/21/12	1564	20,000	\$3.7600	within Sec 13	\$75,200			
											12/21/12	1565	19,000	\$3.7500	within Sec 13	\$71,250			
12/21/12	12/22/12	72,000	1566	35,959	107	35,852	\$3.7500	within Sec 13	\$134,846	\$2,151	12/22/12	1568	30,000	\$3.7300	within Sec 13	\$111,900			
			1567	36,000	107	35,893	\$3.9900	within Sec 13	\$143,640	\$2,154	12/22/12	1569	30,000	\$3.7000	within Sec 13	\$111,000			
12/22/12	12/23/12	15,000	1570	15,000	45	14,955	\$3.9900	within Sec 13	\$59,850	\$897	12/26/12	1574	163,000	\$3.5000	within Sec 13	\$570,500			
12/25/12	12/25/12	100,000	1571	100,000	298	99,702	\$4.2000	within Sec 14	\$420,000	\$5,982	12/27/12	1576	20,000	\$3.6700	within Sec 13	\$73,400			
12/25/12	12/26/12	248,000	1573	162,999	486	162,513	\$3.9000	within Sec 13	\$635,696	\$9,751	12/27/12	1577	15,000	\$3.6700	within Sec 13	\$55,050			
			1575	25,000	74	24,926	\$3.9000	within Sec 13	\$97,500	\$1,496	12/27/12	1578	30,000	\$3.6700	within Sec 13	\$110,100			
			1579	60,000	179	59,821	\$3.9000	within Sec 13	\$234,000	\$3,589	12/26/12	1580	60,000	\$3.2700	within Sec 13	\$196,200			
											12/26/12	1581	20,000	\$3.6700	within Sec 13	\$73,400			

Southern System Minimum Flow Purchase/Sale

December 2012 Activity

Notification Minimum Flow				PURCHASE							SALE					Net \$	
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .298%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale
											12/26/12	1582	10,000	\$3.6600	within Sec 13	\$36,600	
											12/26/12	1583	15,000	\$3.6800	within Sec 13	\$55,200	
											12/26/12	1584	20,000	\$3.6700	within Sec 13	\$73,400	
12/26/12	12/27/12	176,000	1585	36,000	107	35,893	\$3.7000	within Sec 13	\$133,200	\$2,154	12/27/12	1587	35,000	\$3.5000	within Sec 13	\$122,500	
			1586	35,000	104	34,896	\$3.8000	within Sec 13	\$133,000	\$2,094	12/27/12	1589	105,000	\$3.5000	within Sec 13	\$367,500	
			1588	105,000	314	104,686	\$3.8000	within Sec 13	\$399,000	\$6,281	12/27/12	1591	32,000	\$3.5000	within Sec 13	\$112,000	
12/27/12	12/27/12	32,000	1590	32,000	95	31,905	\$3.8000	within Sec 13	\$121,600	\$1,914	12/27/12	1593	20,000	\$3.6000	within Sec 13	\$72,000	
											12/28/12	1595	171,000	\$3.4000	within Sec 13	\$581,400	
12/27/12	12/28/12	207,000	1592	36,000	107	35,893	\$3.6800	within Sec 13	\$132,480	\$2,154	12/27/12	1596	20,000	\$3.6000	within Sec 13	\$72,000	
			1594	171,000	510	170,490	\$3.7000	within Sec 13	\$632,700	\$10,229	12/28/12	1597	20,000	\$3.6000	within Sec 13	\$72,000	
12/28/12	12/28/12	43,000	1598	43,000	128	42,872	\$3.7000	within Sec 13	\$159,100	\$2,572	12/28/12	1599	43,000	\$3.4000	within Sec 13	\$146,200	
											12/28/12	1600	10,000	\$3.6300	within Sec 13	\$36,300	
											12/28/12	1603	10,000	\$3.6700	within Sec 13	\$36,700	
											12/28/12	1604	20,000	\$3.6700	within Sec 13	\$73,400	
12/28/12	12/29/12	100,000	1605	20,000	60	19,940	\$3.7000	within Sec 13	\$74,000	\$1,196	12/29/12	1607	25,000	\$3.4000	within Sec 13	\$85,000	
			1606	25,000	74	24,926	\$3.7000	within Sec 13	\$92,500	\$1,496	12/29/12	1609	55,000	\$3.4000	within Sec 13	\$187,000	
			1608	55,000	164	54,836	\$3.7000	within Sec 13	\$203,500	\$3,290	12/29-31/2012	1611	15,000	\$3.6600	within Sec 13	\$54,900	
12/29/12	12/30/12	92,000	1612	92,000	274	91,726	\$3.7000	within Sec 13	\$340,400	\$5,504	12/30/12	1613	92,000	\$3.4000	within Sec 13	\$312,800	
12/30/12	12/30/12	37,000	1614	37,000	110	36,890	\$3.7000	within Sec 13	\$136,900	\$2,213	12/30/12	1615	37,000	\$3.4000	within Sec 13	\$125,800	
12/30/12	12/31/12	84,000	1616	84,000	250	83,750	\$3.7000	within Sec 13	\$310,800	\$5,025	12/31/12	1617	84,000	\$3.4000	within Sec 13	\$285,600	
12/31/12	12/31/12	45,000	1618	26,000	77	25,923	\$3.7000	within Sec 13	\$96,200	\$1,555	12/31/12	1620	19,000	\$3.4000	within Sec 13	\$64,600	
			1619	19,000	57	18,943	\$3.7000	within Sec 13	\$70,300	\$1,137	12/31/12	1621	25,000	\$3.6600	within Sec 13	\$91,500	
											12/31/12	1622	15,000	\$3.6300	within Sec 13	\$54,450	

Total	2,345,000	2,336,707	6,963	2,329,744	8,919,342.44	139,784.64	2,325,542	851,036.62
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4,202 Carryover to Jan 2013

Southern System Minimum Flow Purchase/Sale

January 2013 Activity

Notification Minimum Flow				PURCHASE							SALE							Net \$
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	Inkind %326%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale	
12/31/12	1/1/13	116,000	1623	116,000	378	115,622	\$3.8000	within Sec 13	\$440,800	\$8,094	1/1/13	1624	116,000	\$3.5000	within Sec 13	\$406,000		
1/1/13	1/1/13	92,000	1625	92,000	300	91,700	\$3.9800	within Sec 14	\$366,160	\$6,419	1/1/13	1626	92,000	\$3.2300	within Sec 13	\$297,160		
1/1/13	1/2/13	262,000	1627	15,000	49	14,951	\$3.8500	within Sec 13	\$57,750	\$1,047	1/2/13	1629	40,000	\$3.5500	within Sec 13	\$142,000		
	1/2/13		1628	40,000	130	39,870	\$3.8500	within Sec 13	\$154,000	\$2,791	1/2/13	1631	207,000	\$3.2900	within Sec 13	\$681,030		
	1/3/13		1630	207,000	675	206,325	\$3.8800	within Sec 13	\$803,160	\$14,443	1/2/13	1632	10,000	\$3.4800	within Sec 13	\$34,800		
1/2/13	1/3/13	280,000	1634	44,993	147	44,846	\$3.8000	within Sec 13	\$170,973	\$3,139	1/3/13	1633	7,700	\$3.4700	within Sec 13	\$26,719		
	1/3/13		1636	235,000	766	234,234	\$3.8100	within Sec 13	\$895,350	\$16,396	1/3/13	1637	44,999	\$3.4500	within Sec 13	\$155,247		
1/3/13	1/3/13	18,000	1640	18,000	58	17,942	\$3.7000	within Sec 13	\$66,600	\$1,256	1/3/13	1638	79,980	\$3.4500	within Sec 13	\$173,455		
											1/3/13	1639	85,000	\$3.3700	within Sec 13	\$286,450		
1/3/13	1/4/13	290,000	1642	73,037	238	72,799	\$3.6500	within Sec 13	\$266,585	\$5,096	1/4/13	1641	15,000	\$3.4450	within Sec 13	\$51,675		
			1644	35,498	115	35,383	\$3.5500	within Sec 13	\$126,018	\$2,477	1/4/13	1646	75,000	\$3.2500	within Sec 13	\$243,750		
			1645	100,000	326	99,674	\$3.6700	within Sec 13	\$367,000	\$6,977	1/4/13	1648	79,000	\$3.1200	within Sec 13	\$246,480		
			1647	79,000	258	78,742	\$3.6700	within Sec 13	\$289,930	\$5,512	1/4/13	1649	32,500	\$3.4100	within Sec 13	\$110,825		
1/4/13	1/4/13	42,000	1651	42,000	137	41,863	\$3.7000	within Sec 13	\$155,400	\$2,930	1/4/13	1650	20,000	\$3.4100	within Sec 13	\$68,200		
1/4/13	1/5/13	165,000	1653	16,000	52	15,948	\$3.6500	within Sec 13	\$58,400	\$1,116	1/4/13	1652	42,000	\$3.1200	within Sec 13	\$131,040		
			1654	50,000	163	49,837	\$3.6800	within Sec 13	\$184,000	\$3,489	1/5/13	1655	49,999	\$3.3800	within Sec 13	\$168,997		
			1656	99,000	323	98,677	\$3.7000	within Sec 13	\$366,300	\$6,907	1/6/13	1659	70,000	\$3.1500	within Sec 13	\$220,500		
1/5/13	1/6/13	106,000	1657	106,000	346	105,654	\$3.7000	within Sec 13	\$392,200	\$7,396	1/7/13	1661	70,000	\$3.3000	within Sec 13	\$231,000		
1/6/13	1/6/13	70,000	1658	67,453	219	67,234	\$3.8000	within Sec 13	\$256,321	\$4,706	1/7/13	1663	126,000	\$3.1500	within Sec 13	\$396,900		
1/6/13	1/7/13	196,000	1660	70,000	228	69,772	\$3.7000	within Sec 13	\$259,000	\$4,884	1/7/13	1666	1,000	\$3.3000	within Sec 13	\$3,300		
			1662	126,000	411	125,589	\$3.8000	within Sec 13	\$478,800	\$8,791	1/8/13	1669	50,000	\$3.6400	within Sec 13	\$182,000		
1/7/13	1/7/13	17,000	1664	16,000	52	15,948	\$3.6500	within Sec 13	\$58,400	\$1,116	1/8/13	1670	50,000	\$3.6450	within Sec 13	\$182,250		
			1665	1,000	3	997	\$3.7000	within Sec 13	\$3,700	\$70	1/8/13	1673	20,000	\$3.4000	within Sec 13	\$68,000		
1/7/13	1/8/13	296,000	1671	35,351	115	35,236	\$3.8000	within Sec 13	\$134,334	\$2,467	1/8/13	1675	60,000	\$3.4000	within Sec 13	\$204,000		
			1672	20,000	65	19,935	\$3.8000	within Sec 13	\$76,000	\$1,395	1/8/13	1677	100,000	\$3.3000	within Sec 13	\$330,000		
			1674	60,000	196	59,804	\$3.8000	within Sec 13	\$228,000	\$4,186	1/9/13	1679	80,000	\$3.3000	within Sec 13	\$264,000		
			1676	100,000	326	99,674	\$3.8000	within Sec 13	\$380,000	\$6,977	1/9/13	1684	30,000	\$3.5400	within Sec 13	\$106,200		
			1678	80,000	261	79,739	\$3.8000	within Sec 13	\$304,000	\$5,582	1/9/13	1685	10,000	\$3.5400	within Sec 13	\$35,400		
1/8/13	1/8/13	15,000	1682	15,000	49	14,951	\$3.8000	within Sec 13	\$57,000	\$1,047	1/9/13	1689	10,000	\$3.5400	within Sec 13	\$35,400		
1/8/13	1/9/13	305,000	1691	36,000	117	35,883	\$3.7500	within Sec 13	\$135,000	\$2,512	1/9/13	1690	20,000	\$3.5400	within Sec 13	\$70,800		
			1692	81,000	264	80,736	\$3.7500	within Sec 13	\$303,750	\$5,652	1/9/13	1693	81,000	\$3.3500	within Sec 13	\$271,350		
			1694	39,999	130	39,869	\$3.7500	within Sec 13	\$149,996	\$2,791	1/9/13	1695	40,000	\$3.3500	within Sec 13	\$134,000		
1/9/13	1/10/13	150,000	1696	147,999	483	147,516	\$3.7500	within Sec 13	\$554,996	\$10,326	1/10/13	1697	148,000	\$3.2600	within Sec 13	\$482,480		
			1698	19,000	61	18,939	\$3.4376	within Sec 13	\$65,314	\$1,326	1/10/13	1705	35,212	\$3.4800	within Sec 13	\$122,538		
			1700	25,000	82	24,918	\$3.4500	within Sec 13	\$86,250	\$1,744	1/10/13	1706	25,000	\$3.5100	within Sec 13	\$87,750		
			1701	50,000	163	49,837	\$3.4500	within Sec 13	\$172,500	\$3,489	1/10/13	1707	25,000	\$3.5100	within Sec 13	\$87,750		
			1703	20,000	65	19,935	\$3.4500	within Sec 13	\$69,000	\$1,395	1/10/13	1708	5,000	\$3.5100	within Sec 13	\$17,550		
			1704	36,000	117	35,883	\$3.4400	within Sec 13	\$123,840	\$2,512	1/10/13	1709	25,000	\$3.5100	within Sec 13	\$87,750		
											1/10/13	1710	20,000	\$3.5100	within Sec 13	\$70,200		

Southern System Minimum Flow Purchase/Sale

January 2013 Activity

Notification Minimum Flow				PURCHASE										SALE							Net \$
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	Inkind %	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ \$Purchase minus \$Sale				
1/9/13	1/10/13	290,000	1711	26,000	85	25,915	\$3.7000	within Sec 13	\$96,200	\$1,814	1/10/13	1713	106,000	\$3.3000	within Sec 13	\$349,800					
			1712	106,000	346	105,654	\$3.7000	within Sec 13	\$392,200	\$7,396	1/10/13	1715	158,000	\$3.3100	within Sec 13	\$522,980					
			1714	158,000	515	157,485	\$3.7000	within Sec 13	\$584,600	\$11,024	1/11/13	1716	70,000	\$3.4950	within Sec 13	\$244,650					
											1/9-10/13	1717	7,600	\$3.4000	within Sec 13	\$25,840					
1/10/13	1/11/13	625,000	1718	250,000	815	249,185	\$3.6700	within Sec 13	\$917,500	\$17,443	1/11/13	1719	250,000	\$3.1700	within Sec 13	\$792,500					
			1720	126,000	411	125,589	\$3.6700	within Sec 13	\$462,420	\$8,791	1/11/13	1721	126,000	\$3.1700	within Sec 13	\$399,420					
			1722	99,884	326	99,558	\$3.6500	within Sec 13	\$364,577	\$6,969	1/11/13	1723	100,000	\$3.2000	within Sec 13	\$320,000					
			1724	38,000	123	37,877	\$3.8000	within Sec 14	\$144,400	\$2,651	1/11/13	1726	111,000	\$3.1700	within Sec 13	\$351,870					
			1725	111,000	362	110,638	\$3.6700	within Sec 13	\$407,370	\$7,745	1/12-14/13	1730	348,000	\$3.4300	within Sec 13	\$1,193,640					
1/11/13	1/12/13	400,000	1727	20,000	65	19,935	\$3.9000	within Sec 13	\$78,000	\$1,395	1/12-14/13	1732	339,000	\$3.4300	within Sec 13	\$1,162,770					
			1728	36,000	117	35,983	\$3.9300	within Sec 13	\$141,480	\$2,512	1/12-14/13	1735	90,000	\$3.4300	within Sec 13	\$308,700					
			1729	116,000	378	115,622	\$3.9300	within Sec 13	\$455,880	\$8,094	1/12/13	1737	36,000	\$3.4300	within Sec 13	\$123,480					
			1731	113,000	368	112,632	\$3.9300	within Sec 13	\$444,090	\$7,884	1/13/13	1739	41,000	\$3.4500	within Sec 13	\$141,450					
			1734	115,000	375	114,625	\$3.9300	within Sec 13	\$451,950	\$8,024	1/14/13	1745	66,000	\$3.4300	within Sec 13	\$226,380					
1/11/13	1/12/13	142,000	1733	106,000	346	105,654	\$3.9300	within Sec 13	\$416,580	\$7,396	1/13/13	1747	30,000	\$3.4300	within Sec 13	\$102,900					
			1736	36,000	118	35,882	\$3.9300	within Sec 13	\$141,480	\$2,512	1/15/13	1749	600,000	\$3.6600	within Sec 13	\$2,196,000					
1/11/13	1/13/13	400,000	1727	20,000	65	19,935	\$3.9000	within Sec 13	\$78,000	\$1,395	1/15/13	1753	200,000	\$3.4600	within Sec 13	\$692,000					
			1728	36,000	117	35,983	\$3.9300	within Sec 13	\$141,480	\$2,512	1/15/13	1755	150,000	\$3.4600	within Sec 13	\$519,000					
			1729	116,000	378	115,622	\$3.9300	within Sec 13	\$455,880	\$8,094	1/15/13	1760	96,000	\$3.6000	within Sec 13	\$345,600					
			1731	113,000	368	112,632	\$3.9300	within Sec 13	\$444,090	\$7,884	1/17/13	1768	600,000	\$3.6650	within Sec 13	\$2,199,000					
			1734	115,000	375	114,625	\$3.9300	within Sec 13	\$451,950	\$8,024	1/16/13	1776	116,000	\$3.6500	within Sec 13	\$423,400					
1/12/13	1/13/13	133,000	1738	40,909	134	40,775	\$3.9300	within Sec 13	\$160,772	\$2,854	1/16/13	1779	30,000	\$3.7100	within Sec 13	\$111,300					
			1740	64,000	209	63,791	\$3.9300	within Sec 13	\$251,520	\$4,465	1/16/13	1780	50,000	\$3.7100	within Sec 13	\$185,500					
			1741	28,000	91	27,909	\$3.9300	within Sec 13	\$110,040	\$1,954	1/16/13	1782	5,000	\$3.7000	within Sec 13	\$18,500					
1/13/13	1/13/13	30,000	1746	30,000	98	29,902	\$3.9300	within Sec 13	\$117,900	\$2,093	1/17/13	1783	50,000	\$3.6550	within Sec 13	\$182,750					
			1727	20,000	65	19,935	\$3.9000	within Sec 13	\$78,000	\$1,395	1/17/13	1789	126,000	\$3.6000	within Sec 13	\$453,600					
			1728	36,000	117	35,883	\$3.9300	within Sec 13	\$141,480	\$2,512	1/18/13	1793	500,000	\$3.6450	within Sec 13	\$1,822,500					
			1729	114,639	374	114,265	\$3.9300	within Sec 13	\$450,531	\$7,999	1/18/13	1803	126,000	\$3.6500	within Sec 13	\$459,900					
			1731	113,000	369	112,631	\$3.9300	within Sec 13	\$444,090	\$7,884	1/19-22/13	1805	320,000	\$3.7400	within Sec 13	\$1,196,800					
			1734	115,000	375	114,625	\$3.9300	within Sec 13	\$451,950	\$8,024	1/18/13	1806	100,000	\$3.7500	within Sec 13	\$375,000					
1/13/13	1/14/13	158,000	1742	64,000	209	63,791	\$3.9300	within Sec 13	\$251,520	\$4,465	1/19/13	1811	96,000	\$3.7600	within Sec 13	\$360,960					
			1743	28,000	91	27,909	\$3.9300	within Sec 13	\$110,040	\$1,954	1/19-22/13	1812	80,000	\$3.7600	within Sec 13	\$300,800					
			1744	66,000	215	65,785	\$3.9300	within Sec 13	\$259,380	\$4,605	1/19-22/13	1813	160,000	\$3.7600	within Sec 13	\$601,600					
1/14/13	1/14/13	77,000	1763	15,000	49	14,951	\$4.1500	within Sec 14	\$62,250	\$1,047	1/20/13	1817	96,000	\$3.7500	within Sec 13	\$360,000					
			1764	15,500	50	15,450	\$4.1500	within Sec 14	\$64,325	\$1,082	1/20-22/13	1819	210,000	\$3.7500	within Sec 13	\$787,500					
			1765	30,500	99	30,401	\$4.1800	within Sec 14	\$127,490	\$2,128	1/21/13	1823	50,000	\$3.7400	within Sec 13	\$187,000					
1/13/13	1/15/13	400,000	1748	17,183	56	17,127	\$3.8303	within Sec 13	\$65,816	\$1,199	1/23/13	1828	25,000	\$3.8000	within Sec 13	\$95,000					
			1750	24,878	81	24,797	\$3.8200	within Sec 13	\$95,034	\$1,736	1/23/13	1829	25,000	\$3.8000	within Sec 13	\$95,000					
			1751	7,460	24	7,436	\$3.8500	within Sec 13	\$28,721	\$521	1/23/13	1831	10,000	\$3.8000	within Sec 13	\$38,000					
			1752	187,040	611	186,429	\$3.9600	within Sec 13	\$740,678	\$13,050	1/23/13	1832	10,000	\$3.8050	within Sec 13	\$38,050					
			1754	147,286	480	146,806	\$3.9600	within Sec 13	\$583,253	\$10,276	1/23/13	1833	10,000	\$3.8000	within Sec 13	\$38,000					
1/14/13	1/15/13	330,000	1756	23,125	75	23,050	\$4.0000	within Sec 13	\$92,500	\$1,614	1/23/13	1834	85,100	\$3.8000	within Sec 13	\$323,380					
			1757	34,828	114	34,714	\$4.0500	within Sec 13	\$141,053	\$2,430	1/23/13	1835	100,000	\$3.8000	within Sec 13	\$380,000					

Southern System Minimum Flow Purchase/Sale

January 2013 Activity

Notification Minimum Flow				PURCHASE							SALE						
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	Inkind .326%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale
			1758	29,868	97	29,771	\$4.0500	within Sec 13	\$120,965	\$2,084	1/22/13	1836	30,000	\$3.8000	within Sec 13	\$114,000	
			1759	95,481	311	95,170	\$4.0500	within Sec 13	\$386,698	\$6,662	1/23/13	1837	100,000	\$3.8000	within Sec 13	\$380,000	
			1761	98,190	321	97,969	\$4.1000	within Sec 13	\$402,579	\$6,851	1/23/13	1839	20,000	\$3.8100	within Sec 13	\$76,200	
			1762	32,855	107	32,748	\$4.1500	within Sec 13	\$136,348	\$2,292	1/23/13	1840	20,000	\$3.8000	within Sec 13	\$76,000	
1/15/13	1/15/13	72,000	1767	44,603	145	44,458	\$4.0000	within Sec 13	\$178,412	\$3,112	1/23/13	1841	10,000	\$3.8100	within Sec 13	\$38,100	
1/15/13	1/15/13	100,000	1777	50,000	834	49,166	\$4.1500	within Sec 13	\$207,500	\$3,442	1/24/13	1846	300,000	\$3.7550	within Sec 13	\$1,126,500	
			1778	50,000	833	49,167	\$4.2500	within Sec 13	\$212,500	\$3,442	1/25/13	1852	250,000	\$3.8150	within Sec 13	\$953,750	
1/15/13	1/16/13	499,000	1769	40,000	130	39,870	\$4.0500	within Sec 14	\$162,000	\$2,791	1/26-28/13	1857	210,000	\$3.6900	within Sec 13	\$774,900	
			1770	36,000	117	35,983	\$4.0500	within Sec 14	\$145,800	\$2,512							
			1771	15,000	49	14,951	\$4.0000	within Sec 13	\$60,000	\$1,047							
			1772	74,914	244	74,670	\$4.1500	within Sec 14	\$310,893	\$5,227							
			1773	14,000	46	13,954	\$4.1500	within Sec 14	\$58,100	\$977							
			1774	198,341	648	197,693	\$4.1500	within Sec 14	\$823,115	\$13,839							
			1775	116,000	378	115,622	\$4.1500	within Sec 14	\$481,400	\$8,094							
1/15/13	1/16/13	50,000	1781	50,000	834	49,166	\$3.9500	within Sec 13	\$197,500	\$3,442							
1/16/13	1/16/13	59,000	1784	14,400	47	14,353	\$3.9500	within Sec 13	\$56,880	\$1,005							
1/16/13	1/17/13	464,000	1786	76,400	249	76,151	\$3.9000	within Sec 13	\$297,960	\$5,331							
			1787	61,600	201	61,399	\$3.9700	within Sec 13	\$244,552	\$4,298							
			1788	126,000	411	125,589	\$4.0000	within Sec 13	\$504,000	\$8,791							
			1790	60,000	196	59,804	\$4.0000	within Sec 13	\$240,000	\$4,186							
			1791	15,000	49	14,951	\$4.0000	within Sec 13	\$60,000	\$1,047							
			1792	124,847	407	124,440	\$4.0500	within Sec 14	\$505,630	\$8,711							
1/17/13	1/17/13	49,000	1796	15,000	48	14,952	\$3.9000	within Sec 13	\$58,500	\$1,047							
1/17/13	1/18/13	460,000	1798	80,000	261	79,739	\$3.8500	within Sec 13	\$308,000	\$5,582							
			1799	14,999	49	14,950	\$3.8600	within Sec 13	\$57,896	\$1,047							
			1800	80,000	261	79,739	\$3.9200	within Sec 13	\$313,600	\$5,582							
			1801	58,600	191	58,409	\$3.9100	within Sec 13	\$229,126	\$4,089							
			1802	126,000	411	125,589	\$3.9500	within Sec 13	\$497,700	\$8,791							
			1804	100,400	327	100,073	\$3.9500	within Sec 13	\$396,580	\$7,005							
1/18/13	1/19/13	321,000	1807	36,000	117	35,883	\$3.8700	within Sec 13	\$139,320	\$2,512							
			1808	90,000	293	89,707	\$3.9100	within Sec 13	\$351,900	\$6,279							
			1809	96,000	313	95,687	\$3.9400	within Sec 13	\$378,240	\$6,698							
			1810	99,000	323	98,677	\$3.9500	within Sec 13	\$391,050	\$6,907							
1/19/13	1/20/13	310,000	1814	89,473	292	89,181	\$3.8500	within Sec 13	\$344,471	\$6,243							
			1815	85,000	277	84,723	\$3.8700	within Sec 13	\$328,950	\$5,931							
			1816	96,000	313	95,687	\$3.8700	within Sec 13	\$371,520	\$6,698							
			1818	39,000	127	38,873	\$3.8800	within Sec 13	\$151,320	\$2,721							
1/20/13	1/21/13	288,000	1820	90,000	293	89,707	\$3.8000	within Sec 13	\$342,000	\$6,279							
			1821	46,000	150	45,850	\$3.8200	within Sec 13	\$175,720	\$3,210							
			1822	50,000	163	49,837	\$3.8200	within Sec 13	\$191,000	\$3,489							
			1824	102,000	333	101,667	\$3.8300	within Sec 13	\$390,660	\$7,117							
1/21/13	1/22/13	310,000	1825	46,000	150	45,850	\$3.8200	within Sec 13	\$175,720	\$3,210							
			1826	200,000	652	199,348	\$3.8300	within Sec 13	\$766,000	\$13,954							

Southern System Minimum Flow Purchase/Sale

January 2013 Activity

Notification Minimum Flow				PURCHASE							SALE				Net \$		
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	Inkind %	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	\$Purchase minus \$Sale
			1827	64,000	209	63,791	\$3.8500	within Sec 13	\$246,400	\$4.465							
1/22/13	1/23/13	282,000	1842	34,000	111	33,889	\$3.8000	within Sec 13	\$129,200	\$2.372							
			1843	15,000	48	14,952	\$3.8000	within Sec 13	\$57,000	\$1.047							
			1844	100,000	326	99,674	\$3.8300	within Sec 13	\$383,000	\$6.977							
			1845	133,000	434	132,566	\$3.8300	within Sec 13	\$509,390	\$9.280							
1/23/13	1/24/13	236,000	1847	105,000	342	104,658	\$3.7600	within Sec 13	\$394,800	\$7.326							
			1848	25,000	82	24,918	\$3.8000	within Sec 13	\$95,000	\$1.744							
			1849	15,000	49	14,951	\$3.8000	within Sec 13	\$57,000	\$1.047							
			1850	20,000	65	19,935	\$3.8100	within Sec 13	\$76,200	\$1.395							
			1851	71,000	231	70,769	\$3.8300	within Sec 13	\$271,930	\$4.954							
1/24/13	1/25/13	174,000	1854	14,999	48	14,951	\$3.7600	within Sec 13	\$56,396	\$1.047							
			1855	110,000	359	109,641	\$3.8100	within Sec 13	\$419,100	\$7.675							
			1856	49,000	160	48,840	\$3.8100	within Sec 13	\$186,690	\$3.419							
1/27/13	1/28/13	93,000	1859	25,000	81	24,919	\$3.8000	within Sec 13	\$95,000	\$1.744							
			1860	68,000	222	67,778	\$3.8000	within Sec 13	\$258,400	\$4.744							

Total 9,572,000

9,405,532 32.672 9,372,860

Estimated Olay Transport Fees \$36,342,912 \$656,100 \$55,080

9,377,062

\$33,119,642 \$3,934,450

(4,202) Current month need to sell
 4,202 Carryover from December
 - Total needed to sell

Southern System Minimum Flow Purchase/Sale

March 2013 Activity

Notification Minimum Flow				PURCHASE										SALE				Net \$ Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	in kind .326%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Net \$ Purchase minus \$Sale	
3/12/13	3/13/13	40,000	1872	10,000	32	9,968	\$3.8500	within Sec 13	\$38,500	\$748	3/13/13	1874	39,859	\$3.8550	within Sec 13	\$153,656		
			1873	30,000	98	29,902	\$3.9000	within Sec 13	\$117,000	\$2,243								
3/15/13	3/16/13	30,000	1875	30,000	98	29,902	\$4.0700	within Sec 13	\$122,100	\$2,243	3/19/13	1878	74,767	\$4.1450	within Sec 13	\$309,909		
											3/18/13	1879	7,500	\$4.1600	within Sec 13	\$31,200		
3/17/13	3/18/13	75,000	1876	40,000	130	39,870	\$4.0700	within Sec 13	\$162,800	\$2,990	3/18/13	1880	7,402	\$4.1600	within Sec 13	\$30,792		
				35,000	114	34,886	\$4.0000	within Sec 13	\$140,000	\$2,616	3/18/13	1881	15,000	\$4.1500	within Sec 13	\$62,250		
3/19/13	3/20/13	50,000	1882	25,000	82	24,918	\$4.2400	within Sec 13	\$106,000	\$1,869	3/21/13	1884	49,836	\$4.1900	within Sec 13	\$208,813		
			1883	25,000	81	24,919	\$4.2500	within Sec 13	\$106,250	\$1,869								
3/21/13	3/21/13	30,000	1885	9,999	33	9,966	\$4.2500	within Sec 13	\$42,496	\$747	3/22/13	1887	10,000	\$4.1500	within Sec 13	\$41,500		
			1886	20,000	65	19,935	\$4.3500	within Sec 13	\$87,000	\$1,495	3/22/13	1888	10,000	\$4.1500	within Sec 13	\$41,500		
											3/22/13	1889	9,000	\$4.1500	within Sec 13	\$37,350		
											3/22/13	1891	902	\$4.1500	within Sec 13	\$3,743		
3/26/13	3/27/13	83,000	1897	20,000	65	19,935	\$4.2500	within Sec 13	\$85,000	\$1,495	3/27/13	1900	80,000	\$4.2500	within Sec 13	\$340,000		
			1898	15,000	49	14,951	\$4.3000	within Sec 13	\$64,500	\$1,121	3/27/13	1901	2,729	\$4.2600	within Sec 13	\$11,626		
			1899	48,000	157	47,843	\$4.3200	within Sec 14	\$207,360	\$3,588								

Total 308,000 307,999 1,004 306,995 \$1,279,006 \$23,025 306,995 \$1,272,339.66 \$29,691



ATTACHMENT 4

TO

**APRIL 25, 2013
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

SOUTHERN ZONE BTS DISCOUNTS

HUB So. Syst. IT Deliveries Dth	HUB BTS IT \$	So. Syst. IT Deliveries (Excl. Hub) Dth	Total BTS IT Revenue \$	Firm Rate \$/Dth	Wtd Avg.IT Rate \$/Dth	Discount Applied \$/Dth	Discount (FT - IT Rate)* IT_Vol \$
Apr-12	\$ -	630,466	\$ 69,616	0.11042	0.11042	0.00000	\$ -
May-12	\$ -	2,476,902	\$ 273,500	0.11042	0.11042	0.00000	\$ -
Jun-12	\$ 3,590	4,390,962	\$ 395,187	0.11042	0.09000	0.02042	\$ 90,478
Jul-12	\$ 1,941,758	7,393,056	\$ 369,653	0.11042	0.05000	0.06042	\$ 564,009
Aug-12	\$ 1,622,423	13,797,062	\$ 413,912	0.11042	0.03000	0.08042	\$ 1,240,035
Sep-12	\$ -	15,556,826	\$ 1,382,311	0.11042	0.08886	0.02156	\$ 335,474
Oct-12	\$ 630,120	11,995,491	\$ 1,035,574	0.11042	0.08687	0.02355	\$ 297,329
Nov-12	\$ 836,334	8,231,754	\$ 373,327	0.11042	0.04722	0.06320	\$ 573,123
Dec-12	\$ 2,236,325	12,179,503	\$ 730,770	0.11042	0.06000	0.05042	\$ 726,846
Jan-13	\$ 9,632,012	10,472,186	\$ 1,407,294	0.13763	0.07000	0.06763	\$ 1,359,647
Feb-13	\$ -	20,622,888	\$ 206,229	0.13763	0.01000	0.12763	\$ 2,632,099
Mar-13	\$ 503,662	12,211,942	\$ 915,896	0.13763	0.07500	0.06263	\$ 796,378
Total	\$ 17,442,518	\$ 119,959,038	\$ 6,899,026				\$ 8,615,419



ATTACHMENT 5

TO

**APRIL 25, 2013
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

**PROPOSED REDLINE MODIFICATIONS
TO RATE SCHEDULE G-BTS**

Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 1

APPLICABILITY

Applicable to firm and interruptible Backbone Transportation Service to Utility's transmission system. Service under this Schedule is available to any creditworthy party. All eligible participants are collectively referred to herein as "customers" unless otherwise specified.

Backbone Transportation Service rights to Utility's transmission system neither guarantee nor imply firm service on Utility's local transmission/distribution system; such service is defined by the end-use customers' applicable Utility transportation service agreement.

TERRITORY

Applicable throughout the service territory.

RECEIPT POINTS

Receipt Points available for service under this schedule are as follows:

<u>Transmission Zone</u>	<u>Total Transmission Zone Firm Access (MMcfd)</u>	<u>Specific Points of Access (MMcfd)*</u>
Southern	1210	EPN Ehrenberg - 1210 TGN Otay Mesa - 400
Northern	1590	NBP Blythe - 600 TW North Needles - 800 TW Topock - 300 EPN Topock - 540 QST North Needles - 120
Wheeler	765	KR/MP Kramer Junction - 550 KR/MP Wheeler Ridge - 765 PG&E Kern River Station - 520 OEHI Gosford - 150
Line 85	160	California Supply
Coastal	150	California Supply
Other	<u>N/A</u>	California Supply
Total	3875	

* Any interstate pipeline, LNG Supplier or PG&E that interconnect through a new receipt point may be added to that Transmission Zone.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4354
 DECISION NO.

ISSUED BY
Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Mar 30, 2012
 EFFECTIVE May 1, 2012
 RESOLUTION NO. _____

Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 2

(Continued)

RECEIPT POINTS (Continued)

EPN – El Paso Natural Gas Pipeline
TGN – Transportadora de Gas Natural de Baja California
NBP – North Baja Pipeline
TW – Transwestern Pipeline
MP – Mojave Pipeline
QST – Questar Southern Trails Pipeline
KR – Kern River Pipeline
PG&E – Pacific Gas and Electric
OEHI – Occidental of Elk Hills

Transmission Zone Contract Limitations:

Southern Zone – In total EPN Ehrenberg and NBP Blythe cannot exceed 1210 MMcfd.
Southern Zone – In total EPN Ehrenberg, NBP Blythe and TGN Otay Mesa cannot exceed 1210 MMcfd.
Northern Zone – In total TW at Topock and EPN at Topock cannot exceed 540 MMcfd.
Northern Zone – In total TW at North Needles and QST at North Needles cannot exceed 800 MMcfd.
Northern Zone – In total TW North Needles, TW Topock, EPN Topock, QST North Needles, and KR/MP Kramer Junction cannot exceed 1590 MMcfd.
Wheeler Ridge Zone – In total PG&E at Kern River Station and OEHI at Gosford cannot exceed 520 MMcfd.
Wheeler Ridge Zone – In total PG&E Kern River Station, OEHI Gosford, and KR/MP Wheeler Ridge cannot exceed 765 MMcfd.

DELIVERY POINTS

Delivery Points available for service under this schedule are:

1. End-User's Local Transportation Agreement
2. Citygate Pool Account
3. Storage Account
4. Contracted Marketer or Core Aggregator Transportation Account

(Continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. 4258
DECISION NO. 11-03-029

ISSUED BY
Lee Schavrien
Senior Vice President

(TO BE INSERTED BY CAL. PUC)
DATE FILED Jul 15, 2011
EFFECTIVE Oct 1, 2012
RESOLUTION NO. _____

Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 3

(Continued)

RATES

BACKBONE TRANSPORTATION RIGHTS

This Schedule provides for both firm and interruptible backbone transportation service rights. This Schedule is applicable at all Receipt Points available under the following rates:

<u>Rate</u>	<u>Description of Service</u>	<u>Term</u>	<u>Rate Structure</u>	<u>Reservation Rate (per Dth per day)</u>	<u>Volumetric Rate (per Dth)</u>	
G-BTS1	Firm	Three Years*	100% Reservation	\$0.13763	\$0.0	I
G-BTS2	Firm	Three Years	Modified Fixed Variable	\$0.11011	\$0.03112	I,I
G-BTS3	Firm	Three to Twenty Years**	100% Reservation	Cost Based	\$0.0	
G-BTSN1	Short Term Firm	Up to Three Years	100% Reservation	Market Based up to \$0.13763	\$0.0	I
G-BTSN2	Short Term Firm	Up to Three Years	Modified Fixed Variable	Market Based up to \$0.11011	\$0.03112	I I
G-BTS4	Interruptible	Up to Three Years	100% Volumetric	\$0.0	Market Based up to \$0.13763	I

* Terms are available for up to twenty years during Step 3 of the open season.

** Customers taking service under G-BTS3 and Rule No. 39 will also pay the G-BTS1 rate.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4442
 DECISION NO.

ISSUED BY
Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Dec 28, 2012
 EFFECTIVE Jan 1, 2013
 RESOLUTION NO. _____

Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 4

(Continued)

RATES (Continued)

BILLING CALCULATION

Monthly Reservation Charge:

The Monthly Reservation Charge is payable each month regardless of the quantity of gas scheduled during the billing period. The Reservation Charge for each billing period shall be calculated using the applicable reservation rate and the DCQ as specified in Customer's Backbone Transportation Service Contract (BTSC).

Monthly Reservation Charge = Applicable Reservation Rate * DCQ * number of days in the billing period (or, if less than one month, number of days in term of contract).

Monthly Volumetric Charge:

The Monthly Volumetric Charge for each billing period shall be calculated using the applicable volumetric rate multiplied by the scheduled quantities on the Customer's BTSC.

Monthly Volumetric Charge = Applicable Volumetric Rate * Quantities of Gas Scheduled during the billing period.

In-Kind Energy Charges:

Customers transporting gas over the backbone transmission system shall deliver each day for each billing period at the receipt point an additional in-kind quantity of natural gas equal to a percent of the total quantity delivered at the receipt point. The quantity received by the Utility at the receipt point shall equal the quantity delivered by the Utility to the delivery point divided by (1 - x) where x is the decimal equivalent of the backbone transmission system in-kind fuel factor percentage.

Rate, percent reduction 0.265%

Any applicable volumetric charges shall be charged on scheduled volumes net of shrinkage.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4466
 DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Feb 22, 2013
 EFFECTIVE Apr 1, 2013
 RESOLUTION NO. _____

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 5

(Continued)

SPECIAL CONDITIONS

GENERAL

1. The definitions of the principal terms used in this schedule are found either herein or in Rule No. 1, Definitions.
2. Any disputed bill will be treated in accordance with Rule No. 11, Disputed Bills.
3. As a condition precedent to service under this schedule, an executed Receipt Point Master Agreement (RPMA) and a Backbone Transportation Service Contract (BTSC) (Form Nos. 6597-18 and 6597-17) are required. All contracts, rates and conditions are subject to revision and modification as a result of CPUC order or rules.
4. Customer must meet the Utility's applicable credit requirements.
5. The Utility will display on its Electronic Bulletin Board (EBB) total available backbone transportation service capacity at each point along with the firm and interruptible scheduled volumes at the respective points during each nomination cycle.
6. The Utility will file quarterly reports to the Commission stating the Backbone Transportation Service rights held by Customers. Such reports will provide the name of the entity holding firm Backbone Transportation Service rights, the quantity held, usage of the rights, and the terms of those rights. Such information, excluding usage, will also be posted on the Utility's EBB and will be updated daily.
7. The Utility will post on its EBB, by Receipt Point, all contracted Backbone Transportation Service capacity and the available unsubscribed Backbone Transportation Service capacity for sale. This information will be updated on a daily basis.
8. This rate schedule is the successor to rate Schedule No. G-RPA. Effective October 1, 2011, all references to rate Schedule No. G-RPA shall be deemed references to rate Schedule No. G-BTS.
9. Once any notice is posted on the EBB that identifies a reduced receipt point or transmission zone capacity, the Utility will limit the sale and exchange of firm Backbone Transportation Service capacity to the reduced capacity quantity for that receipt point and transmission zone for the duration of the posted event.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4240
 DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED May 6, 2011
 EFFECTIVE Oct 1, 2011
 RESOLUTION NO. _____

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 6

(Continued)

SPECIAL CONDITIONS (Continued)

GENERAL (Continued)

- 10. The Utility will not sell incremental firm receipt point capacity following the announcement of an OFO for the flow day on which the OFO is called. Once an OFO has been called, the Utility will be limited to sales of incremental interruptible Backbone Transportation Service capacity for the flow day on which the OFO is called.
- 11. Customers may aggregate their firm Backbone Transportation Service capacity into one contract number for each receipt point for the purposes of nominations and scheduling. Only firm Backbone Transportation Service contracts under identical rate schedules may be aggregated. Aggregation of contracts must be done using the EBB.

NOMINATIONS AND BALANCING

- 1. Service under this rate schedule shall be subject to all applicable terms, conditions and obligations of Rule No. 23, Continuity of Service and Interruption of Delivery, Rule No. 30, Transportation of Customer-Owned Gas, and Rate Schedule No. G-IMB, Transportation Imbalance Service.
- 2. The Utility will schedule interruptible nominations up to all available Backbone Transportation Service capacity at each of its Receipt Points subject to Rule No. 30, Transportation of Customer-Owned Gas.
- 3. Customers holding firm Backbone Transportation Service capacity will be able to nominate natural gas for delivery on an alternate "within-the-zone" firm basis from any specific Receipt Point within an applicable transmission zone. Unless otherwise provided for in a discounted agreement, Customers will also be able to nominate natural gas for delivery on an alternate "outside-the-zone" firm basis from any receipt point on the system. All such nominations will be scheduled in accordance with Rule No. 30, Transportation of Customer-Owned Gas.
- 4. A customer may opt to designate one and only one nominating agent in addition to itself at any one time to nominate on all BTSCs under a customer's RPMA. Customer must provide appropriate written authorization to the Utility of its intent to add or change a designated nominating agent via the Nomination and Trading Authorization Form (Form No. 9924). Such designation shall be subject to that nominating agent complying with applicable tariff and contractual provisions. Customer shall provide appropriate written notice to the Utility of its intent to terminate a nominating agent via the Termination of Nominating or Trading Agent Form (Form No. 9926).

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4240
 DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED May 6, 2011
 EFFECTIVE Apr 1, 2012
 RESOLUTION NO. _____

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 7

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(Continued)

SPECIAL CONDITIONS (Continued)

SECONDARY MARKET ASSIGNMENTS

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1. Customers who hold Backbone Transportation Service rights may release all or a portion of those rights to any creditworthy party in the secondary market through SoCalGas' EBB (see Special Condition 4 under this section for exception) at a rate up to 125% of the G-BTS1 rate. Any creditworthy party may purchase firm Backbone Transportation Service rights in the secondary market. Any party releasing firm rights will be referred to as "Releasing Shipper" and the party purchasing firm rights through the secondary market will be referred to as "Acquiring Shipper." Rights may be re-released any number of times under the same rules applicable to releases by customers who originally obtained the rights directly from the Utility. Releases may consist of all or part of the Backbone Transportation Service rights of a customer's DCQ and all or part of the remaining contract term with a minimum term of one day. The Utility will bill the Acquiring Shipper and credit the Releasing Shipper subject to the provisions in Special Condition 4 under this section. If the Acquiring Shipper's Reservation Rate is less than the Releasing Shippers Reservation Rate, the Releasing Shipper will continue to be responsible for payment of the difference. In the event that the Utility realizes revenues from an Acquiring Shipper that exceed the amount due from a Releasing Shipper for any month, the Utility shall credit any excess amount to the account of the Releasing Shipper, or return excess revenues directly to the Releasing Shipper, as may be requested.
2. A customer may opt to designate one and only one trading agent in addition to itself at any one time to buy or sell firm Backbone Transportation Service capacity rights in the secondary market. The trading agent shall be specified on the Nomination and Trading Authorization Form (Form No. 9924) and shall apply to all BTSCs under that customer's RPMA. Such designation shall be subject to that trading agent complying with applicable tariff and contractual provisions. Customer shall provide appropriate written notice to the Utility of its intent to terminate a trading agent via the Form to Terminate a Nominating or Trading Agent (Form No. 9926).
3. Contract releases of firm rights must be done electronically using the Utility's EBB.

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(TO BE INSERTED BY UTILITY)
ADVISE LETTER NO. 4240
DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
Senior Vice President
Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
DATE FILED May 6, 2011
EFFECTIVE Oct 1, 2011
RESOLUTION NO. _____

Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 8

(Continued)

SPECIAL CONDITIONS (Continued)

SECONDARY MARKET ASSIGNMENTS (Continued)

4. The Acquiring Shipper must satisfy the Utility's applicable credit requirements. If the Utility's creditworthiness requirements are satisfied, the Utility shall notify the Releasing Shipper that it is conditionally* relieved of all liability for performance by the Acquiring Shipper for the term of the release. Alternatively, the Releasing Shipper may, at its option, waive the creditworthiness requirements applicable to the Acquiring Shipper, in which case the Releasing Shipper shall remain secondarily liable for non-performance by the Acquiring Shipper. If a Releasing Shipper exercises this option, it must continue to meet the Utility's applicable credit requirements for the duration of the contract.
5. The Utility will post on its EBB a summary of the completed secondary market transactions, listing releasing party, acquiring party, amount of capacity, receipt point, awarded reservation rate, and term of the release. The summary information regarding secondary market transactions will be posted the next business day.
6. Market participants can voluntarily post secondary Backbone Transportation Service rights capacity transaction offers on the Utility's EBB.

* The Releasing Shipper shall continue to be liable and responsible for all reservation charges associated with the released firm rights up to the maximum reservation rate specified in the Releasing Shipper's firm rights contract except those releases at the tariff rate or higher for the remaining duration of the Releasing Shipper's contract. If Acquiring Shipper does not make payment to the Utility of all applicable charges, the Utility shall notify the Releasing Shipper of the amount due, including all applicable late charges, and such amount shall be paid by the Releasing Shipper. Re-releases by an Acquiring Shipper shall not relieve the original or any subsequent Releasing Shipper of its obligations. In addition, Releasing Shipper may terminate the release of firm rights to an Acquiring Shipper if such Shipper fails to pay the entire amount of any bill for service under the release when such amount is due. Once terminated, firm rights and all applicable charges shall revert to the Releasing Shipper.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4240
 DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED May 6, 2011
 EFFECTIVE Oct 1, 2011
 RESOLUTION NO. _____

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 9

(Continued)

SPECIAL CONDITIONS (Continued)

SET-ASIDES: Pre-Open Season - Step 1

1. The Utility Gas Procurement Department, Wholesale Customers other than SDG&E and Core Transportation Aggregators (CTAs) set-asides will be based on qualifying interstate contracts with a minimum term of 12 months that are in effect two months prior to the open season beginning date. In no event shall the total set-aside provided to the Utility Gas Procurement Department or any other core customer exceed its average daily usage during the Base Period, as defined in Special Condition 6 under OPEN SEASON: Preferential Bidding – Step 2. Customers must provide verification of qualifying contracts one week prior to the commencement of the set-aside Step 1 Pre-Open Season.
2. The Utility Gas Procurement Department, Wholesale Customers other than SDG&E, Core Transportation Aggregators (CTAs), California producers and certain long-term contract (LTK) holders shall have the option to acquire Backbone Transportation Service rights prior to the initial open season.
3. All Step 1 set-asides can be taken in any amount from zero up to the maximum qualifying amount.
4. California Producers including Exxon Mobil’s production at Santa Ynez whose facilities are connected directly to the (i) Utility’s Line 85, (ii) North Coastal system or (iii) another system without a single identified receipt point or transmission zone will receive a set-aside option for a quantity equal to the producer’s peak month’s daily average production over the most recent three-year period. Peak month is defined as the month with the highest average daily volume. The set-aside quantity shall be increased if the specific production is likely to increase and such forecasted increase can be justified by the producer. California Producers may elect all or a portion of the set-aside quantity. This set-aside applies to any SoCalGas “native gas” production. Occidental of Elk Hills, Inc. will be provided a similar set-aside option for 90 MMcfd at the OEHI Gosford receipt point.
5. An end-use customer under a Commission-approved long-term firm transportation contract in effect on December 14, 2006 which specifies firm deliveries at a particular Utility receipt point shall have a set-aside option, equal to the higher of the customer’s Tier 1 contract quantities or the most recent average daily usage, for access capacity at those specified receipt points. Customers with these long-term contracts will have the ability to increase the set-aside quantity based on a justified increase in consumption under the long-term transportation agreement based on Special Condition 6 under OPEN SEASON: Preferential Bidding – Step 2.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4240
 DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED May 6, 2011
 EFFECTIVE Jun 5, 2011
 RESOLUTION NO. _____

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 10

(Continued)

SPECIAL CONDITIONS (Continued)

SET-ASIDES: Pre-Open Season - Step 1 (Continued)

6. PG&E customers (City of Glendale, City of Pasadena, Ulster Petroleum LTD, Talisman (Rigel), and U.S. Gypsum) with effective Commission-approved contracts for delivery at PG&E Kern River Station under PG&E G-XF Rate Schedule in effect at the time of implementation, shall have a set-aside option for access rights at PG&E Kern River Station.
7. Parties who have provided incremental cost based funding under Rule No. 39, Access to the SoCalGas Pipeline System, for increased receipt point capacity on a Displacement Receipt Point Capacity and Expansion Receipt Point Capacity, or a combination of the two, basis shall receive a set-aside option prior to the first open season following completion of the facilities and each open season thereafter. Such set-aside option shall equal the quantity of the increase in receipt point capacity funded. The set-aside quantity at Otay Mesa shall be limited to 700 MMcfd of Displacement Receipt Point Capacity.
8. CTAs set-aside is equal to the average daily capacity of the qualifying upstream pipeline contracts to serve their core loads. These set-asides options are established based on qualifying interstate contracts with a minimum term of 12 months that are in effect two months before any three-year open season. CTAs are not required to select the set-aside option.
9. For wholesale customers other than SDG&E, the set-aside up to their average daily core usage as defined Special Condition 6 under OPEN SEASON: Preferential Bidding – Step 2 is equal to the (1) average daily capacity of the qualifying upstream pipeline contracts (those with a minimum term of 12 months during the applicable three-year period) and/or (2) a supplier’s upstream pipeline contracts associated with the average daily contract quantity set forth in the wholesale customer’s long-term firm gas supply agreement with that supplier to serve its core load. If the set-aside is based on the second option, customer must identify to SoCalGas the firm upstream capacity rights held by its supplier that are in place at least two months prior to the Step 1 assignment process for a minimum term of 12 months or longer during the applicable FAR period. These set-asides options are established based on actual commitments in place two months before any three-year open season. SDG&E is not required to select the set-aside option.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4240
 DECISION NO. 11-04-032

ISSUED BY
Lee Schavrien
 Senior Vice President
 Regulatory Affairs

(TO BE INSERTED BY CAL. PUC)
 DATE FILED May 6, 2011
 EFFECTIVE Jun 5, 2011
 RESOLUTION NO. _____

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 11

(Continued)

SPECIAL CONDITIONS (Continued)

SET-ASIDES: Pre-Open Season - Step 1 (Continued)

- 10. The Utility shall provide a minimum notice of two months prior to the start of Step 2 – Preferential Bidding to inform customers about the amount of capacity that remains available after set-asides are selected.
- 11. If the total amount of set-asides exceed the available capacity at a particular receipt point or the available capacity of the applicable Transmission Zone, set-asides for core customers, including the core loads of wholesale customers provided set-asides options, will be provided first and all other set-asides are subject to being pro-rated to the extent the total amount of set-asides selected exceed the available capacity of the applicable Transmission Zone or a particular receipt point.

OPEN SEASON: Preferential Bidding – Step 2

- 1. An open season – Step 2 will be conducted through the Utility’s on-line bid system prior to service commencing under this schedule, and every three years thereafter, whereby all existing firm Backbone Transportation Service capacity available after Step 1 shall be made available through an open season process consisting of three rounds of bidding.
- 2. Only end-use customers, including noncore customers, the eligible end-use customers of wholesale customers, the Utility Gas Procurement Department, suppliers who have been assigned end-use customer bidding rights and CTAs are entitled to participate in Step 2.
- 3. SDG&E’s noncore transportation customers are eligible to participate directly in the Utility’s open season steps. SDG&E will provide the Utility with a list of its applicable noncore customers that will be participating, along with those customers’ historical annual average usage needed to establish maximum bidding rights.
- 4. Other wholesale customers may elect to have the Utility allow all of their noncore customers to participate directly in the Utility’s open season steps. Under this scenario, the wholesale customer’s noncore customers will be treated like the rest of the Utility’s noncore customers. Each other wholesale customer electing this provision will be required to provide the Utility with a listing of its applicable noncore customers that will be participating, along with those customers’ historical annual average usage needed to establish the maximum bidding rights.

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Lee Schavrien
 Senior Vice President
 Regulatory Affairs

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 12

(Continued)

SPECIAL CONDITIONS (Continued)

OPEN SEASON: Preferential Bidding – Step 2 (Continued)

5. Other wholesale customers not electing to have their noncore customers participate directly in the Utility’s open season will be provided maximum bidding rights for their noncore loads. The wholesale customer can then participate in the open season process, along with the Utility’s other noncore customers, on behalf of its noncore customers’ requirements.
6. A customer’s maximum bidding rights will include a base load maximum plus for certain customers a monthly peaking maximum over a Base Period. Base Period will be defined as the 36 consecutive months of consumption data ending four months prior to the start of the process to assign/award Receipt Point rights. These rights will be calculated as follows:
 - 1) Customer’s base load maximum bidding rights will be determined based on that customer’s average daily historical consumption during the Base Period less any set-aside elected by that customer under an end-use transportation agreement. In the case of a customer that has tolling agreements with a third party for its plants operations, the third party will be afforded maximum bidding rights based on the historical usage under the tolling agreements and subsequently the plant operator’s maximum bidding rights will be reduced accordingly. Each wholesale customer will have to attest to the portion of its Utility metered consumption used for core customers to the extent it is only participating on behalf of its core customers.
 - 2) All core customers including the Utility Gas Procurement Department, core loads of wholesale customers other than SDG&E and CTAs will be provided base load maximum bidding rights. These maximum bidding rights will equal the respective customer’s average daily usage during the Base Period less any set-aside elected. For CTAs, the average daily usage will be their currently “contracted for” load. A seasonal differentiation of the bidding rights shall be given to match their bidding rights with their required seasonal interstate capacity requirements. The actual bidding capability of the Utility Gas Procurement Department will be no different nor provided any preference to those provided to noncore customers.
 - 3) For other customers, the months the customer uses more than its average base load, the customer’s monthly maximum bidding rights will be set equal to its historical usage in those particular months during the Base Period less any set-aside elected.
 - 4) To the extent a customer’s historical load is not expected to represent its future consumption, documented to the Utility’s satisfaction, due to additional equipment being added, new facilities being built, or a new customer taking transportation service for an existing facility, maximum bidding rights will be adjusted to account for these exceptions. Following are the general guidelines to permit such an exception:

(Continued)

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 13

(Continued)

SPECIAL CONDITIONS (Continued)

OPEN SEASON: Preferential Bidding – Step 2 (Continued)

6. 4) Continued

- a) New customer’s bidding rights may be established by providing copies of documentation submitted to public entities (state or local) describing expected equipment use for regulatory or permitting requirements.
- b) For an existing customer’s plant adding new equipment capacity, new equipment must have been ordered and an increase in bidding rights will be based on a projection of use: (Existing plant + new equipment capacity)/(existing plant capacity times the historical 12-month load profile).
- c) A new customer may establish bidding rights by agreeing to minimum use-or-pay obligations in a new Utility transportation contract to replace or substitute for historical load.

7. Tolling Entities will be allocated bidding rights based on the historical usage under tolling agreements in effect during the Base Period, even if the Tolling Agreement expired before the BTS period commences or will expire during the BTS period. Bidding rights for tolled customers will be reduced by an equivalent amount.

8. Customers may submit an annual base load receipt point access bid up to the average daily quantity established as their maximum bidding rights. Additionally, customers may bid monthly bids up to the monthly quantity recorded for that customer in a particular month as established in their maximum bidding rights. The sum of the monthly bid plus any base load bid covering a particular month may not exceed the maximum bidding rights established for the particular month.

9. A customer may not bid in aggregate more than its annual total of maximum bidding rights. Any capacity awarded in Round 1 of the Step 2 Open Season will reduce the amount of bidding rights, both for base loaded bids and monthly bids for Rounds 2 and 3. Customers may submit bids in the Step 2 rounds for an amount of receipt point access rights up to 100% of their bidding rights, and may bid to acquire such rights at any Receipt Points or combination of Receipt Points. The sum of all of a customer’s awards for Rounds 1, 2, and 3 may not exceed its maximum bidding rights.

10. Bids will be submitted for Step 2 on a Receipt Point, Rate Schedule and Quantity basis only. Bidders for Backbone Transportation Service rights in Step 2 shall choose service under either the G-BTS1 or G-BTS2 rate.

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 14

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(Continued)

SPECIAL CONDITIONS (Continued)

OPEN SEASON: Preferential Bidding – Step 2 (Continued)

- 11. End-use customers entitled to participate in Rounds 1, 2 and 3 may (1) bid on their own behalf, or (2) allow a third party (such as a marketer) to bid on their behalf. T,L
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- 12. The applicable rate for firm Backbone Transportation Service rights awarded in Step 2 will be the G-BTS1 or BTS2. T,L
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- 13. All bids must be submitted through the Utility’s internet-based bid system platform. Prior to submitting a bid, a bidder must have an executed RPMA in place and must also have satisfied the Utility’s applicable credit requirements. T,L
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- 14. An end-use customer who is already in good standing for credit with the Utility prior to Step 2 will be deemed creditworthy up to their specified maximum bidding rights. T,L
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- 15. All bids, once submitted, cannot be withdrawn. The Utility will provide a confirmation to the bidding party that the submitted bid was received. T,L
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- 16. Bids for monthly capacity will be given a lower priority relative to bids for base load capacity in awarding receipt point access rights for over-subscribed Receipt Points. T,L
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- 17. If more quantity is bid for at a particular Receipt Point or Transmission Zone than the available capacity at the Receipt Point or Transmission Zone, all such bidders will be awarded rights on a basis pro rata to the amounts they bid for that point. Bids will be prorated first at a particular receipt points and then at the Transmission Zone if needed. T,L
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- 18. Successful bidders are contractually liable for all Backbone Transportation Service capacity rights awarded to them in Step 2 and will be assigned a unique contract number for each successful bid. T,L
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OPEN SEASON: Long Term Open Season – Step 3

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- 1. An open season –Step 3 will be conducted through the Utility’s on-line bid system prior to service commencing under this schedule whereby all existing firm Backbone Transportation Service capacity available after Step 2 shall be made available through an open season process consisting of one round of bidding.
- 2. Bidders for Backbone Transportation Service capacity rights awarded in Step 3 shall choose service under either G-BTS1 or G-BTS2 rate.

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 15

(Continued)

SPECIAL CONDITIONS (Continued)

OPEN SEASON: Long Term Open Season – Step 3 (Continued)

3. All bids for Step 3 must be submitted through the Utility’s internet-based bid system platform. Prior to submitting a bid, a bidder must have an executed RPMA in place and must also have satisfied the Utility’s applicable credit requirements.
4. All bids for Step 3 must be submitted as annual base load quantities.
5. The term of the contracts awarded in Step 3 will be for three to 20 years.
6. The maximum total bid for any party is established by its creditworthiness.
7. A customer may submit multiple bids for each individual Receipt Point, but all submitted bids are binding and cannot be withdrawn.
8. Any bid submitted may be prorated based on the other bids submitted in order to meet the available receipt point access capacity available. Customers may signify that any of their specific receipt point bids is an all-or-nothing bid so that it will be rejected if any prorating is required.

CONTRACT INTERCHANGEABILITY

1. After receipt point capacity is awarded in all steps described, capacity holders will also be allowed to “re-contract” any part of their capacity from any Receipt Point on the system to a different point, even in a different zone, to the extent capacity is available at the requested Receipt Point.
2. After all of the steps have taken place, the Utility will post any available receipt point capacity on its EBB and accept requests from capacity holders to move their specific receipt point capacities during a three-day re-contracting period. At the end of this period, the Utility will evaluate all requests for changes on a non-discriminatory basis and grant requests where receipt point capacity is available. To the extent more quantities are requested to be moved to a particular Receipt Point or Transmission Zone than the available capacity, the requests will be prorated among the requesting customers. Customers may signify that their specific receipt point move request is an all-or-nothing request so that it will be rejected if any prorating is required.
3. After the re-contracting period for receipt point access capacity, all remaining available capacities will be available to customers on a “first-come, first-served” basis.
4. At any time, should sufficient customer demand exist for expansion of a receipt point or take-away capacity from a receipt point or transmission zone, the Utility will conduct an open season consistent with Rule No. 39.

(Continued)

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Schedule No. G-BTS
BACKBONE TRANSPORTATION SERVICE

Sheet 16

(Continued)

SPECIAL CONDITIONS (Continued)

REMAINING FIRM BACKBONE TRANSPORTATION SERVICE CAPACITY

1. Any creditworthy market participants may acquire available Backbone Transportation Service capacity for a minimum term of one day and a maximum term up to the period remaining in the three-year cycle at the G-BTSN1 or G-BTSN2 rate.
2. All unsubscribed firm receipt point capacity will be available to customers on a "first-come, first-served" basis.
3. The Utility may also make available any operationally available capacity in excess of the above stated firm capacity quantities on a short-term firm basis under G-BTS1.
4. The Utility may also post the availability of monthly Backbone Transportation Service capacity at a negotiated level below the G-BTS1 Reservation Rate and will hold an open season for that capacity on its EBB. Participants may submit a bid for receipt point capacity at the negotiated rate. Should the Utility receive bids in excess of the posted receipt point access capacity at a particular Receipt Point or within a particular Transmission Zone, participant awards will be awarded such that the awarded receipt point access capacity does not exceed the available capacities. Awards will be allocated first to the highest price bids; among equal price bids awards will be allocated from the longest term to the shortest term. If necessary, awards will be prorated among like price and like term bids. Customers may signify that any of their specific receipt point bids is an all-or-nothing bid so that it will be rejected if any prorating is required.

INTERRUPTIBLE BACKBONE TRANSPORTATION SERVICE

1. The Utility will make available all unutilized firm Backbone Transportation Service capacity or operationally available capacity on an interruptible basis at the G-BTS4 rate and will schedule that capacity in accordance with Rule No. 30 for scheduling of interruptible capacity.
2. Customers taking interruptible service under the G-BTS4 rate will be required to execute at least one contract, which will provide service from all Receipt Points.
3. The Utility will contract with any creditworthy party for interruptible receipt point service under the G-BTS4 rate.
4. The Utility may also post daily interruptible volumetric charges at a level below the maximum G-BTS4 rate for all interruptible receipt point service or just for a particular Receipt Point. On any day in which the Utility posts a daily interruptible charge at a level below the maximum G-BTS4 rate, all interruptible service used by customers at the applicable particular Receipt Points during that day will be charged the reduced volumetric charge. No interruptible service shall be charged at a level below the maximum G-BTS4 rate without the rate first being posted.

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ATTACHMENT 6

TO

**APRIL 25, 2013
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

**PROPOSED REDLINE MODIFICATIONS
TO RULE 30**

Rule No. 30

Sheet 1

TRANSPORTATION OF CUSTOMER-OWNED GAS

The general terms and conditions applicable whenever the Utility System Operator transports customer-owned gas, including wholesale customers, the Utility Gas Procurement Department, other end-use customers, aggregators, marketers and storage customers (referred to herein as "customers) over its system are described herein.

A. General

1. Subject to the terms, limitations and conditions of this rule and any applicable CPUC authorized tariff schedule, directive, or rule, the customer will deliver or cause to be delivered to the Utility and accept on redelivery quantities of gas which shall not exceed the Utility's capability to receive or redeliver such quantities. The Utility will accept such quantities of gas from the customer or its designee and redeliver to the customer on a reasonably concurrent basis an equivalent quantity, on a term basis, to the quantity accepted.
2. The customer warrants to the Utility that the customer has the right to deliver the gas provided for in the customer's applicable service agreement or contract (hereinafter "service agreement") and that the gas is free from all liens and adverse claims of every kind. The customer will indemnify, defend and hold the Utility harmless against any costs and expenses on account of royalties, payments or other charges applicable before or upon delivery to the Utility of the gas under such service agreement.
3. The point(s) where the Utility will receive the gas into its intrastate system (point(s) of receipt, as defined in Rule No. 1) and the point(s) where the Utility will deliver the gas from its intrastate system to the customer (point(s) of delivery, as defined in Rule No. 1) will be set forth in the customer's applicable service agreement. Other points of receipt and delivery may be added by written amendment thereof by mutual agreement. The appropriate delivery pressure at the point(s) of delivery to the customer shall be that existing at such point(s) within the Utility's system or as specified in the service agreement.

B. Quantities

1. The Utility shall as nearly as practicable each day redeliver to customer and customer shall accept, a like quantity of gas as is delivered by the customer to the Utility on such day. It is the intention of both the Utility and the customer that the daily deliveries of gas by the customer for transportation hereunder shall approximately equal the quantity of gas which the customer shall receive at the point(s) of delivery. However, it is recognized that due to operating conditions either (1) in the fields of production, (2) in the delivery facilities of third parties, or (3) in the Utility's system, deliveries into and redeliveries from the Utility's system may not balance on a day-to-day basis. The Utility and the customer will use all due diligence to assure proper load balancing in a timely manner.

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 2

(Continued)

B. Quantities (Continued)

2. The gas to be transported hereunder shall be delivered and redelivered as nearly as practicable at uniform hourly and daily rates of flow. The Utility may refuse to accept fluctuations in excess of ten percent (10%) of the previous day's deliveries, from day to day, if in the Utility's opinion receipt of such gas would jeopardize other operations. Customers may make arrangements acceptable to the Utility to waive this requirement.
3. The Utility does not undertake to redeliver to the customer any of the identical gas accepted by the Utility for transportation, and all redelivery of gas to the customer will be accomplished by substitution on a therm-for-therm basis.
4. Transportation customers, including the Utility Gas Procurement Department, wholesale customers, contracted marketers, and aggregators will be provided monthly balancing services in accordance with the provisions of Schedule No. G-IMB.

C. Electronic Bulletin Board

1. The Utility prefers and encourages customers, including the Utility Gas Procurement Department, to use Electronic Bulletin Board (EBB) as defined in Rule No. 1 to submit their transportation nominations to the Utility. Imbalance trades are to be submitted through EBB or by means of the Imbalance Trading Agreement Form (Form 6544). Use of EBB is not mandatory for transportation only customers.
2. Transportation nominations may be submitted manually or through EBB. For each transportation nomination submitted manually, (by means other than EBB such as facsimile transmittal), a processing charge of \$11.87 shall be assessed. No processing charge will apply to an EBB subscriber for nominations submitted by fax at a time the EBB system is unavailable for use by the subscriber.

D. Operational Requirements

1. Customer Representation

The customer must provide to the Utility the name(s) of any agents ("Agent") used by the customer for delivery of gas to the Utility for transportation service hereunder and their authority to represent customer.

A customer may choose only one of the following gas supply arrangements: 1) one Contractor, 2) one or multiple Agents, or 3) itself for purposes of nominating to its end-use account (OCC).

(Continued)

Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 3

(Continued)

D. Operational Requirements (Continued)

2. Receipt Points

Utility accepts nominations from transportation customers or their representatives at the following Receipt Points into the SoCalGas system, as referenced in Schedule No. G-BTS*:

- El Paso Pipeline at Blythe (Southern Transmission Zone)
- North Baja Pipeline at Blythe (Southern Transmission Zone)
- Transportadora de Gas Natural de Baja California at Otay Mesa (Southern Transmission Zone)
- Kern River Pipeline and Mojave Pipeline (Wheeler Transmission Zone)
- PG&E at Kern River Station (Wheeler Transmission Zone)
- Occidental of Elk Hills at Gosford (Wheeler Transmission Zone)
- Transwestern Pipeline at North Needles (Northern Transmission Zone)
- Transwestern Pipeline at Topock (Northern Transmission Zone)
- El Paso Pipeline at Topock (Northern Transmission Zone)
- Questar Southern Trails Pipeline at North Needles (Northern Transmission Zone)
- Kern River Pipeline and Mojave Pipeline at Kramer Junction (Northern Transmission Zone)
- Line 85 (California Supply)
- North Coastal (California Supply)
- Other (California Supply)
- Storage

* Additional Receipt Points will be added as they are established in the future.

3. Backbone Transmission Capacity

Each day, Receipt Point and Backbone Transmission Zone capacities will be set at their physical operating maximums under the operating conditions for that day. The Utility will schedule nominations for each Receipt Point and Backbone Transmission Zone to the maximum operating capacity of that individual Receipt Point or Backbone Transmission Zone. The maximum operating capacity is defined as the facility design or contractual limitation to deliver gas into the Utility's system adjusted for operational constraints (i.e. maintenance, localized restrictions, and upstream delivery pressures) as determined each day.

The NAESB elapsed pro rata rules require that the portion of the scheduled quantity that would have theoretically flowed up to the effective time of the intraday nomination be confirmed, based upon a cumulative uniform hourly quantity for each nomination period affected. As such, the scheduled quantities for each shipper are subject to change in the Intraday 1 Cycle and the Intraday 2 Cycle. However, each shipper's resulting scheduled quantity for the Gas Day will be no less than the

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 3

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elapsed prorated scheduled quantity for that shipper.

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 4

(Continued)

D. Operational Requirements (Continued)

3. Backbone Transmission Capacity (Continued)

Each day, the Utility will use the following rules to confirm nominations to the Receipt Point and Backbone Transmission Zone maximum operating capacities. The Utility will also use the following rules to confirm nominations to the system capacity limitation as defined in Section F for OFO events during the Intraday 1 cycle with the limitation that Southern Zone nominations will not be cut to a level below 110% of the minimum flowing supply for the Southern System as described in Rule 41 Section 5.

Confirmation Order:

- Nominations using Firm Primary backbone transportation rights will be first; pro-rated if over-nominated*.
- Nominations using Firm Alternate backbone transportation rights within the associated transmission zone will be second (“Firm Alternate Within-the-Zone”); pro-rated if over-nominated.
- Nominations using Firm Alternate backbone transportation rights outside the associated transmission zone will be third (“Firm Alternate Outside-the-Zone”); pro-rated if over-nominated.
- Nominations using Interruptible backbone transportation rights will be fourth, pro-rated if over-nominated.

Bumping Rules:

- Firm Primary rights can “bump” any Firm Alternate scheduled quantities through the Evening Cycle.
- Firm Alternate Within-the-Zone rights can “bump” Firm Alternate Outside-the-Zone scheduled quantities through the Evening Cycle.
- Firm Primary and any Firm Alternate can “bump” interruptible scheduled quantities through the Intraday 1 Cycle subject to the NAESB elapsed pro-rata rules.
- Bumping will not be allowed in the Intraday 2 Cycle.

* If the available firm capacity at a particular receipt point or within a particular transmission zone is less than the firm capacity figures stated in Schedule No. G-BTS, scheduling of firm backbone transportation capacity nominations will be pro rata within each scheduling cycle. Any nominations of firm backbone transportation rights acquired through the addition of Displacement Backbone Transmission Capacity facilities will be reduced pro rata to zero at the applicable receipt point or within the applicable transmission zone prior to other firm backbone transportation rights nominations being reduced.

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Rule No. 30

TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

D. Operational Requirements (Continued)

3. Backbone Transmission Capacity (Continued)

Priority Rules:

- a. Firm primary scheduled quantities in the Evening Cycle will have priority over a new firm primary nomination made in the Intraday 1 Cycle.
- b. Firm Alternate Inside-the-Zone scheduled quantities in the Evening Cycle will have priority over a new Firm Alternate Inside-the-Zone nomination made in the Intraday 1 Cycle.
- c. Firm Alternate Outside-the-Zone scheduled quantities in the Evening Cycle will have priority over a new Firm Alternate Outside-the-Zone nomination made in the Intraday 1 Cycle.
- d. Interruptible scheduled quantities in the Evening Cycle will have priority over a new Interruptible nomination made in the Intraday 1 Cycle.
- e. This same structure will be applied in going from Intraday 1 Cycle (Cycle 3) to Intraday 2 Cycle (Cycle 4). However, this hierarchy will not affect Intraday 3 (Cycle 5) nominations or the elapsed pro rata rule.

4. Storage Service Capacity

Each day, storage injection and withdrawal capacities will be set at their physical operating maximums under the operating conditions for that day and posted on the Utility's EBB. The Utility will use the following rules to limit the nominations to the storage maximums.

- Nominations using Firm storage rights will have first priority, pro-rated to the available firm storage capacity.
- All other nominations using Interruptible storage rights will have second priority, pro-rated if over-nominated based on the daily volumetric price paid.
- Firm storage rights can "bump" interruptible scheduled storage quantities through the Intraday 3 cycle.

Notice to bumped parties will be provided via the Transactions module in EBB. Bumping is subject to the NAESB elapsed prorata rules.

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Rule No. 30

Sheet 8

TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

D. Operational Requirements (Continued)

6. Nominations (Continued)

<u>FROM</u>	<u>TO</u> (Continued)
Citygate Pool Account	Storage Account
Storage Account	Citygate Pool Account
Storage Account	Storage Account
Storage Account	Off-System Delivery Contract
Citygate Pool Account	Off-System Delivery Contract
End User, Contracted Marketer, ESP	Storage Account
Off-System Delivery Contract	PG&E Pipeline (at Kern River Station)
Off-System Delivery Contract	Mojave Pipeline (at Wheeler Ridge)
Off-System Delivery Contract	Mojave Pipeline (at Kramer Junction)
Off-System Delivery Contract	Kern River Pipeline (at Wheeler Ridge)
Off-System Delivery Contract	Kern River Pipeline (at Kramer Junction)
Off-System Delivery Contract	Questar Southern Trails Pipeline (at North Needles)
Off-System Delivery Contract	Transwestern Pipeline (at North Needles)
Off-System Delivery Contract	Transwestern Pipeline (at Topock)
Off-System Delivery Contract	El Paso Pipeline (at Topock)
Off-System Delivery Contract	El Paso Pipeline (at Blythe)
Off-System Delivery Contract	North Baja Pipeline (at Blythe)
Off-System Delivery Contract	Transportadora de Gas Natural de Baja California (at Otay Mesa)
Receipt Point Pool Account	Receipt Point Pool Account
Receipt Point Pool Account	Backbone Transportation Contract

7. Timing

All times referred to below are in Pacific Clock Time. Requests for deadline extensions may be granted for 15 minutes only if request is made prior to the deadlines shown below.

Timely Cycle

Transportation nominations submitted via EBB for the Timely Nomination cycle must be received by the Utility by 9:30 a.m. one day prior to the flow date. Nominations submitted via fax must be received by the Utility by 8:30 a.m. one day prior to the flow date. Timely nominations will be effective at 7:00 a.m. on the flow date.

(Continued)

(TO BE INSERTED BY UTILITY)

ISSUED BY

(TO BE INSERTED BY CAL. PUC)

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 DECISION NO. 11-04-032

Lee Schavrien
 Senior Vice President
 Regulatory Affairs

DATE FILED May 6, 2011
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 RESOLUTION NO. _____

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 9

(Continued)

D. Operational Requirements (Continued)

7. Timing (Continued)

Evening Cycle

Nominations submitted via EBB for the Evening Nomination cycle must be received by the Utility by 4:00 p.m. one day prior to the flow date. Nominations submitted via fax must be received by the Utility by 3:00 p.m. one day prior to the flow date. Evening nominations will be effective at 7:00 a.m. on the flow date.

Intraday 1 Cycle

Nominations submitted via EBB for the Intraday 1 Nomination cycle must be received by the Utility by 8:00 a.m. on the flow date. Nominations submitted via fax must be received by the Utility by 7:00 a.m. on the flow date. Intraday 1 nominations will be effective at 3:00 p.m. the same day.

Intraday 2 Cycle

Nominations submitted via EBB for the Intraday 2 Nomination cycle must be received by the Utility by 3:00 p.m. on the flow date. Nominations submitted via fax must be received by the Utility by 2:00 p.m. on the flow date. Intraday 2 nominations will be effective at 7:00 p.m. the same day.

Intraday 3 Cycle

Nominations submitted via EBB for the Intraday 3 Nomination cycle must be received by the Utility by 9:00 p.m. Pacific Clock Time on the flow date. Nominations submitted via fax must be received by the Utility by 8:00 p.m. Pacific Clock Time on the flow date. Physical flow is deemed to begin at 11:00 p.m. Pacific Clock Time.

Intraday 3 nominations are available only for firm nominations relating to the injection of existing flowing supplies into a storage account or for firm nominations relating to the withdrawal of gas in storage to meet an identified customer's usage. A customer may make Intraday 3 nominations from a third-party storage provider that is directly connected to the Utility's system or from the Utility's storage, subject to the storage provider or the Utility being able to deliver or accept the daily quantity nominated for Intraday 3 within the remaining hours of the flow day and the Utility's having the ability to deliver or accept the required hourly equivalent flow rate during the remaining hours of the flow day. Third-party storage providers will be treated on a comparable basis with the Utility's storage facilities to the extent that it can provide the equivalent service and operations.

(Continued)

(TO BE INSERTED BY UTILITY)

ISSUED BY

(TO BE INSERTED BY CAL. PUC)

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 10

(Continued)

D. Operational Requirements (Continued)

8. Confirmation and Ranking Process

A ranking must be received by the Utility at the time the nomination or the confirmation is submitted. The nominating party will rank its supplies and the confirming party will rank its markets. The Utility will then balance the pipeline system using the "lesser of" rule and the rankings submitted.

The ranking will automatically roll from cycle-to-cycle and day-to-day until the nomination end date, unless modified by the nominating entity.

If no ranking is submitted at the time the nomination is submitted, the Utility will assign the lowest ranking to the nomination.

The Utility will compare the nominations received for each transaction and the corresponding confirmation. If the two quantities do not agree, the "lesser of" the two quantities will be the quantity scheduled by the Utility. Subject to the Utility receiving notification of confirmed transportation from the applicable upstream pipeline(s) and/or operator(s), the Utility will provide scheduled quantities on EBB.

9. As between the customer and the Utility, the customer shall be deemed to be in control and possession of the gas to be delivered hereunder and responsible for any damage or injury caused thereby until the gas has been delivered at the point(s) of receipt. The Utility shall thereafter be deemed to be in control and possession of the gas after delivery to the Utility at the point(s) of receipt and shall be responsible for any damage or injury caused thereby until the same shall have been redelivered at the point(s) of delivery, unless the damage or injury has been caused by the quality of gas originally delivered to the Utility, for which the customer shall remain responsible.

10. Any penalties or charges incurred by the Utility under an interstate or intrastate supplier contract as a result of accommodating transportation service shall be paid by the responsible customer.

11. Customers receiving service from the Utility for the transportation of customer-owned gas shall pay any costs incurred by the Utility because of any failure by third parties to perform their obligations related to providing such service.

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(TO BE INSERTED BY UTILITY)

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Lee Schavrien
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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 11

(Continued)

E. Interruption of Service

1. The customer's transportation service priority shall be established in accordance with the definitions of Core and Noncore service, as set forth in Rule No. 1, and the provisions of Rule No. 23, Continuity of Service and Interruption of Delivery. If the customer's gas use is classified in more than one service priority, it is the customer's responsibility to inform the Utility of such priorities applicable to the customer's service. Once established, such priorities cannot be changed during a curtailment period.
2. The Utility shall have the right, without liability (except for the express provisions of the Utility's Service Interruption Credit as set forth in Rule No. 23), to interrupt the acceptance or redelivery of gas whenever it becomes necessary to test, alter, modify, enlarge or repair any facility or property comprising the Utility's system or otherwise related to its operation. When doing so, the Utility will try to cause a minimum of inconvenience to the customer. Except in cases of unforeseen emergency, the Utility shall give a minimum of ten (10) days advance written notice of such activity.

F. Nominations in Excess of System Capacity

1. The Utility System Operator's protocol for declaring an Operational Flow Order (OFO) is described in Rule No. 41. Any OFO shall apply to all customers, including wholesale customers and the Utility Gas Procurement Department.
2. The OFO period shall begin on the flow date(s) indicated by the Utility Gas Control Department. Customers shall be allowed to reduce their nominations or adjust their supply ranking in response to the OFO.
3. In the event customers fail to adequately reduce their transportation nominations, the Utility shall reduce the confirmed receipt point access nominations as defined in Section D.
4. In accordance with the provisions of Schedule No. G-IMB, Buy-Back service shall be applied separately to each OFO day. Customer meters subject to maximum daily quantity limitations will use the maximum daily quantity as a proxy for daily usage. For the Utility Gas Procurement Department, the Daily Forecast Quantity will be used as a proxy for daily usage. For core aggregators, their Daily Contract Quantity will be used as a proxy for daily usage.

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Lee Schavrien
Senior Vice President

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

G. Winter Deliveries

The Utility requires that customers deliver (using a combination of flowing supply and storage withdrawal) at least 50% of burn over a five-day period from November through March. As the Utility's total storage inventory declines through the winter, the delivery requirement becomes daily and increases to 70% or 90% depending on the level of inventory relative to peak day minimums.

1. From November 1 through March 31 customers are required to deliver (flowing supply and storage withdrawal) at a minimum of 50% of burn over a 5-day period. In other words, for each 5-day period, the Utility will calculate the total burn and the total delivery. If the total delivery is less than 50% of the total burn, a daily balancing standby charge is applied. The daily balancing standby rate is 150% of the highest Southern California Border price during the five day period as published by Natural Gas Intelligence in "NGI's *Daily Gas Price Index*," including authorized franchise fees and uncollectible expenses (F&U) and brokerage fees. Authorized F&U will not be added to any daily stand-by balancing charge for the Utility Gas Procurement Department to the extent it is collected elsewhere. Imbalance trading may not be used to offset the delivery minimums.
 - a. "Burn" means usage and is defined as metered throughput or an estimated quantity such as Minimum Daily Quantity (MinDQ), as defined in Rule No. 1, for customers without automated meters, the Daily Contract Quantity for core aggregators, or the Daily Forecast Quantity for the Utility Gas Procurement Department.
 - b. Example five-day periods are: Nov. 1 through Nov. 5, Nov. 6 through Nov. 10, Nov. 11 through Nov. 15 and so on. November with 30 days has six 5-day periods. December, January and March with 31 days have a 6-day period at the end of the month. February has a shortened 3 or 4-day period at the end of the month. The current 5-day period will run its course fully before the implementation of the 70% daily requirement. In the event that inventories rise above the 70% daily trigger levels by 1 Bcf, then a new, 5-day period will be implemented on the following day.
 - c. Example calculations for determining volumes subject to the daily balancing standby rate are: if over 5 days, total burn is 500,000 therms and total deliveries (including withdrawal) are 240,000 therms, then 10,000 therms is subject to daily balancing standby rate. (50% times 500,000 minus 240,000 equals 10,000).
 - d. Example calculations in using NGI's Daily Gas Price Index for determining the daily balancing standby rate are: If for Jan. 6 through Jan. 10 the NGI Southern California Border quoted price ranges are \$2.36- 2.39, \$2.36-2.44, \$2.38-2.47, \$2.36-2.42, and \$2.37- 2.45, respectively, then the daily balancing standby rate becomes \$3.71 (\$2.47 times 150%).
 - e. With the exception of weekends and holidays, the Utility will use quotes from the NGI publication dated on the same day as the flow date. Weekend or holiday flow dates will use the first available publication date after the weekend or holiday.

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

G. Winter Deliveries (Continued)

2. When total inventory declines to the "peak day minimum + 20 Bcf trigger," the minimum daily delivery requirement increases to 70%. Customers are then required to be balanced (flowing supply plus storage withdrawal) at a minimum of 70% of burn on a daily basis. The 5-day period no longer applies since the system can no longer provide added flexibility. The daily balancing standby rate is 150% of the highest Southern California Border price per NGI's *Daily Gas Price Index* for the day (including authorized F&U and brokerage fees) and is applied to each day's deliveries which are less than the 70% requirement. Authorized F&U will not be added to any daily stand-by balancing charge for the Utility Gas Procurement Department to the extent it is collected elsewhere. In this regime interruptible storage withdrawal is cut in half subject to the scheduling priorities established in Section D.8. All Operational Hub Services contributing to the underdelivery situation (i.e., Operational Hub deliveries greater than Operational Hub receipts) are suspended. All of the requirements in this paragraph are waived for the days that an OFO is in effect.
 - a. Peak day minimums are calculated annually before November 1 as part of normal winter operations planning. The peak day minimum is that level of total inventory that must be in storage to provide deliverability for the core 1-in-35 year peak day event, firm withdrawal commitments and noncore balancing requirement.
 - b. Example calculations in this regime for determining volumes subject to the daily balancing standby rates are: If on January 6 total burn is 500,000 therms, and total deliveries (including withdrawal) are 300,000 therms then 50,000 therms is subject to the daily balancing standby charge (70% times 500,000 minus 300,000 equals 50,000).
 - c. Example calculations in using NGI's Daily Gas Price Index for daily balancing standby rates in this regime are: if for January 6 and January 7, the NGI Southern California Border quoted price ranges are \$2.36-2.39 and \$2.36-2.44, then the daily balancing standby rates become \$3.59 (150% of 2.39) for January 6, and \$3.66 (150% times 2.44) for January 7, respectively.
3. When total inventories decline to the "peak day minimum + 5 Bcf trigger," the minimum daily delivery requirement increases to 90%. Customers are required to be balanced (flowing supply plus storage withdrawal) at a minimum of 90% of burn on a daily basis. Similar to the 70% regime the 5 day period no longer applies. The daily balancing standby rate is charged daily and is 150% of the highest Southern California Border price per NGI's *Daily Gas Price Index* for the day (including authorized F&U and brokerage fees). Authorized F&U will not be added to any daily stand-by balancing charge for the Utility Gas Procurement Department to the extent it is collected elsewhere. In this regime there are no interruptible storage withdrawals. All Operational Hub Services contributing to the underdelivery situation (i.e., Operational Hub Service deliveries greater than Operational Hub Service receipts) is suspended. All of the requirements in this paragraph are waived for the days that an OFO is in effect.

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Rule No. 30 Sheet 14
TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

G. Winter Deliveries (Continued)

4. Information regarding the established peak day minimums, daily balancing trigger levels and total storage inventory levels will be made available to customers on a daily basis via EBB and other customer notification media.
5. If a wholesale customer so requests, the Utility will nominate firm storage withdrawal volumes on behalf of the customer to match 100% of actual usage assuming the customer has sufficient firm storage withdrawal and inventory rights to match the customer's supply and demand.
6. The Utility will accept intra-day nominations to increase deliveries.
7. In all cases, current BCAP rules for monthly balancing and monthly imbalance trading continue to apply. Volumes not in compliance with the 50%, 70% and 90% minimum delivery requirements, purchased at the daily balancing standby rate, are credited toward the monthly 90% delivery requirements. Daily balancing charges remain independent of monthly balancing charges. Noncore daily balancing and monthly balancing charges go to the Purchased Gas Account (PGA). Net revenues from core daily balancing and monthly balancing charges go to the Noncore Fixed Cost Account (NFCA). Schedule No. G-IMB provides details on monthly and daily balancing charges.

H. Accounting and Billing

1. The customer and the Utility acknowledge that on any operating day during the customer's applicable term of transportation service, the Utility may be redelivering quantities of gas to the customer pursuant to other present or future service arrangements. In such an event, the Utility and customer agree that the total quantities of gas shall be accounted for in accordance with the provisions of Rule No. 23. If there is no conflict with Rule No. 23, the quantities of gas shall be accounted for in the following order:
 - a. First, to satisfy any minimum quantities under existing agreements.
 - b. Second, after complete satisfaction of (a), then to any supply or exchange service arrangements with the customer.
 - c. Third, after the satisfaction of (a) and (b), then to any subsequently executed service agreement.

(Continued)

Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

H. Accounting and Billing (Continued)

2. The customer agrees that it shall accept and the Utility can rely upon, for purposes of accounting and billing, the allocation made by customer's shipper as to the quality and quantity of gas, expressed both in Decatherm and therms, delivered at each point of receipt during the preceding billing period for the customer's account. If the shipper does not make such an allocation, the customer agrees to accept the quality and quantity as determined by the Utility. All quality and measurement calculations are subject to subsequent adjustment as provided in the Utility's tariff schedules or applicable CPUC rules and regulations. Any other billing correction or adjustment made by the customer or third party for any prior period shall be based on the rates or costs in effect when the event occurred and accounted for in the period they are reconciled.
3. The Utility shall render to the customer an invoice for the services hereunder showing the quantities of gas, expressed in therms, delivered to the Utility for the customer's account, at each point of receipt and the quantities of gas, expressed in therms, redelivered by the Utility for the customer's account at each point of delivery during the preceding billing period. The Customer shall pay such amounts due hereunder within nineteen (19) calendar days following the date such bill is mailed.
4. Both the Utility and the customer shall have the right at all reasonable times to examine, at its expense, the books and records of the other to the extent necessary to verify the accuracy of any statement, charge, computation, or demand made under or pursuant to service hereunder. The Utility and the customer agree to keep records and books of account in accordance with generally accepted accounting principles and practices in the industry.

I. Gas Delivery Specifications

1. The natural gas stream delivered into the Utility's system shall conform to the gas quality specifications as provided in any applicable agreements and contracts currently in place between the entity delivering such natural gas and the Utility at the time of the delivery. If no such agreement is in place, the natural gas shall conform to the gas specifications as defined below.
2. Gas delivered into the Utility's system for the account of a customer for which there is no existing contract between the delivering pipeline and the Utility shall be at a pressure such that the gas can be integrated into the Utility's system at the point(s) of receipt.
3. Gas delivered, except as defined in I.1 above, shall conform to the following quality specifications at the time of delivery:

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Lee Schavrien
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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 16

(Continued)

I. Gas Delivery Specifications (Continued)

3. (Continued)

- a. Heating Value: The minimum heating value is nine hundred and ninety (990) Btu (gross) per standard cubic foot on a dry basis. The maximum heating value is one thousand one hundred fifty (1150) Btu (gross) per standard cubic foot on a dry basis.
- b. Moisture Content or Water Content: For gas delivered at or below a pressure of eight hundred (800) psig, the gas shall have a water content not in excess of seven (7) pounds per million standard cubic feet. For gas delivered at a pressure exceeding of eight hundred (800) psig, the gas shall have a water dew point not exceeding 20 degrees F at delivery pressure.
- c. Hydrogen Sulfide: The gas shall not contain more than twenty-five hundredths (0.25) of one (1) grain of hydrogen sulfide, measured as hydrogen sulfide, per one hundred (100) standard cubic feet (4 ppm). The gas shall not contain any entrained hydrogen sulfide treatment chemical (solvent) or its by-products in the gas stream.
- d. Mercaptan Sulfur: The gas shall not contain more than three tenths (0.3) grains of mercaptan sulfur, measured as sulfur, per hundred standard cubic feet (5 ppm).
- e. Total Sulfur: The gas shall not contain more than seventy-five hundredths (0.75) of a grain of total sulfur compounds, measured as sulfur, per one hundred (100) standard cubic feet (12.6 ppm). This includes COS and CS₂, hydrogen sulfide, mercaptans and mono, di and poly sulfides.
- f. Carbon Dioxide: The gas shall not have a total carbon dioxide content in excess of three percent (3%) by volume.
- g. Oxygen: The gas shall not have an oxygen content in excess of two-tenths of one percent (0.2%) by volume, and customer will make every reasonable effort to keep the gas free of oxygen.
- h. Inerts: The gas shall not contain in excess of four percent (4%) total inerts (the total combined carbon dioxide, nitrogen, oxygen and any other inert compound) by volume.
- i. Hydrocarbons: For gas delivered at a pressure of 800 psig or less, the gas hydrocarbon dew point is not to exceed 45 degrees F at 400 psig or at the delivery pressure if the delivery pressure is below 400 psig. For gas delivered at a pressure higher than 800 psig, the gas hydrocarbon dew point is not to exceed 20 degrees F measured at a pressure of 400 psig.

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Rule No. 30

Sheet 17

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TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

I. Gas Delivery Specifications (Continued)

3. (Continued)

- j. Merchantability: The gas shall not contain dust, sand, dirt, gums, oils and other substances injurious to Utility facilities or that would cause gas to be unmarketable.
- k. Hazardous Substances: The gas must not contain hazardous substances (including but not limited to toxic and/or carcinogenic substances and/or reproductive toxins) concentrations which would prevent or restrict the normal marketing of gas, be injurious to pipeline facilities, or which would present a health and/or safety hazard to Utility employees and/or the general public.
- l. Delivery Temperature: The gas delivery temperature is not to be below 50 degrees F or above 105 degrees F.
- m. Interchangeability: The gas shall have a minimum Wobbe Number of 1279 and shall not have a maximum Wobbe Number greater than 1385. The gas shall meet American Gas Association's Lifting Index, Flashback Index and Yellow Tip Index interchangeability indices for high methane gas relative to a typical composition of gas in the Utility system serving the area.

Acceptable specification ranges are:

- * Lifting Index (IL)
IL <= 1.06
- * Flashback Index (IF)
IF <= 1.2
- * Yellow Tip Index (IY)
IY >= 0.8

- n. Liquids: The gas shall contain no liquids at or immediately downstream of the receipt point.
- o. Landfill Gas: Gas from landfills will not be accepted or transported.
- p. Biogas: Biogas refers to a gas derived from renewable organic sources. The gas is primarily a mixture of methane and carbon dioxide. Biogas must be free from bacteria, pathogens and any other substances injurious to Utility facilities or that would cause the gas to be unmarketable and it shall conform to all gas quality specifications identified in this Rule.

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Senior Vice President

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Rule No. 30

Sheet 18

T

TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

I. Gas Delivery Specifications (Continued)

4. The Utility, at its option, may refuse to accept any gas tendered for transportation by the customer or on his behalf if such gas does not meet the specifications at the time of delivery as set out in I. 2 and I. 3 above, as applicable.
5. A generic deviation from the minimum gas quality specifications set forth in Paragraph I.3 is granted for "Historical California Production." Quality specifications for Historical California Production will be governed by SoCalGas Rule No. 30 in effect as of September 21, 2006, or, to the extent that production had a deviation in place at that time, pursuant to the agreement governing that deviation. "Historical California Production" is defined as follows: Onshore or offshore California-produced natural gas delivered at points of interconnection existing as of January 1, 2006, up to the maximum historical deliveries or Maximum Daily Volume effective on that date as specified in any agreement permitting supply delivery at those points. If a producer moves its deliveries of Historical California Production from a point of interconnection existing as of January 1, 2006, to another existing or a new point on the system, or if one or more producers consolidate two or more existing points of interconnection existing as of January 1, 2006, to another existing or a new point on the system, the deviation granted under this provision will follow the Historical California Production provided that (a) the Utility has required or approved the change in receipt point location and (b) the continuing deviation shall not exceed the Maximum Daily Volume stated in the access agreement(s) governing deliveries at the producer's original point of interconnection and (c) specifically, the quality of the gas should not lessen to the point that it falls outside the grandfathered Rule No. 30 specifications.
6. In addition to the generic deviation provided in paragraph 5, the Utility will grant other specific deviations to California production from the gas quality specifications defined in Paragraph I.3 above, if such gas will not have a negative impact on system operations. Any such deviation will be required to be filed through Advice Letter for approval prior to gas actually flowing in the Utility system.
7. The Utility will grant a deviation to existing interstate supplies consistent with prior gas quality specifications if requested by the interconnecting interstate pipeline for a period of not more than 12 months from the date of D.06-09-039.
8. The Utility will post on its EBB and/or general website information regarding the available real-time Wobbe Number of gas at identified operational locations on its system.

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TRANSPORTATION OF CUSTOMER-OWNED GAS

(Continued)

J. Termination or Modification

1. If the customer breaches any terms and conditions of service of the customer's service agreement or the applicable tariff schedules and does not correct the situation within thirty (30) days of notice, the Utility shall have the right to cease service and immediately terminate the customer's applicable service agreement.
2. If the contract is terminated, either party has the right to collect any quantities of gas or money due them for transportation service provided prior to the termination.

K. Regulatory Requirements

1. Any gas transported by the Utility for the customer which was first transported outside the State of California shall have first been authorized under Federal Energy Regulatory Commission (FERC) regulations, as amended. Both parties recognize that such regulations only apply to pipelines subject to FERC jurisdiction, and do not apply to the Utility. The customer shall not take any action which would subject the Utility to the jurisdiction of the FERC, the Economic Regulatory Administration or any succeeding agency. Any such action shall be cause for immediate termination of the service arrangement between the customer and the Utility.
2. Transportation service shall not begin until both parties have received and accepted any and all regulatory authorizations necessary for such service.

L. Warranty and Indemnification

1. The customer warrants to the Utility that the customer has the right to deliver gas hereunder and that such gas is free from all liens and adverse claims of every kind. Customer will indemnify, defend and save the Utility harmless against all loss, damage, injury, liability and expense of any character where such loss, damage, injury, liability or expense arises directly or indirectly out of any demand, claim, action, cause of action or suit brought by any person, association or entity asserting ownership of or any interest in the gas tendered for transportation hereunder, or on account of royalties, payments or other charges applicable before or upon delivery of gas hereunder.
2. The customer shall indemnify, defend and save harmless the Utility, its officers, agents, and employees from and against any and all loss, costs (including reasonable attorneys' fees), damage, injury, liability, and claims for injury or death of persons (including any employee of the customer or the Utility), or for loss or damage to property (including the property of the customer or the Utility), which occurs or is based upon an act or acts which occur while the gas is deemed to be in the customer's control and possession or which results directly or indirectly from the customer's performance of its obligations arising pursuant to the provisions of its service agreement and the Utility's applicable tariff schedules, or occurs based on the customer-owned gas not meeting the specifications of Section I of this rule.

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Rule No. 30
TRANSPORTATION OF CUSTOMER-OWNED GAS

Sheet 19

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July 2, 2013

Appendix 2

2013 Post Forum Report on System Reliability Issues

**PowerPoint Presentation for SoCalGas Utility Customer Forum on
May 9, 2013**



Southern
California
Gas Company



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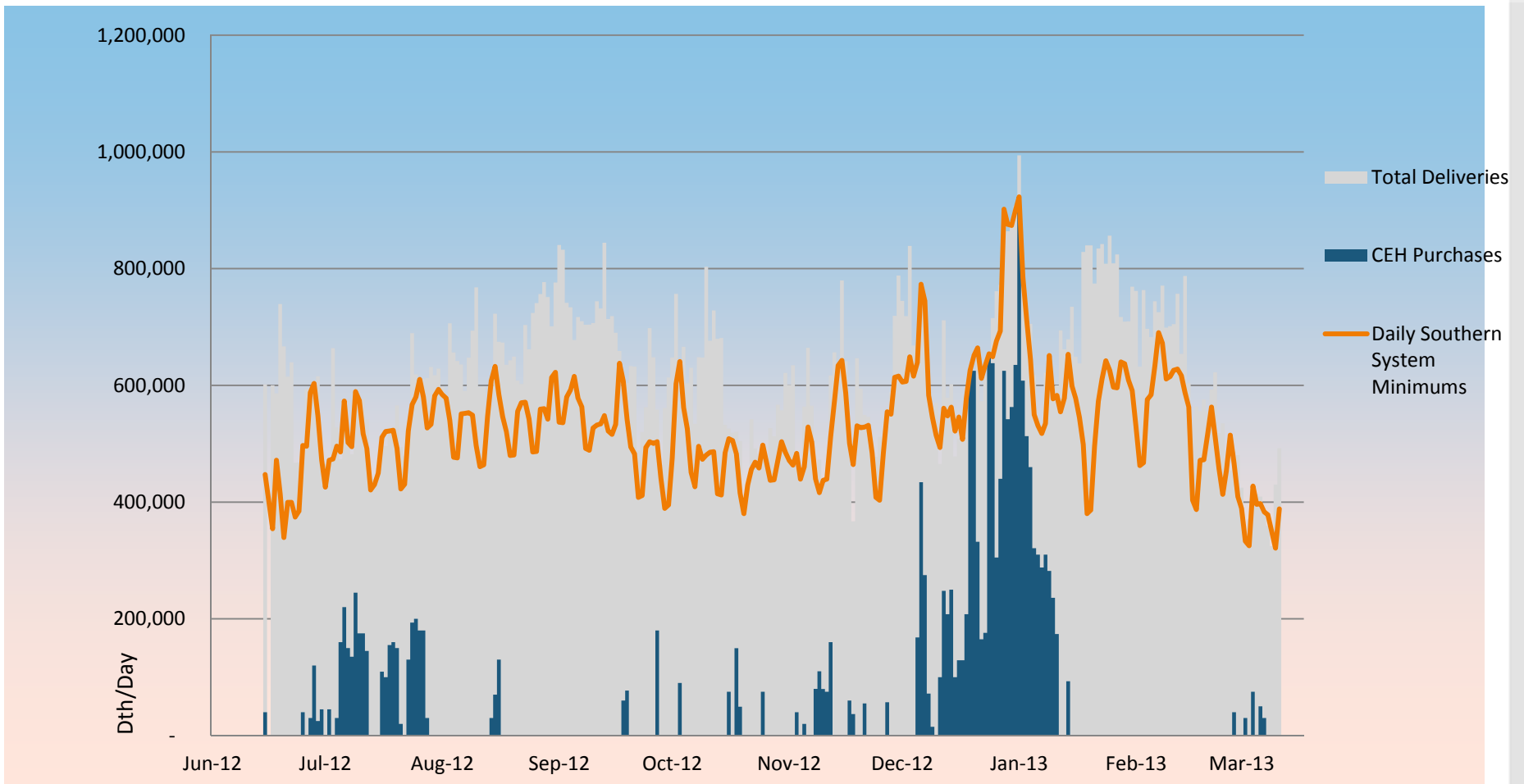
SoCalGas 2013 Customer Forum

May 9, 2013

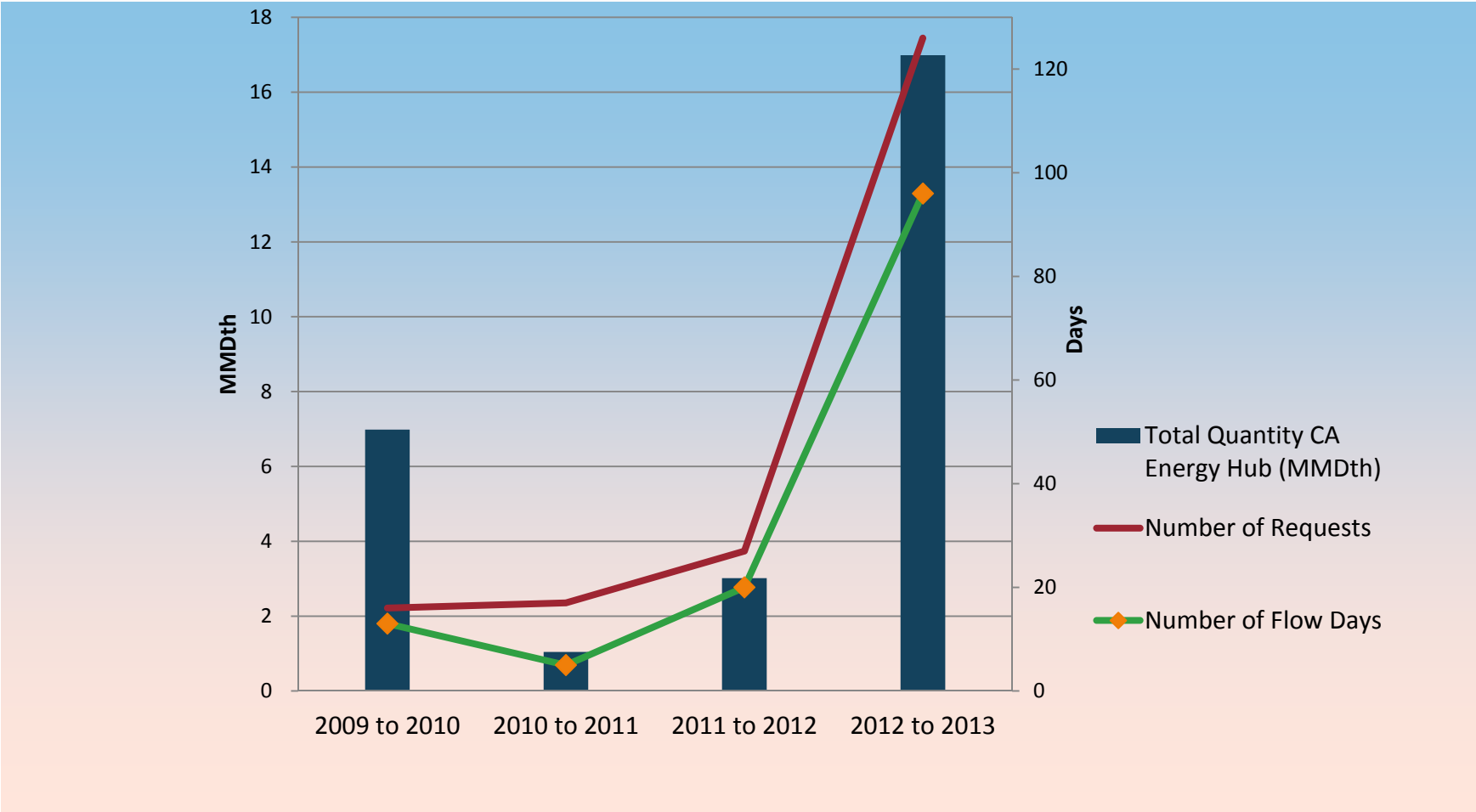
Agenda

- Introductions
- Antitrust Disclaimer
- Review of April 2012 to March 2013
 - Minimum Flow Requirements
 - Southern System Requests
- OFO Review
- Additional Tools/System Improvements
- Post Forum Report to be filed no later than July 5, 2013
- Southern System Workshops

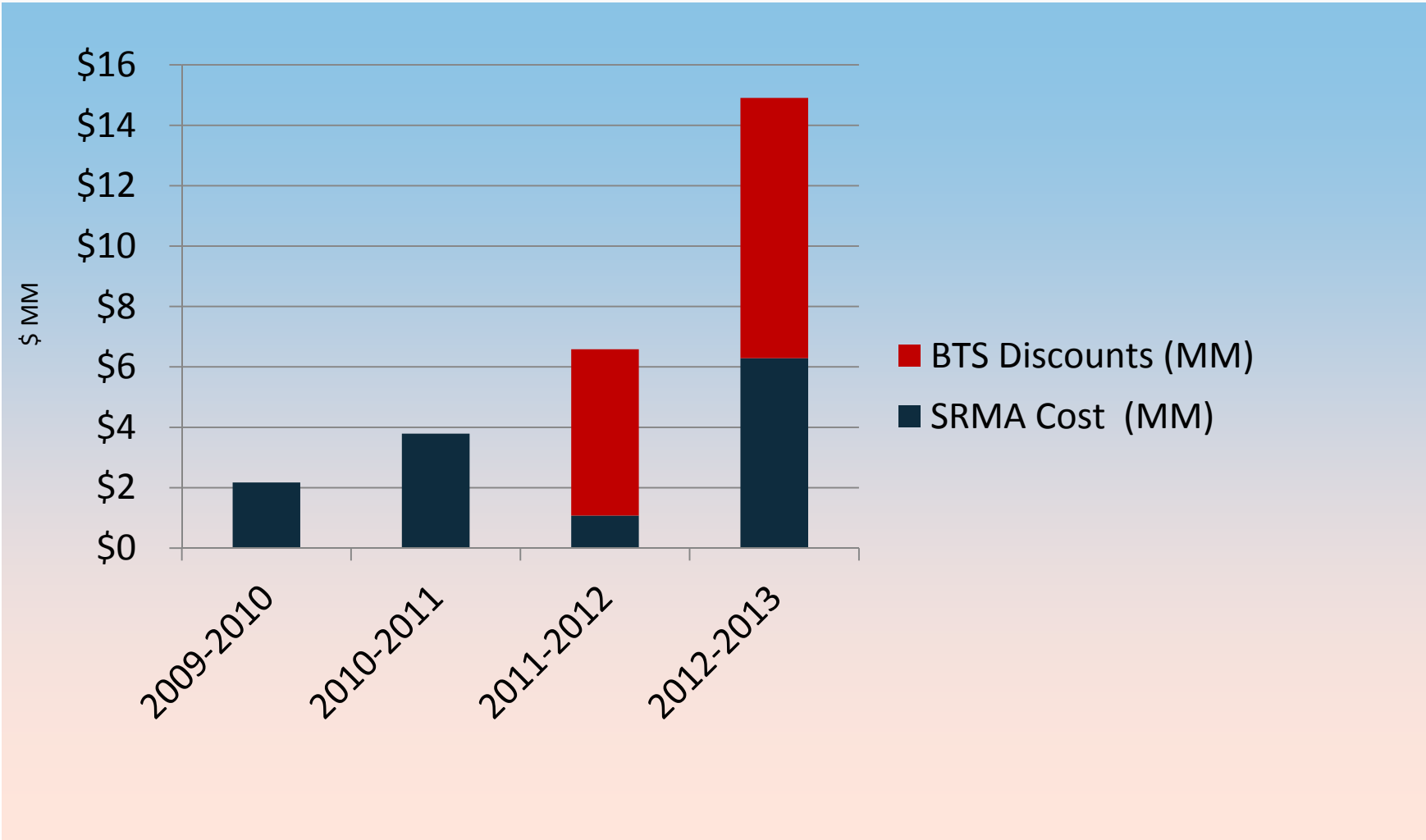
June 2012 - March 2013 Southern System Deliveries



Southern System Historical Data



Southern System Costs & BTS Discounts



Southern System Reliability (SSR) Purchases and Interruptible BTS Discounts

	2009-2010	2010-2011	2011-2012	2012-2013
Purchases (Dth)	6,983,793	1,044,677	3,014,554	16,988,817
SRMA Cost	\$2,173,063	\$3,789,043	\$1,077,850	\$6,290,334
Net Cost (¢/dth)	31	363	36	37
BTS discounts	\$0	\$0	\$ 5,507,244	\$ 8,615,419

Three Day Strip Reliability Purchases

- In most cases, Gas Control makes the request for Southern System purchases after scheduled Cycle 1 quantities are below the Southern System Minimum
- This process works reasonably well for weekday purchases; not as well for weekends when gas is normally traded as a 3-day strip for Saturday through Monday
- If SoCalGas anticipates that supplies will be required for Saturday through Monday (or during holidays) we may make reliability purchases for the whole period

Operational Flow Order (OFO)

- An OFO is declared when SoCalGas determines that expected receipts will exceed total forecasted system capacity (including storage injection capacity and latest off-system scheduled quantities) for a pending flow day
- SoCalGas uses the on-system scheduled quantities from the latest scheduling cycle to determine expected system receipts for the OFO calculation

Scheduled Quantities Used for OFO

Cycle	Scheduled Quantity Used for OFO Calculation
Timely	<i>Prior Day, Evening Cycle</i>
Evening	<i>Current Day, Timely Cycle</i>
Intraday 1	<i>Current Day, Evening Cycle</i>
Intraday 2	<i>Current Day, Intraday 1 Cycle</i>

On OFO days, SoCalGas will only confirm nominations up to the total system capacity for Intraday 1 (Cycle 3) and Intraday 2 (Cycle 4)

SoCalGas will not declare an OFO on Intraday 2 (Cycle 4), but will limit the confirmations to the total system capacity as it does on all other days

OFO Review

- 48 OFOs events during Review Period
- Reduction of 6% compared to previous reporting period of 51
- 30 OFOs occurred during winter period when storage injection capacity was limited due to maintenance

OFO Comparison

2012 Forum Report

- Cycle 1 33
- Cycle 2 8
- Cycle 3 10
- Total 51

2013 Forum Report

- Cycle 1 28
- Cycle 2 5
- Cycle 3 13
- Total 48

First Potential Tool to Address Minimum Flow Requirements

Discounting Firm BTS Capacity

- Modify G-BTS tariff to encourage discounting of firm BTS on Southern system
- Tariff change would prohibit exchanges or alternate nominations to other receipt points
- Suggested Tariff Change:
 - Section 3 of the “Nominations and Balancing” portion of Rate Schedule G-BTS: *Unless otherwise provided for in a discounted agreement*

Second Potential Tool to Address Minimum Flow Requirements

Increase Southern System Operating Margin

- Modify Rule 30 to limit Southern Zone Cycle 3 capacity cuts during OFOs to a 110% floor of the Southern System Minimum
- Would reduce cuts to Southern System Reliability Purchases during OFO events
- Suggested Tariff Change:
 - Rule 30 § D3: The Utility will also use the following rules to confirm nominations to the system capacity limitation as defined in Section F for OFO events during the Intraday 1 cycle *with the limitation that Southern Zone nominations will not be cut to a level below 110% of the minimum flowing supply for the Southern System as described in Rule 41 Section 5.*

Third Potential Tool to Address Minimum Flow Requirements

Modify Rule 41 to allow preauthorization of baseload contracts at Ehrenberg if:

- Price is less than or equal to SoCalGas Border + 8.2 cents/dth
- Total quantity is less than or equal to 255,000 dths/day (Dec-March)
- Total quantity is less than or equal to 180,000 dths/day (April-November)

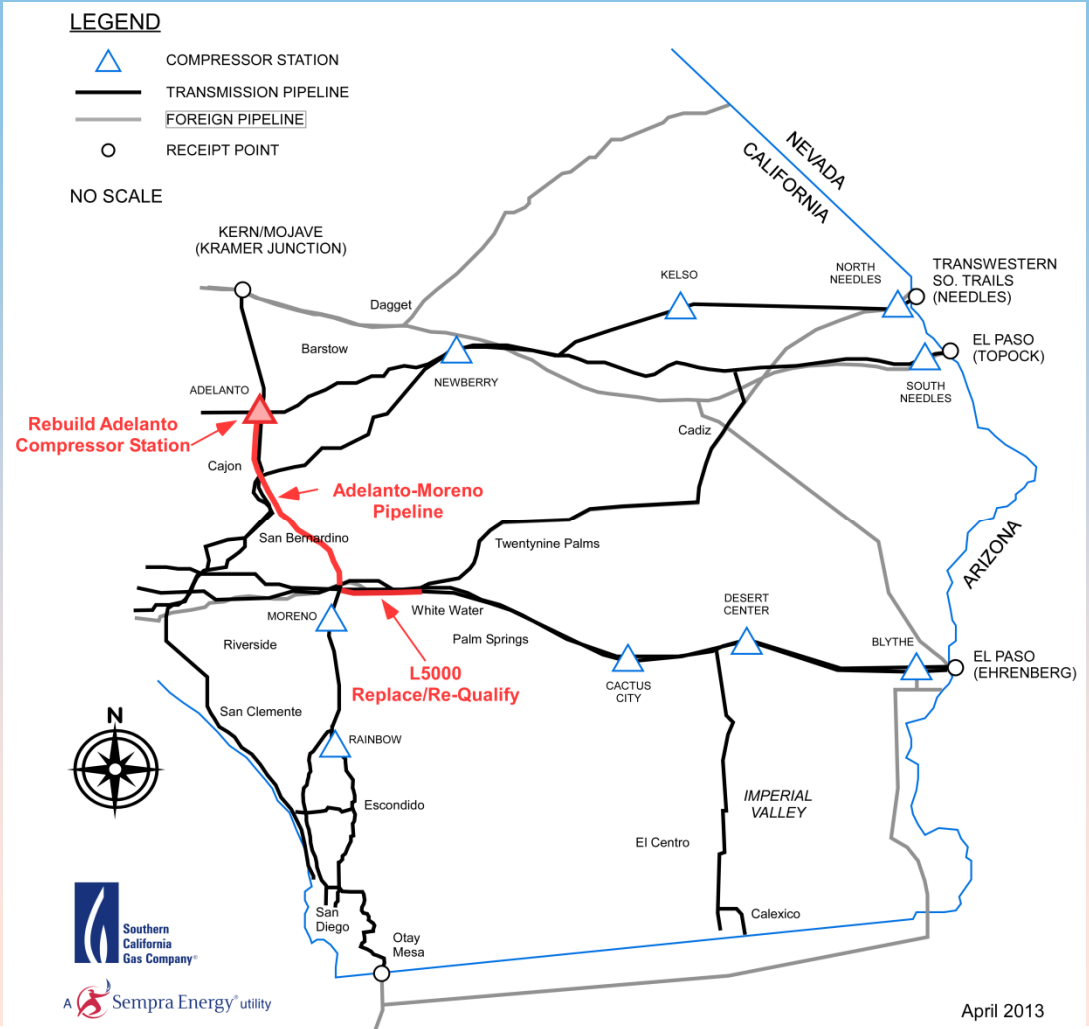
Even when low cost baseload contracts are preferable, the long regulatory process makes them difficult to implement

Long Term Solution for Supply Issues

System Enhancements (pipe, compression)

- 36" Adelanto – Moreno, plus additional compression
- Estimated capital cost >\$500 million*

*Excluding the costs for the improvements needed on the Southern Transmission Zone



Post-Forum Report/Next Steps

- The post-Forum Report will summarize the matters discussed here and will identify action items, tariff changes and procedural modifications that we agree are necessary
 - Will include descriptions of proposals presented by meeting participants
 - Any proposals made that are rejected by SoCalGas will be included in the post-Forum Report
 - A draft post-Forum Report will be issued to the Forum participants for review by May 31 with a revised draft to be issued by June 7
 - If required, Customer Forum meeting participants will be invited to a conference call regarding the revised draft the week of June 17, to seek resolution of any differences
- Post-Forum Report will be filed by July 5, 2013

Southern System Workshops

SoCalGas will file an application concerning the Southern System with a target filing date of 3Q 2013

- Three workshops are scheduled to review proposals with customers and interested parties prior to the filing
- Workshops are tentatively scheduled for these dates:
 - May 20, 2013
 - June 3, 2013
 - June 17, 2013

July 2, 2013

Appendix 3

2013 Post Forum Report on System Reliability Issues

SoCalGas Response to SCGC Data Request No.1

**SOUTHERN CALIFORNIA GAS COMPANY
2013 ANNUAL UTILITY CUSTOMER FORUM
(DATA REQUEST - SCGC May 16, 2013)**

Measure 1: Revise G-BTS to facilitate discounts of firm BTS service on the Southern System:

1. *What does SoCalGas see as being the benefit of offering discounts for firm service in addition to discounts for interruptible service as is done currently?*

SoCalGas believes that if it had the authority to limit alternate receipt point rights to discount firm service, over the last storage year it could have achieved the same or higher level of customer supplies at Ehrenberg with a level of discounting of less than \$8.6 million. In other words, firm plus interruptible discounting may be more efficient than interruptible discounting alone.

For example, assume that the tariff rate is 12 cents and SoCalGas offered interruptible at 6 cents. If on certain days there is an alternative supply at any other point with a 7+ cent advantage over Ehrenberg (absent BTS cost considerations), then that IT supply may not appear on that day. If, on the other hand, a customer purchased firm service at a fixed rate of 6 cents, that rate becomes a sunk cost. This customer will not switch to alternative supplies at other points unless the cost advantage is over 12 cents/dth.

In addition, once there is baseload supply at Ehrenberg for the month, SoCalGas would have a greater potential ability to vary the interruptible discount on an as-needed basis. For example, if there is insufficient supply a discount could be provided for a few days until market conditions make that IT discounting unnecessary for the remainder of the month.

2. *Has SoCalGas attempted to estimate the cost of offering the firm service discounts? Does SoCalGas anticipate that discounts of firm service be more or less costly than discounts of interruptible service?*

See the prior answer. SoCalGas has not done a quantitative study of the potential reductions in total discounting when comparing interruptible discounting versus interruptible plus firm discounting. However, it is our hope and expectation that this new right will lower the overall cost of providing Southern System minimum flows.

3. *How would the discounts be offered? Monthly, like the discounts of interruptible service, seasonally, or something else?*

Current tariffs allow terms for discounted firm contracts for the remaining term of the 3-year G-BTS cycle. SoCalGas is anticipating that it would initially do this discounting on an as-needed, monthly basis.

**SOUTHERN CALIFORNIA GAS COMPANY
2013 ANNUAL UTILITY CUSTOMER FORUM
(DATA REQUEST - SCGC May 16, 2013)**

Measure 2: Revise Rule 30 to limit Southern Zone cuts during OFO events:

1. *How did SoCalGas identify 110% of the minimum flow requirement as being the right percentage? What other percentages did SoCalGas consider, and why were they found to be inferior to 110%?*

SoCalGas has found that confirming Southern Zone nominations down to the Southern System Minimum exposes the System Operator to the risk that Southern Zone receipts will be less than the minimum due to subsequent upstream cuts on the El Paso system. SoCalGas believes that 110% of the minimum flow requirement would provide a reasonable margin to account for this possibility. SoCalGas does not believe that a smaller margin would provide the necessary certainty of Southern System flows. Because we believe that 110% is currently a reasonable margin, we did not analyze greater percentages.

**SOUTHERN CALIFORNIA GAS COMPANY
2013 ANNUAL UTILITY CUSTOMER FORUM
(DATA REQUEST - SCGC May 16, 2013)**

Measure 3: Revise Rule 41 to permit SoCalGas to enter into baseload contracts without filing advice letters like Advice 4399:

1. Please provide a “backcast” of the costs that would have been incurred and booked into the SRMA if the four baseload contracts that were proposed in Advice 4399 had been approved in timely fashion. Please provide your workpapers for the “backcast.”

Dec 2012-Mar 2013 Backcast

	Realized	Baseload	Savings
Spot Purchases	12,050,238	2,995,080	
Base load	0	33,880,000	
Spot Cost	\$4,764,845	\$1,124,242	
Base Load Cost	\$0	\$790,983	
Total Cost	\$4,764,845	\$1,915,225	\$2,849,620



SsrCostDec12Mar31.x
lsx

2. What is SoCalGas’ latest projection of what would be the cost of baseload contracts up to the volume permitted by Resolution G-3477 if SoCalGas entered into contracts for next winter? What is SoCalGas latest projection of what would be the cost of spot purchases if SoCalGas relied on spot purchases instead of baseload contracts?

SoCalGas has not done a formal quantitative projection equivalent to the “backcast” above. Nevertheless, it projects that the net cost of spot gas purchases will be 40 cents/dth (2012/13 data) next winter.

The “net cost” of the baseload contracts should approximately equal the cent/dth markup over border for the Ehrenberg purchases: SoCal border + X cents {purchase price} – (SoCal border + full BTS) {citygate price, resale price} + Ehrenberg BTS charge, which reduces down to a net cost of X cents/dth, assuming no discounting of the Ehrenberg BTS charge. Discounting of the Ehrenberg BTS charge reduces the net cost of the baseload contracts below X cents/dth by approximately the amount of the discount (BTS full – discounted Ehrenberg). Since SoCalGas expects it can obtain baseload supplies at less than SoCalGas border + 8.2 cents and since it expects there will be some level of discounting at Ehrenberg, SoCalGas believes that the net cost of these baseload contracts will be less than 8 cents/dth. The net cost for the SoCalGas border + 8.2 cent contracts turned out to be less than 3 cents/dth during the winter of 2012/13.

**SOUTHERN CALIFORNIA GAS COMPANY
2013 ANNUAL UTILITY CUSTOMER FORUM
(DATA REQUEST - SCGC May 16, 2013)**

Even though SoCalGas might not need the full quantity of baseload supply every day of the December-March period, the price advantage of the baseload supplies would make them more economical than smaller quantities of spot purchase given their higher per-unit net cost.

**SOUTHERN CALIFORNIA GAS COMPANY
2013 ANNUAL UTILITY CUSTOMER FORUM
(DATA REQUEST - SCGC May 16, 2013)**

Measure 4: 60 mile 36-inch Adelanto-Moreno pipeline (\$500 million direct cost, 5 years to construct):

1. *What would be the direct cost of enhancements to Line 5000 to move gas east from Moreno?*

SoCalGas is estimating the loaded cost to enhance Line 5000 to move gas east from Moreno to be \$125 million if all 31.4 miles of the pipeline had to be replaced.

2. *What would be the change in the BTS annual revenue requirement if SoCalGas constructed the Adelanto-Moreno cross-over and the associated enhancements to Line 5000?*

The year 3 revenue requirement for the Adelanto – Moreno project and the East of Moreno project is currently estimated to be \$116 million. The current BTS revenue requirement is \$135 million.

3. *What would be the amount of capacity that SoCalGas would need to acquire on the El Paso South Mainline to assure being able to meet Southern System minimum flow requirements without the crossover?*

Under simulated conditions the Adelanto – Moreno pipeline is able to transport 600-800 MMcfd.

- a) *Would the amount of capacity be seasonally shaped?*

Ideally the capacity commitment would be seasonally shaped. But normally long-term capacity contracts on the El Paso system are base loaded contracts.

- b) *What would be the cost of the capacity, and how would the cost be recovered?*

The current rate for firm service on the El Paso system for Ehrenberg delivery is \$0.4514 per Dth per day. The cost to reserve 700 Mdth per day for Ehrenberg delivery is approximately \$115.3 million per year. This reservation cost does not include the cost to purchase supply on the El Paso system, the variable costs to transport purchased supply on both the El Paso and SoCalGas backbone systems, and the credit for sale at the SoCalGas Citygate.

4. *If the entire minimum flow requirement on the Southern System had to be met by delivering gas to the Southern System from SoCalGas' Northern System, is there enough capacity on the Northern System to receive the incremental volume of gas that would be needed to meet the Southern System minimum flow requirement?*

SoCalGas has enough capacity on the Northern Transmission System to serve a greater than 1-in-10 year cold day on the Southern System if the Adelanto – Moreno pipeline project is constructed. Gas to meet these requirements could be sourced from North and Wheeler Ridge Transmission Zone receipt points and withdrawals from storage. Southern Zone receipt point capacity will still be required to meet annual SoCalGas and SDG&E gas demand, including storage requirements.

**SOUTHERN CALIFORNIA GAS COMPANY
2013 ANNUAL UTILITY CUSTOMER FORUM
(DATA REQUEST - SCGC May 16, 2013)**

- a) *If there would not be enough capacity, what capacity enhancements would be required? What would be the cost for each of the enhancements that would be required?*

SoCalGas/SDG&E have not concluded that there is insufficient capacity in this context. As a point of reference, SoCalGas/SDG&E have identified facility improvements and costs necessary to incrementally expand each of its current receipt points. These results are available online at: <http://socalgas.com/regulatory/documents/GasSystemExpansionStudy2011.pdf>.

July 2, 2013

Appendix 4

2013 Post Forum Report on System Reliability Issues

SoCalGas Response to SCGC Data Request No. 2

Southern California Generation Coalition
June 7, 2013 Data Request to
Southern California Gas Company
Regarding the
2013 ANNUAL UTILITY CUSTOMER FORUM

1.1. With the respect to the workpapers of the backcast calculation provided in response to Measure 3, Question 1 of SoCalGas' Response to SCGC's May 16, 2013 data request, at the tab entitled "Calculations":

1.1.1. Does the table at cells J1:K9 represent the actual recorded amounts by month that SoCalGas paid for the volumes of spot gas purchased less the amounts received for sales of that spot gas?

Yes.

1.1.2. If the answer to the previous question is "no," please explain in detail what the amounts shown in that table refer to.

See 1.1

1.1.3. Please show the calculation of the "transportation cost from Otay Mesa" in terms of tariff applied and the volumes of gas moved and demonstrate that it equals the amount in cell K9.



Transport Costs to
Otay Mesa Jan_13.xl

1.1.4. Are the amounts in the column B, entitled "request," the volumes of gas required by the System Operator to meet southern system flow requirements for a given flow date?

Yes.

Southern California Generation Coalition
June 7, 2013 Data Request to
Southern California Gas Company
Regarding the
2013 ANNUAL UTILITY CUSTOMER FORUM

1.1.5. If the answer to the previous question is “no,” please define what those volumes represent.

See 1.1.4.

1.1.6. Are the amounts in the column C, entitled “spot purchases,” the volumes of gas that were actually purchased by the System Operator to meet southern system flow requirements on a given flow date?

Yes.

1.1.7. If the answer to the previous question is “no,” please define what those volumes represent.

See 1.1.6.

1.1.8. Why are there differences between the values in columns B&C for certain flow dates, for example, rows 14, 34, 38, 46, 47, 51, 56, 57, etc?

In most cases, the values in column B and C differ when gas was cut and deliveries were less than expected.

1.1.9. Why is the value in column G the same for every flow date shown?

Column G shows the volume-weighted average re-sale price over the period in question. Since our analysis only examines cost differentials over this same period, there is no need to differentiate the price on a daily basis.

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1.1.10. Please recalculate the realized cost on a daily basis, using the actual average sale price for the volumes sold each day instead of the average sale price over the entire period in question.

We cannot match individual purchases to sales on a daily basis. Gas acquired for delivery on a given flow date may be purchased on multiple trade dates. The gas can then be sold on different trade dates, in several different transactions, and for delivery on multiple flow dates.

1.1.11. Does the amount in column J represent the flows that would have been expected under the base load contracts had those contracts been approved prior to December 1, 2012?

Yes.

1.1.12. If the answer to the previous question is “no,” please define what those volumes represent.

See 1.1.11

1.1.13. If the answer to the question prior to the previous question is “yes,” please explain why the amount is 280,000 instead of the 255,000 authorized by the Commission in Resolution G-3477?

Using any amount other than 280,000 would be a mistake. Measure 3, Question 1 requests a backcast “of the costs that would have been incurred and booked into the SRMA if the four baseload contracts that were proposed in Advice 4399 had been approved in timely fashion.” Advice letter 4399 requests “approval of four

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baseload contracts with different suppliers for the delivery of 280,000dth/day over the December 2012 through March 2013 period at the El Paso SoCal Ehrenberg delivery point.”

1.1.14. Please modify the calculation to show the correct amount of base load contracts.

The spreadsheet already shows the correct analysis as requested. Substituting an incorrect 255,000 dths for the correct 280,000 dths figure reduces savings from \$2.85 million to \$2.77 million.

1.1.15. Why is no BTS charge shown in the columns J-O that refer to the calculation of the base load contracts?

Adding a BTS charge in columns J-O is unnecessary. The BTS charge shown in column E is added in column O.

1.1.16. Commission Resolution G-3477 specifically refers to payment of BTS charges. Please either demonstrate that the BTS charges have been included in the calculation of costs for the base load contracts or modify the calculation to properly reflect the BTS charges in the calculation of costs for the base load contracts.

The BTS charge shown in column E is added in column O.

1.1.17. Why is the base load price shown in column K the same for every flow date shown in the calculation?

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The price in column K is the average ICE Day Ahead Index for the SoCal Border for the December thru March period plus an 8.2 cents premium.

- 1.1.18. Per G-3477, the base load contracts are stated as being indexed to the price at the California border. Please state the periodicity of the indexing under the contracts, that is, are they indexed on a daily, bid week, or other basis.

The index was the Bidweek price for the Southern California Border published by Natural Gas Intelligence.

- 1.1.19. If the answer to the previous question is “other basis,” please define what the “other basis” is.

See 1.1.18.

- 1.1.20. Please modify the calculations shown on this tab to show the pricing under the authentic terms of the base load contracts, that is, if the answer to the question prior to the previous question is “daily”, show a daily price adjustment, if the answer is “bidweek” show an appropriate bidweek pricing for each applicable day, and if the answer is “other” show a pricing that reflects the “other” definition.



SCGC Data
Request_1.1.20.xlsx

This adjustment reduces the savings of the baseload contracts to \$2.38 million.

Southern California Generation Coalition
June 7, 2013 Data Request to
Southern California Gas Company
Regarding the
2013 ANNUAL UTILITY CUSTOMER FORUM

1.2. With the respect to the workpapers of the backcast calculation provided in response to Measure 3, Question 1 of SoCalGas' Response to SCGC's May 16, 2013 data request, at the tab entitled "SSR Purchases":

1.2.1. Are the prices shown in column J, entitled "purchase price \$/dth," the recorded prices that the System Operator paid for the volumes of gas shown in column E on any given date shown in column D?

No.

1.2.2. If the answer to the previous question is "no," please define what those prices represent.

Column J, entitled "purchase price \$/dth," provides a summary of the prices that the System Operator paid for the volumes of gas shown in column E for delivery during the flow date shown in column D. Gas for delivery on any given flow date may had been purchased during different trade dates and cycles.

1.2.3. Were the different amounts purchased on the same date, for example, the amounts shown in cell E2 that was purchased at the price shown in cell J2 versus the amounts shown in cell E3 that was purchased at the price shown in cell J3, purchased in different cycles or from different vendors?

See 1.2.2.

1.2.4. Does the System Operator typically purchase gas in Cycle 1 or during later Cycles or during some combination of cycles?

The system operator purchase gas in a combination of cycles.

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Southern California Gas Company
Regarding the
2013 ANNUAL UTILITY CUSTOMER FORUM

1.2.5. Please explain why the System Operator purchases spot gas in this manner.

The System Operator purchases gas when it receives a request from Gas Control, and those requests occur in more than one cycle.

1.2.6. Are the prices shown in column O, entitled "Sale Price \$/dth," the actual recorded prices for which the System Operator sold gas on the date shown in column D?

No.

1.2.7. If the answer to the previous question is "no," please define what those prices represent.

Column O provides an estimate of the prices at which the volumes on column N were sold. The prices and volumes don't necessarily correspond to the flow date shown in column D.

1.2.8. Why were different amounts sold on the same date and at different prices, for example, the amounts shown in cell N2 that was sold at the price shown in cell O2 versus the amounts shown in cell N3 that was sold at the price shown in cell O3?

Gas acquired for delivery on a given flow date may be purchased on multiple trade dates. The gas can then be sold on different trade dates, in several different transactions, and for delivery on multiple flow dates.

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1.2.9. Why does the calculation in column M develop a volume average sale price for the entire calculation period 12/1/12 through 3/31/13 instead of calculating a volume average sale price on a daily basis similar to the volume average purchase price calculated in column G?

Calculating a volume average sale price on a daily basis would increase the complexity of the spreadsheet without adding new information. Moreover, such calculation would erroneously suggest that the same gas was purchased and sold on the same trade day.

1.2.10. Please modify the worksheet to show the volume average sale price on a daily basis.



SCGC Data
Request.xlsx

This “modification” still results in \$2.85 million in savings from the baseload contracts.

1.2.11. Please explain why the notes in column N do not always match the volumes shown in the respective cell. For example, the note at N4 refers to the sale of 34,896 while the amount shown in cell N4 is 28,497.

The values differ when gas was cut and deliveries were less than expected.