

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



September 6, 2011

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

Subject: Advice Letter 4257

Dear Ms. Prince:

This letter approves Southern California Gas Company (SoCalGas) Advice Letter 4257 effective August 14, 2011.

With regard to advice letters that are subject to Industry Division disposition, Commission General Order 96-B, Section 7.6.1 states "Notwithstanding a timely protest, the reviewing Industry Division may approve an advice letter that is subject to disposition under this rule and is otherwise proper if the protest either (1) is not made on proper grounds as set forth in General Rule 7.4.2, (2) may be rejected on a technical basis as discussed in this rule, or (3) is clearly erroneous." That section also states, "If the Industry Division rejects an advice letter or grants a protested advice letter, the Industry Division's disposition will state the basis for rejecting the advice letter or the protest."

The August 4, 2011 protest of Advice Letter 4257 by Shell Energy North America (U.S.) is rejected because it is clearly erroneous. Shell Energy contends that SoCalGas should post hourly linepack data on its Electronic Bulletin Board (EBB), and that SoCalGas offers no legitimate reason to reject Shell Energy's request.

Decision (D.) 09-11-006 explicitly did not adopt the request of Shell Energy to post system linepack information on SoCalGas' EBB. It adopted the agreement of the Settlement parties in that Biennial Cost Allocation Proceeding (BCAP) that the level of linepack is not a factor in determining an Operational Flow Order event on the SDG&E/SoCalGas system. D.09-11-006 allowed (but did not require) parties to discuss the issue of the posting of linepack information on the EBB at the Customer Forum.

The Settlement adopted by the Commission in D.09-11-006 required SoCalGas to file a Post-Forum Report by advice letter. The Settlement requires the report to: summarize matters discussed at the Forum; identify any action items, tariff changes, or procedural modifications determined to be necessary by parties, and descriptions of the proposals presented by parties. If a party's proposal is rejected by SoCalGas/San Diego Gas & Electric Company, the post-forum report was required to provide the basis for the rejection of the proposal. Finally, if any party is dissatisfied with the description of its proposal set forth in the Post-Forum Report, the Report

was to include that party's own description of its proposal and comments on the rejection of the proposal.

In its Post-Forum Report submitted with SoCalGas Advice Letter 4257, SoCalGas discussed Shell's reiteration of its request from the 2009 BCAP to post hourly line pack data in Attachment B, Item 2, and explained why it disagrees with Shell's request. SoCalGas also included Shell's statement of position on this topic in Appendix 1 of the report, and further described SoCalGas' own position. No decision was made at the Customer Forum for SoCalGas to include linepack data on its EBB. Therefore, SoCalGas AL is in compliance with D.09-11-006, and no further Commission action is necessary with regard to AL 4257.

Shell Energy is free to continue to request the Commission order such posting of linepack information by SoCalGas in another appropriate proceeding in the future.

Sincerely,



Julie A. Fitch
Director, Energy Division

Cc:
John Leslie, Luce Forward (for Shell Energy)
Sid Newsom, SoCalGas



Rasha Prince
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July 15, 2011

Advice No. 4257
(U 904 G)

Public Utilities Commission of the State of California

Subject: Post-Forum Report in Compliance with the Phase Two Settlement Agreement Reached in the 2009 Biennial Cost Allocation Proceeding (BCAP)

Southern California Gas Company (SoCalGas) hereby submits for filing with the California Public Utilities Commission (Commission) the Post-Forum Report in compliance with the Phase Two Settlement Agreement in the 2009 BCAP.

Purpose

The purpose of this AL is to comply with provisions of SoCalGas' 2009 BCAP Phase Two Settlement Agreement stating that SoCalGas shall file a Post-Forum Report with the Commission by advice letter no later than 60 days after conclusion of the relevant Forum. The Post-Forum Report is included as Attachment B to this AL. The Forum was held on May 17, 2011.

Background

In Decision (D.) 09-11-006, the Commission adopted SoCalGas' 2009 BCAP Phase Two Settlement Agreement¹. Pursuant to D.09-11-006 and SoCalGas Rule No. 41, SoCalGas is required to hold an annual Utility Customer Forum (Forum) each year concerning Operational Flow Orders (OFOs) and Minimum Flow Requirements.² SoCalGas and the Forum participants are required to collaborate in good faith to develop a Post-Forum Report. Each Post-Forum Report shall summarize the matters discussed at the relevant Forum and shall 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 shall include descriptions of the proposals presented by Forum participants.

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.

Annual Report

SoCalGas posted an Annual Report (Report) of system reliability issues on its website (SoCalGas.com) on May 3 addressing the matters described above. A copy of the revised Report is included as Appendix 2 to the Post-Forum Report.

Customer Forum

SoCalGas held its second annual Forum on May 17, 2011. The Forum was held in compliance with Section 19 of Rule No. 41 to provide information to and address the following matters with interested parties:

- i. Review the timing, method, formulas, and all inputs to formulas by which Operational Flow Order (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 as outlined in SoCalGas' May 3 Report to be discussed at the Forum was made available to the meeting participants in the morning prior to the meeting. Specific operational matters highlighted for discussion included: 1) OFO review; 2) pending in-service date of Line 6916; and 3) Minimum Flow Requirements, including the February 3 localized curtailment. SoCalGas did not present any new proposals that would affect any operational issues in the Presentation. A copy of the Presentation is included as Appendix 3 to the Post-Forum Report.

Twenty-Two (22) parties representing large customers and gas marketing companies attended the Forum either in person or via conference call. The relevant issues from the Report were discussed, including the February 3 localized curtailment event, Shell Energy's request for SoCalGas to post linepack data, and questions from the Southern California Generation Coalition (SCGC) concerning: 1) the impact that Rule No. 30 scheduling changes adopted in 2010 had on OFOs issued during the 2011 Forum Report period; and 2) the status of compressor replacements at Aliso Canyon and the expansions at Honor Rancho in the context of mitigating the need for FAR capacity cuts during OFO events.

Requested Tariff Changes

Neither SoCalGas nor any of the other Forum participants presented proposals requiring the development of action items, tariff changes and/or procedural modifications affecting either OFOs or Minimum Flow Requirements. Shell's comments are noted in Appendix 1 of the Post-Forum Report. No tariff changes are being submitted as part of this Post Forum Report for Commission review and approval.

The next Forum will be scheduled for May 2012.

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 August 4, 2011. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is given below.

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

Copies of the protest should also be sent via e-mail to the attention of both Maria Salinas (mas@cpuc.ca.gov) and Honesto Gatchalian (inj@cpuc.ca.gov) of the Energy Division. 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 14, 2011, 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, 2009 BCAP. Due to the volume of the attachments, parties who did not provide email addresses will receive only the advice letter and Attachment A. Please send an email to Tariffs@SoCalGas.com if you need the complete filing, or if you need a hard copy, 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) #: 4257

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: 8/14/11

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

mas@cpuc.ca.gov and jnj@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. 4257

(See Attached Service Lists)

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Attachment B

Advice No. 4257

Southern California Gas Company 2011 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.¹ SoCalGas and the Forum participants are to collaborate in good faith to develop a post-Forum report. Each post-Forum report shall summarize the matters discussed at the relevant Forum and shall 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 shall include descriptions of the proposals presented by Forum participants.

The following represents the post-Forum Report for 2011.

Annual Report

SoCalGas posted an annual report (Annual Report) of system reliability issues on its website (SoCalGas.com) on May 3 addressing the matters described above. A copy of the revised Annual Report is included as Appendix 2 to this post-Forum Report.

Customer Forum

SoCalGas held its 2011 Forum on May 17, 2011. The Forum was held in compliance with Section 19 of Rule No. 41 to provide information on and to address 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;

¹ See SoCalGas Rule No. 41, Section 19.

iv. Review the need for any additional minimum flow requirements on the Utility system beyond then-current defined requirements; and

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 as outlined in SoCalGas' May 3 Annual Report to be discussed at the Forum was made available to the meeting participants on the morning prior to the meeting. Specific operational matters highlighted for discussion included 1) OFO Review; 2) pending in-service date for Line 6916; and 3) Minimum Flow Requirements, including the February 3 localized curtailment. SoCalGas did not present any new proposals that would affect any of the operational issues in the Presentation. A copy of the Presentation is included as Appendix 3 to this post-Forum Report.

Twenty-two parties representing large customers and gas suppliers attended the Forum either in person or via conference call. The relevant issues from the Annual Report were discussed. Also discussed were the: 1) February 3 localized curtailment event; 2) Shell Energy's (Shell) request for SoCalGas to post linepack data; 3) questions from the Southern California Generation Coalition (SCGC) concerning the impact that Rule No. 30 scheduling changes adopted in 2010 had on OFOs issued during the 2011 Forum Report period; and 4) questions from SCGC about the status of compressor replacements at Aliso Canyon and the expansions at Honor Rancho in the context of mitigating the need for FAR capacity cuts during OFO events.

1) February 3 Localized Curtailment

The chain of events leading up to and including the February 3 localized curtailment beginning on January 31 and ending on February 4 were presented to the Forum participants. The relevant information made available at the Forum can be found on pages 16-27 of Appendix 3 to this report.

In summary, beginning January 31 and continuing through February 3, service from the El Paso Natural Gas system to the SoCalGas southern system progressively deteriorated due to upstream customer overpull and producer non-performance caused by low temperatures in the southwestern United States. From January 31–February 4 SoCalGas Gas Control requested the purchase of 1,970 MDth by the Operational Hub to maintain SoCalGas southern system integrity. Of this amount, only 1,045 MDth was successfully purchased through the combined efforts of the Operational Hub and SoCalGas' Gas Acquisition department. On February 3, due to depleted linepack, and the complete lack of incremental supply at either Blythe or Otay Mesa, noncore service from the SoCalGas southern system was curtailed from 3 PM on Thursday, February 3 to 12 PM on Friday, February 4. Service to 19 interruptible and 40 firm SoCalGas customers and 118 interruptible and three firm SDG&E customers was curtailed

for the duration. On February 4, with improving weather, the El Paso system became fully operational, and service to the SoCalGas southern system was fully restored.

2) Linepack Data

Shell reiterated its request from the 2009 BCAP for SoCalGas to post hourly linepack data. Shell contends that the posting of linepack data will increase transparency and thereby provide a benefit to SoCalGas' customers. SoCalGas disagrees.

As SoCalGas has explained, the level of linepack is not a factor that SoCalGas considers when it determines whether or not to call an OFO. Put another way, SoCalGas could have a high level of linepack and not need to call an OFO, and SoCalGas could have a low level of linepack and still need to call an OFO. The way SoCalGas operates its system, there is no correlation between these concepts.

Accordingly, having linepack information available online would provide no benefit to SoCalGas' customers. Instead, by making this information available online could create confusion, since customers might mistakenly assume that there is a relationship between OFO status and linepack levels. Moreover, posting linepack could be counterproductive if marketers or end users take actions based upon linepack levels. For example, if marketers or end users mistakenly believe that a high linepack number signals an imminent OFO, they may sell gas that they would not otherwise sell, and thereby create an effect in the marketplace that could be similar to the effect created by an actual OFO.

For each of these reasons, SoCalGas continues to believe that it would be a mistake to post linepack information.

Shell's statement of position on this topic can be found in Appendix 1 to this report.

3) Revised Scheduling Rule Impact on the Number of OFO Events

SCGC requested SoCalGas to determine if OFO-related rule changes adopted on September 1, 2010, under Advice Letter No. 4139, had any impact on the number of OFOs called during the current Forum Report period. The scheduling changes, made to SoCalGas' Rule Nos. 30 and 41, required the use of "scheduled nominations" instead of "confirmed nominations" to determine an OFO. In the 2010 post-Forum Report on System Reliability Issues dated December 8, 2010, SoCalGas had addressed this question and provided Attachment C – Operational Flow Order (OFO) Calculation for Selected Non-OFO days for the period September - November 2010. During the May 17, 2010 Customer Forum, SoCalGas agreed to provide this same analysis for the period December 2010– May 2011 which is provided as Appendix 4 to this post-Forum Report.

The analysis determined that four Evening Cycle (Cycle 2) OFO events would have been called had the use of Cycle 1 Confirmed Nominations been required and were thus avoided. As shown in Appendix 4, these OFO events would have occurred on April 2, April 23, May 10, and May 13, 2011, had the revision not been adopted.

Shell asserts that the reduction in OFO events achieved with the implementation of the AL 4139 scheduling rule changes shows that numerous unnecessary OFOs were called during the period prior to the September 1, 2010 implementation date. Shell contends that the unnecessary OFOs allegedly instituted by SoCalGas suggest that the protocol itself should be analyzed to ensure that customers are not currently being subjected to additional unnecessary OFOs.

SoCalGas did not call unnecessary OFOs in the past, and SoCalGas does not believe there is need to further examine its OFO protocols at this time. SoCalGas implemented OFOs in full compliance with Commission-approved scheduling procedures in Tariff Rule Nos. 30 and 41 both prior to and after implementation of AL 4139. All OFOs were required and necessary per Rules 30 and 41.

Shell's statement of position on this topic can be found in Appendix 1 to this report.

4) Status of Aliso Canyon Compressor Replacement Project and Capacity Expansions at Honor Rancho

SCGC asked SoCalGas to report on the status of system enhancements planned for Aliso Canyon and Honor Rancho storage facilities that will increase storage injection capacity. SoCalGas reported that the Aliso Canyon compressor replacement CPCN application is awaiting the issuance of a draft environmental impact report by the Commission. SoCalGas also reported that the capacity expansion work in the Honor Rancho facility was underway and on schedule.

Conclusion

SoCalGas believes that there have been no proposals requiring the development of action items, tariff changes, and/or procedural modifications affecting either OFOs or Minimum Flow Requirements. Accordingly, no tariff changes are being submitted in this post-Forum Report for Commission review and approval.

The next Forum will be scheduled for May 2012.

Appendix 1

Below is Shell's position on posting linepack data and revised scheduling rule impact on the number of OFO events.

A. Posting Linepack Data

Shell contends that the posting of linepack data will increase transparency and allow market participants to assess the efficacy of the current OFO protocol, thereby providing a benefit to SoCalGas' customers. Additionally, Shell states that because linepack reflects the current level of pressure on the SoCalGas system, linepack data should be publicly available.

SoCalGas states that, the level of linepack is not a factor that SoCalGas considers when it determines whether or not to call an OFO. In response, Shell states that OFOs are tools used by transmission operators to protect their system from high or low pressure conditions. Linepack information should be available in order for market participants to review how SoCalGas is managing pressure on its system.

It is SoCalGas' position that having linepack information available online would provide no benefit to SoCalGas' customers. SoCalGas states that making this information available online could create confusion, since customers might mistakenly assume that there is a relationship between OFO status and linepack levels.

Conversely, Shell believes that customers can be provided linepack information without creating confusion. Shell argues that SoCalGas can make it clear on its website that linepack information is not indicative of whether an OFO will be instituted. In order to avoid confusion, Shell believes that SoCalGas should provide access to current and historical data on its Envoy website by including the information on the OFO calculation page, under its "Archive" link.

B. Revised Scheduling Rule Impact on the Number of OFO Events

In response to this information, Shell voiced concern that numerous unnecessary OFOs were called during the period prior to this change in protocol. Shell emphasized that the number of unnecessary OFOs historically instituted by SoCalGas suggest that the protocol itself should be analyzed to ensure that customers are not currently being subjected to additional unnecessary OFOs.

Appendix 2

**Annual Report of System Reliability Issues
May 9, 2011 revision**

Appendix 2

Second Annual Report of System Reliability Issues Date of Issue: May 9, 2011 (revised)

I. Introduction

SoCalGas presents its second Annual Report of System Reliability Issues (Report). This Report covers the time period from November 1, 2010, through March 31, 2011. Pursuant to Section 20 of Rule No. 41, this Report:

- identifies the need for new minimum flow requirements;
- identifies potential tools and/or infrastructure improvements that can be used to mitigate new or existing reliability problems (e.g. minimum flow requirements and OFOs); and
- provides information on the following matters:
 - Review of the timing, method, formulas, and all inputs to formulas by which OFO events are triggered;
 - Review of requests for the Operational Hub to acquire additional supplies to meet minimum flow requirements;
 - 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;
 - Review the need for any additional minimum flow requirements on the Utility system beyond then-current defined requirements; and
 - Review potential additional tools to support system operations and potential system improvements to reduce or eliminate the need for any minimum flowing supply requirements.

II. Need for New 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.

III. Potential Tools and/or Infrastructure Improvements for Reliability

A. Potential Tools

SoCalGas has not identified any new potential tools to mitigate the Southern System minimum flow requirement. 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.)

B. Potential Infrastructure Improvements

The following infrastructure improvements could help mitigate the Southern System minimum flow requirement.

1. Line 6916

Late in 2008 SoCalGas acquired the California portion of the Questar Southern Trails pipeline between Essex and Twenty-nine Palms. Together with a previously acquired section of that pipeline between Twenty-nine Palms and Cabazon, SoCalGas began conversion of this line into an interconnection linking SoCalGas' Northern Transmission Zone with the Southern Transmission Zone. This new transmission facility, called Line 6916, consists of 115 miles of 16-inch diameter pipeline capable of transporting up to 80 MMcfd between the two systems when needed operationally, reducing the flowing supply requirement at Blythe on a 1:1 basis.

Final permits were received from the BLM in July 2010 to perform construction required to make Line 6916 operational. SoCalGas expects to have Line 6916 in service during the third quarter of 2011.

2. Northern-Southern System Link

In order to more fully integrate the SoCalGas Northern and Southern Transmission Zones and partially mitigate the need for flowing gas supply requirements on the Southern Transmission Zone SoCalGas would have to construct a 100 mile long 36-inch diameter pipeline interconnect between Adelanto and Moreno Valley. Without additional improvements on the Southern Transmission Zone needed to flow gas supplies east from Moreno Valley, SoCalGas will still require flowing supply delivered at Ehrenberg to meet customer demand in Blythe, the Imperial Valley, and parts of the Coachella Valley.

The fully-loaded cost of this north-south system upgrade is estimated to be \$300 million and would take approximately 5 years to complete. This preliminary cost estimate is based on historical project data. SoCalGas has not performed a detailed specific site or route evaluation for this project in the development of this estimate. Additionally, costs associated with permitting, paving, right-of-way, environmental, gas quality, measurement, regulatory, and land acquisition/development issues; and any unusual construction costs or facility requirements (e.g. freeway, river, or channel crossings) are explicitly excluded from this preliminary cost estimate.

SoCalGas does not plan to pursue this project at this time.

IV. Informational Items

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 available off-system nominations.

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 11 OFO events were called from November 1, 2010 to April 1, 2011. Attachment 1 provides a detailed calculation for each OFO event including calculation of forecasted system capacity in comparison to scheduled quantities.

The normal trigger for OFO events are nominations in excess of system capacity. This typically occurs during weekends and holidays when forecast sendout is lower.

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 November 1, 2010 to April 1, 2011, can be found in Attachment 2.

Per Section 12 of Rule 41 the Operational Hub may ask the Utility Gas Procurement Department to act on a best-efforts basis to provide gas supplies as a provider of last resort. “Provider of last resort” relates to the circumstance in which the Operational Hub has attempted to use all other available tools, has entered the open market for gas commodity purchases, has been unsuccessful in meeting its need to receive a required volume of flowing supplies at a specific location, and system reliability is therefore

jeopardized. Pursuant to Section E(4) of Rule 33, the terms of any resulting transactions are to be posted on Envoy within 72 hours after the conclusion of the transaction. Attachment 3 provides all of 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 November 1, 2010, to April 1, 2011 are provided in Attachment 4.

Prospectively, SoCalGas is looking forward to Line 6916 going into service this year. Depending upon scheduled supplies, operation of this facility could allow the Southern System minimum flow requirements to be reduced by up to 80 MMcfd. SoCalGas plans on continuing to use call options and spot purchases over the next year to meet its minimum flow requirements. Base load purchase agreements will be evaluated for possible use for the next winter season. Base load purchase agreements were not used during the Report period due to the relative expense of prior base load purchase agreements in comparison to available spot level purchases.

D. Need for Any Additional Minimum Flow Requirements

Please see Section II above.

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

Please see Section III above.

Attachment 1

Annual Report of System Reliability Issues

**Operational Flow Order (OFO) Calculation for each OFO event from
November 1, 2010 to April 1, 2011.**

2011 Annual Report

(Attachment 1)

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,621,000	2,621,000	2,647,000	2,647,000
Injection Capacity	269,000	269,000	269,000	290,000
Off-System Nominations	8,000	8,000	8,000	8,000
Net System Capacity:	2,898,000	2,898,000	2,924,000	2,945,000
Latest Scheduled Quantity	2,967,854	2,645,376	2,774,142	2,774,574
Total Unused Capacity:	0	252,624	149,858	170,426
Total Excess Receipts:	(69,854)	0	0	0

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	*PCC-S	*PCC-R	*PCC-Z	*PCC-A
Timely	3,168,133	3,084,961	2,645,376	0	0	0	0	-44,733
Evening	3,096,999	3,069,467	2,774,142	0	0	0	0	-966
Intraday 1	3,073,049	2,924,000	2,774,574	-125,839	0	0	0	0
Intraday 2	3,079,414	2,945,000	2,807,540	-108,303	0	0	0	-9,323

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	2,988,910	2,982,000	2,578,783	0	0	0	0	0	5,904	5,904	5,904	0	0	0	0	0
Evening	2,986,468	2,976,208	2,711,177	0	0	0	0	0	8,352	8,352	8,352	0	0	0	0	0
Intraday 1	2,979,228	2,903,011	2,753,585	-62,526	0	0	0	0	5,980	2,784	2,784	-3,196	0	0	0	0
Intraday 2	2,989,677	2,924,011	2,786,551	-64,278	0	0	0	-1,344	5,980	2,784	2,784	-1,670	0	0	0	-1,526

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	52,772	48,853	41,191	0	0	0	0	0	120,547	48,204	19,498	0	0	0	0	-44,733
Evening	27,356	27,356	23,734	0	0	0	0	0	74,823	57,551	30,879	0	0	0	0	-966
Intraday 1	27,318	7,912	7,912	-19,406	0	0	0	0	60,523	10,293	10,293	-40,711	0	0	0	0
Intraday 2	26,819	7,912	7,912	-6,775	0	0	0	-3,584	56,938	10,293	10,293	-35,580	0	0	0	-2,869

* PCC-C Cuts were due to Storage Field maintenance.

* PCC-A Cuts were due to capacity constraints at the Topock and Needles area.

Maintenance Schedule posted 07/01/10 8:14 AM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Schedule posted 08/04/10 12:41 PM

8	Ventura Station	09-Aug-10	16-Aug-10	Rebuild HP-1	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 08/17/10 2:02 AM

8	Ventura Station	09-Aug-10	24-Sep-10	Rebuild HP-1 and instrumentation upgrades.	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 08/20/10 8:39 AM

8	Ventura Station	9-Aug-10	22-Nov-10	Rebuild HP-1, HP-2 & HP-3 and instrumentation upgrades. One unit at time.	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 09/01/10 1:00 AM

15	Honor Rancho	1-Nov-10	5-Nov-10	Generator Upgrades all units	Loss of 250mmcf/d injection & 1bcf withdrawal	
16	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 engine and compressors	Loss of 50mmcf/d injection	
17	Goleta	29-Nov-10	28-Jan-11	Main units muffler replacements - units #6, #7 & #8	Loss of 45mmcf/d injection	

Maintenance Schedule posted 09/01/10 11:01 AM

14	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Schedule posted 09/21/10

08:27 AM

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Schedule posted 10/07/10

10:49 AM

5	Honor Rancho	1-Oct-10	TBD	OSD B system Upgrade - Inventory Expansion Project	Loss of 500mmcf/d Withdrawal	
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Maintenance Schedule posted 10/25/2010

03:00 PM

6	L235-2	27-Oct-10	10-Nov-10	Force Majeure - anomalies needing repairs - reduction in line pressure required. Line out of service.		Loss of 540mmcf/d at El Paso Topock, Transwestern Topock & Transwestern & Questar at North Needles - total throughput will be reduce to 800mmcf/d
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OFO Calculation - 11/06/2010 Archive Event History Today Tomorrow					Flow Date: 11/06/2010
	Timely	Evening	Intraday 1	Intraday 2	
OFO Declared:	NO	NO	YES	YES	
Forecasted Send Out	2,351,000	2,351,000	2,248,000	2,325,000	
Injection Capacity	495,000	495,000	526,000	526,000	
Off-System Nominations	8,000	8,000	8,000	8,000	
Net System Capacity:	2,854,000	2,854,000	2,782,000	2,859,000	
Latest Scheduled Quantity	2,713,387	2,781,520	2,936,339	2,756,908	
Total Unused Capacity:	140,613	72,480	0	102,092	
Total Excess Receipts:	0	0	(154,339)	0	

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	*PCC-A
Timely	3,092,067	2,967,767	2,781,520	0	0	0	0	-41,873
Evening	3,062,420	3,059,033	2,936,339	0	0	0	0	-3,362
Intraday 1	3,036,020	2,782,000	2,756,908	-250,633	0	0	0	-3,335
Intraday 2	2,999,986	2,859,000	2,771,978	-134,233	0	0	0	0

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	2,893,646	2,885,309	2,703,112	0	0	0	0	0	30,555	5,187	5,187	0	0	0	0	-25,368
Evening	3,002,012	3,001,987	2,887,983	0	0	0	0	0	5,237	1,875	1,875	0	0	0	0	-3,362
Intraday 1	2,975,612	2,765,880	2,740,788	-209,707	0	0	0	0	5,237	625	625	-1,250	0	0	0	-3,335
Intraday 2	2,944,262	2,842,880	2,755,858	-99,188	0	0	0	0	5,237	625	625	-53	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	104,643	30,553	30,553	0	0	0	0	0	63,223	46,718	42,668	0	0	0	0	-16,505
Evening	3,453	3,453	3,453	0	0	0	0	0	51,718	51,718	43,028	0	0	0	0	0
Intraday 1	3,453	1,152	1,152	-2,301	0	0	0	0	51,718	14,343	14,343	-37,375	0	0	0	0
Intraday 2	3,453	1,152	1,152	-2,301	0	0	0	0	47,034	14,343	14,343	-32,691	0	0	0	0

* PCC-C Cuts were due to Storage Field maintenance.

* PCC-A Cuts were due to capacity constraints at the Topock and Needles area.

Maintenance Schedule posted 07/01/10

8:14 AM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Schedule posted 08/04/10

12:41 PM

8	Ventura Station	09-Aug-10	16-Aug-10	Rebuild HP-1	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 08/17/10

2:02 AM

8	Ventura Station	09-Aug-10	24-Sep-10	Rebuild HP-1 and instrumentation upgrades.	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 08/20/10

8:39 AM

8	Ventura Station	9-Aug-10	22-Nov-10	Rebuild HP-1, HP-2 & HP-3 and instrumentation upgrades. One unit at time.	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 09/02/10

1:00 AM

16	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 engine and compressors	Loss of 50mmcf/d injection	
17	Goleta	29-Nov-10	28-Jan-11	Main units muffler replacements - units #6, #7 & #8	Loss of 45mmcf/d injection	

Maintenance Schedule posted 09/02/10

11:01 AM

14	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Schedule posted 09/21/10

08:27 AM

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Schedule posted 10/07/10

10:49 AM

5	Honor Rancho	1-Oct-10	TBD	OSD B system Upgrade - Inventory Expansion Project	Loss of 500mmcf/d Withdrawal	
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Maintenance Schedule posted 10/25/2010

03:00 PM

6	L235-2	27-Oct-10	10-Nov-10	Force Majeure - anomalies needing repairs - reduction in line pressure required. Line out of service.	Loss of 540mmcf/d at El Paso Topock, Transwestern Topock & Transwestern & Questar at North Needles - total throughput will be reduce to 800mmcf/d
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,351,000	2,351,000	2,425,000	2,425,000
Injection Capacity	526,000	526,000	525,000	525,000
Off-System Nominations	8,000	8,000	8,000	8,000
Net System Capacity:	2,885,000	2,885,000	2,958,000	2,958,000
Latest Scheduled Quantity	2,936,339	2,754,285	2,812,590	2,812,376
Total Unused Capacity:	0	130,715	145,410	145,624
Total Excess Receipts:	(51,339)	0	0	0

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	*PCC-A
Timely	3,082,887	2,959,519	2,754,285	0	0	0	0	#####
Evening	3,016,387	3,008,314	2,812,590	0	0	0	0	0
Intraday 1	3,011,387	2,958,000	2,812,376	-53,362	0	0	0	0
Intraday 2	2,974,907	2,958,000	2,802,370	-16,779	0	0	0	0

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	2,980,656	2,942,202	2,739,459	0	0	0	0	0	30,555	6,502	6,502	0	0	0	0	-14,694
Evening	2,961,156	2,960,472	2,783,621	0	0	0	0	0	60	60	60	0	0	0	0	0
Intraday 1	2,956,156	2,948,342	2,802,718	-7,789	0	0	0	0	60	20	20	-40	0	0	0	0
Intraday 2	2,919,676	2,919,592	2,781,732	0	0	0	0	0	60	60	60	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	3,453	3,453	3,453	0	0	0	0	0	68,223	7,362	4,871	0	0	0	0	-11,441
Evening	3,453	3,453	3,453	0	0	0	0	0	51,718	44,329	25,456	0	0	0	0	0
Intraday 1	3,453	1,152	1,152	-2,301	0	0	0	0	51,718	8,486	8,486	-43,232	0	0	0	0
Intraday 2	3,453	3,453	3,453	0	0	0	0	0	51,718	34,895	17,125	-16,779	0	0	0	0

* PCC-C Cuts were due to Storage Field maintenance.

* PCC-A Cuts were due to capacity constraints at the Topock and Needles area.

Maintenance Schedule posted 07/01/10 8:14 AM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Schedule posted 08/04/10 12:41 PM

8	Ventura Station	09-Aug-10	16-Aug-10	Rebuild HP-1	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 08/17/10 2:02 AM

8	Ventura Station	09-Aug-10	24-Sep-10	Rebuild HP-1 and instrumentation upgrades.	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 08/20/10 8:39 AM

8	Ventura Station	9-Aug-10	22-Nov-10	Rebuild HP-1, HP-2 & HP-3 and instrumentation upgrades. One unit at time.	Loss of 30mmcf/d Injection	
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Maintenance Schedule posted 09/02/10 1:00 AM

16	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 engine and compressors	Loss of 50mmcf/d injection	
17	Goleta	29-Nov-10	28-Jan-11	Main units muffler replacements - units #6, #7 & #8	Loss of 45mmcf/d injection	

Maintenance Schedule posted 09/02/10 11:01 AM

14	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Schedule posted 09/21/10 08:27 AM

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Schedule posted 10/07/10 10:49 AM

5	Honor Rancho	1-Oct-10	TBD	OSD B system Upgrade - Inventory Expandsion Project	Loss of 500mmcf/d Withdrawal	
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Maintenance Schedule posted 10/25/2010

03:00 PM

6	L235-2	27-Oct-10	10-Nov-10	Force Majeure - anomalies needing repairs - reduction in line pressure required. Line out of service.	Loss of 540mmcf/d at El Paso Topock, Transwestern Topock & Transwestern & Questar at North Needles - total throughput will be reduce to 800mmcf/d
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,949,000	2,746,000	2,644,000	2,644,000
Injection Capacity	493,000	493,000	493,000	493,000
Off-System Nominations	16,000	16,000	16,000	16,000
Net System Capacity:	3,458,000	3,255,000	3,153,000	3,153,000
Latest Scheduled Quantity	3,142,463	3,194,262	3,169,181	3,094,262
Total Unused Capacity:	315,537	60,738	0	58,738
Total Excess Receipts:	0	0	(16,181)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	*PCC-Z	PCC-A
Timely	3,292,345	3,270,112	3,194,262	0	0	0	-22,233	0
Evening	3,292,345	3,241,112	3,169,181	0	0	0	-51,233	0
Intraday 1	3,273,819	3,153,000	3,094,262	-69,568	0	0	-51,159	0
Intraday 2	3,249,560	3,153,000	3,038,724	-45,327	0	0	-51,233	0

	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	3,019,429	3,019,429	2,962,166	0	0	0	0	0	9,487	9,487	9,486	0	0	0	0	0
Evening	3,019,429	3,019,429	2,966,032	0	0	0	0	0	9,487	9,487	9,486	0	0	0	0	0
Intraday 1	3,039,972	3,039,895	2,981,160	0	0	0	0	0	9,487	9,487	9,486	0	0	0	0	0
Intraday 2	2,993,078	2,993,004	2,911,856	0	0	0	-74	0	9,487	9,487	9,486	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	90,854	73,671	73,669	0	0	0	-17,183	0	172,575	167,525	148,941	0	0	0	-5,050	0
Evening	90,854	44,671	44,669	0	0	0	-46,183	0	172,575	167,525	148,994	0	0	0	-5,050	0
Intraday 1	90,854	44,730	44,728	0	0	0	-46,109	0	133,506	58,888	58,888	-69,568	0	0	-5,050	0
Intraday 2	126,354	80,245	50,817	0	0	0	-46,109	0	120,641	70,264	66,565	-45,327	0	0	-5,050	0

* PCC-C Cuts were due to Storage Field maintenance.

* PCC-Z Cuts were due to over nominations at the Southern Zone.

Maintenance Posting Sep 9, 2010 08:27 AM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
7	South Needles	21-Sep-10	TBD	Unit #6 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmof/d at El Paso & Transwestern Topook

Maintenance Posting Sep 2, 2010 11:01 AM (original)

14	Allco Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmof/d injection	
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Maintenance Posting Nov 1, 2010 10:10 AM (revised original maintenance posting dated Sep2, 2010 11:01 AM)

5	Allco Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 315mmof/d injection	
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Maintenance Posting Jun 30, 2010 06:42 PM

20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmof/d injection	
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Maintenance Posting Nov 10, 2010 02:43 PM

(there are prior postings,e.g., for L-236-2 for 640 loss eff 10/27/10 to 11/10/10)

7	L-3000	10-Nov-10	TBD	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 440mmof/d at El Paso Topook and Transwestern Topook.
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Maintenance Posting Dec 14, 2010 03:58 PM

7	Goleta	14-Dec-10	TBD	Force Majeure - Main unit #2 OOS due to water found in crankcase oil	Loss of 15 mmof/d injection	
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8	Goleta	20-Dec-10	3-Jan-11	Main unit #7 OOS due to overhead crane work	Loss of 15 mmofid injection	
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,385,000	2,461,000	2,461,000	2,461,000
Injection Capacity	461,000	461,000	400,000	400,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	2,855,000	2,931,000	2,870,000	2,870,000
Latest Scheduled Quantity	2,873,575	2,538,267	2,684,116	2,698,954
Total Unused Capacity:	0	392,733	185,884	171,046
Total Excess Receipts:	(18,575)	0	0	0

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	*PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,843,052	2,727,749	2,538,267	0	-654	0	0	0
Evening	2,869,052	2,866,165	2,684,116	0	0	0	0	0
Intraday 1	2,882,336	2,870,000	2,698,954	-11,130	0	0	0	0
Intraday 2	2,905,475	2,870,000	2,727,830	-34,268	0	0	0	0

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-R	PCC-Z	PCC-A	PCC-A
Timely	2,762,079	2,666,066	2,481,147	0	0	0	0	0	17,100	17,100	17,100	0	0	0	0	0
Evening	2,778,879	2,777,655	2,617,649	0	0	0	0	0	17,100	17,100	17,100	0	0	0	0	0
Intraday 1	2,783,302	2,782,102	2,630,830	0	0	0	0	0	17,100	17,100	17,100	0	0	0	0	0
Intraday 2	2,815,339	2,801,914	2,659,774	-12,225	0	0	0	0	17,100	17,100	17,100	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-R	PCC-Z	PCC-A	PCC-A
Timely	8,516	7,628	6,428	0	-654	0	0	0	55,357	36,955	33,592	0	0	0	0	0
Evening	7,716	7,716	7,682	0	0	0	0	0	65,357	63,694	41,685	0	0	0	0	0
Intraday 1	7,716	7,716	7,682	0	0	0	0	0	74,218	63,082	43,342	-11,130	0	0	0	0
Intraday 2	7,716	7,682	7,652	-34	0	0	0	0	65,320	43,304	43,304	-22,009	0	0	0	0

* PCC-S Cuts due to scheduled maintenance at the Topock Sub Zone

* PCC-C Cuts were due to Storage Field maintenance.

Maintenance Posting July 1, 2010 20:03 PM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Posting September 3, 2010 10:40 AM

15	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Posting September 21, 2010 8:27:17 AM (Included in L-3000 Posting re: Log #1)

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Posting November 10, 2010 2:43:08 PM

7	L-3000	10-Nov-10	TBD	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 440mmcf/d at El Paso Topock and Transwestern Topock.
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Revised Maintenance Posting November 22, 2010 09:45:42 PM

5	L-3000	10-Nov-10	5-Jan-11	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 340mmcf/d TOTAL (INCLUDES LOG # 1) at El Paso Topock and Transwestern Topock.
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Revised Maintenance Posting November 22, 2010 01:45:00 PM

8	L-3000	5-Jan-11	TBD	Force Majeure - anomalies repairs to begin (log #5). Preliminary estimates of outage to last three to four months. Return to service date will be updated when known.		Loss of 540mmcf/d TOTAL at El Paso Topock and Transwestern Topock.
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Maintenance Posting January 12, 2011 12:58:49 PM (No Log Number)

	Goleta	24-Jan-11	25-Mar-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Revised Maintenance Posting February 10, 2011 12:03:11 PM (Information not highlighted to reflect change)

6	Goleta	24-Jan-11	4-Apr-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Maintenance Posting March 2, 2011 12:57 PM

7	Blythe	4-Mar-11	5-Mar-11	Force Majeure - Ultrasonic testing of all welds suction and discharge on Unit #1 Caterpillar.		Loss of 160mmcf/d total at Ehrenberg
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Revised Maintenance Posting March 4, 2011 13:11 PM

7	Blythe	5-Mar-11	6-Mar-11	Force Majeure - Ultrasonic testing of all welds suction and discharge on Unit #1 Caterpillar.		Loss of 160mmcf/d total at Ehrenberg
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Maintenance Posting March 6, 2011 3:51 PM

7	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
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Revised Maintenance Posting March 9, 2011 12:51:43 PM

6	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,710,000	2,639,000	2,563,000	2,461,000
Injection Capacity	400,000	400,000	400,000	400,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	3,119,000	3,048,000	2,972,000	2,870,000
Latest Scheduled Quantity	2,819,462	3,034,075	3,065,010	2,857,117
Total Unused Capacity:	299,538	13,925	0	12,883
Total Excess Receipts:	0	0	(93,010)	0

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	*PCC-R	PCC-Z	PCC-A
Timely	3,092,195	3,069,019	3,034,075	0	0	-23,176	0	0
Evening	3,075,607	3,075,607	3,065,010	0	0	0	0	0
Intraday 1	2,929,541	2,904,926	2,857,117	0	0	0	0	0
Intraday 2	2,885,304	2,870,000	2,809,233	-4,241	0	0	0	0

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	2,759,780	2,759,780	2,734,252	0	0	0	0	0	104,606	104,606	102,006	0	0	0	0	0
Evening	2,755,802	2,755,802	2,748,436	0	0	0	0	0	103,259	103,259	103,259	0	0	0	0	0
Intraday 1	2,692,457	2,677,734	2,631,434	0	0	0	0	0	77,629	77,188	77,188	0	0	0	0	0
Intraday 2	2,661,490	2,648,344	2,587,582	-2,687	0	0	0	0	77,188	77,188	77,188	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	107,019	107,019	102,387	0	0	0	0	0	120,790	97,614	95,430	0	0	-23,176	0	0
Evening	104,249	104,249	104,249	0	0	0	0	0	112,297	112,297	109,066	0	0	0	0	0
Intraday 1	89,879	89,012	89,012	0	0	0	0	0	69,576	60,992	59,483	0	0	0	0	0
Intraday 2	87,333	86,924	86,924	0	0	0	0	0	59,293	57,544	57,539	-1,554	0	0	0	0

* PCC-R Cuts were due to over nominations at Receipt Point Kern River - Kramer Junction

* PCC-C Cuts were due to Storage Field maintenance.

Maintenance Posting July 1, 2010 20:03 PM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Posting September 3, 2010 10:40 AM

15	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Posting September 21, 2010 8:27:17 AM

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Posting November 10, 2010 2:43:08 PM

7	L-3000	10-Nov-10	TBD	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 440mmcf/d at El Paso Topock and Transwestern Topock.
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Maintenance Posting January 12, 2011 12:58:49 PM (No Log Number)

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,538,000	2,411,000	2,411,000	2,408,000
Injection Capacity	400,000	400,000	400,000	400,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	2,947,000	2,820,000	2,820,000	2,817,000
Latest Scheduled Quantity	3,065,010	2,709,991	2,736,903	2,733,156
Total Unused Capacity:	0	110,009	83,097	83,844
Total Excess Receipts:	(118,010)	0	0	0

		Total							
		Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely		2,881,371	2,826,501	2,709,991	0	0	0	0	0
Evening		2,888,784	2,855,068	2,736,903	0	0	0	0	0
Intraday 1		2,871,339	2,820,000	2,733,156	-47,012	0	0	0	0
Intraday 2		2,911,448	2,817,000	2,758,935	-92,198	0	0	0	0

		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		2,844,128	2,793,299	2,678,022	0	0	0	0	0	17,100	17,100	17,100	0	0	0	0	0
Evening		2,851,541	2,823,366	2,706,117	0	0	0	0	0	17,100	17,100	17,100	0	0	0	0	0
Intraday 1		2,834,096	2,809,738	2,722,894	-24,358	0	0	0	0	17,100	5,700	5,700	-11,400	0	0	0	0
Intraday 2		2,879,096	2,806,738	2,748,673	-72,358	0	0	0	0	17,100	5,700	5,700	-11,400	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		2,990	2,916	2,916	0	0	0	0	0	17,153	13,186	11,953	0	0	0	0	0
Evening		2,990	1,733	1,733	0	0	0	0	0	17,153	12,869	11,953	0	0	0	0	0
Intraday 1		2,990	577	577	-2,413	0	0	0	0	17,153	3,985	3,985	-8,841	0	0	0	0
Intraday 2		2,990	577	577	-2,413	0	0	0	0	12,262	3,985	3,985	-6,027	0	0	0	0

* PCC-C Cuts were due to Storage Field maintenance.

Maintenance Posting July 1, 2010 20:03 PM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Posting September 3, 2010 10:40 AM

15	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Posting September 21, 2010 8:27:17 AM

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Posting November 10, 2010 2:43:08 PM

7	L-3000	10-Nov-10	TBD	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 440mmcf/d at El Paso Topock and Transwestern Topock.
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Maintenance Posting January 12, 2011 12:58:49 PM (No Log Number)

	Goleta	24-Jan-11	25-Mar-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Maintenance Posting March 6, 2011 3:51 PM

7	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
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Maintenance Posting March 9, 2011 12:51 PM

6	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
7	Playa Del Rey	7-Mar-11	28-Mar-11	Retrofit station injection piping	Loss of 75 mmcf/d injection No additional impact due to current Force Majeure see log #6	

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,335,000	2,332,000	2,251,000	2,381,000
Injection Capacity	400,000	400,000	400,000	400,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	2,744,000	2,741,000	2,660,000	2,790,000
Latest Scheduled Quantity	2,736,903	2,644,158	2,671,137	2,629,879
Total Unused Capacity:	7,097	96,842	0	160,121
Total Excess Receipts:	0	0	(11,137)	0

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	2,763,619	2,763,559	2,644,158	0	0	0	0	0
Evening	2,765,273	2,765,213	2,671,137	0	0	0	0	0
Intraday 1	2,758,652	2,660,000	2,629,879	-67,176	0	0	0	0
Intraday 2	2,738,913	2,738,913	2,641,960	0	0	0	0	0

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	2,713,634	2,713,574	2,614,391	0	0	0	0	0	17,100	17,100	17,100	0	0	0	0	0
Evening	2,715,288	2,715,235	2,641,385	0	0	0	0	0	17,100	17,100	17,100	0	0	0	0	0
Intraday 1	2,708,667	2,650,083	2,619,962	-47,768	0	0	0	0	17,100	5,700	5,700	-11,400	0	0	0	0
Intraday 2	2,688,928	2,688,928	2,613,393	0	0	0	0	0	17,100	17,100	17,100	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	8,109	8,109	8,092	0	0	0	0	0	24,776	24,776	4,575	0	0	0	0	0
Evening	8,109	8,102	8,088	0	0	0	0	0	24,776	24,776	4,564	0	0	0	0	0
Intraday 1	8,109	2,696	2,696	-4,760	0	0	0	0	24,776	1,521	1,521	-3,248	0	0	0	0
Intraday 2	8,109	8,109	8,092	0	0	0	0	0	24,776	24,776	3,375	0	0	0	0	0

* PCC-C Cuts were due to Storage Field maintenance.

Maintenance Posting July 1, 2010 20:03 PM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Posting September 3, 2010 10:40 AM

15	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Posting September 21, 2010 8:27:17 AM

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Posting November 10, 2010 2:43:08 PM

7	L-3000	10-Nov-10	TBD	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 440mmcf/d at El Paso Topock and Transwestern Topock.
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Maintenance Posting January 12, 2011 12:58:49 PM (No Log Number)

	Goleta	24-Jan-11	25-Mar-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Maintenance Posting March 6, 2011 3:51 PM

7	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
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Maintenance Posting March 9, 2011 12:51 PM

6	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
7	Playa Del Rey	7-Mar-11	28-Mar-11	Retrofit station injection piping	Loss of 75 mmcf/d injection No additional impact due to current Force Majeure see log #6	

OFO Calculation - 03/16/2011 Archive Event History Today Tomorrow Flow Date: 03/16/2011				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,586,000	2,586,000	2,538,000	2,487,000
Injection Capacity	552,000	552,000	553,000	553,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	3,147,000	3,147,000	3,100,000	3,049,000
Latest Scheduled Quantity	2,906,200	3,073,748	3,102,991	3,008,879
Total Unused Capacity:	240,800	73,252	0	40,121
Total Excess Receipts:	0	0	(2,991)	0

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	*PCC-S	*PCC-R	PCC-Z	PCC-A
Timely	3,159,190	3,129,449	3,073,748	0	-1,851	-26,472	0	0
Evening	3,159,213	3,129,472	3,102,991	0	-1,851	-27,672	0	0
Intraday 1	3,109,350	3,066,728	3,008,879	0	0	-20,350	0	0
Intraday 2	3,105,777	3,049,000	2,991,699	-55,925	0	0	0	0

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	2,977,400	2,949,739	2,898,863	0	0	-26,461	0	0	17,100	17,100	17,100	0	0	0	0	0
Evening	2,977,423	2,949,762	2,928,100	0	0	-27,661	0	0	17,100	17,100	17,100	0	0	0	0	0
Intraday 1	2,994,873	2,955,880	2,899,494	0	0	-20,350	0	0	17,100	17,100	17,100	0	0	0	0	0
Intraday 2	2,991,300	2,939,656	2,883,757	-51,643	0	0	0	0	17,100	17,100	17,100	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	4,057	4,057	4,057	0	0	0	0	0	160,633	158,553	153,728	0	-1,851	-11	0	0
Evening	4,057	4,057	4,057	0	0	0	0	0	160,633	158,553	153,734	0	-1,851	-11	0	0
Intraday 1	12,476	10,035	10,035	0	0	0	0	0	84,901	83,713	82,250	0	0	0	0	0
Intraday 2	12,476	10,035	10,021	-2,441	0	0	0	0	84,901	82,209	80,821	-1,841	0	0	0	0

* PCC-S Cuts were due to over nominations at the Needles Sub Zone.

* PCC-R Cuts were due to scheduled maintenance at the El Paso-Ehrenberg Receipt Point.

* PCC-C Cuts were due to Storage Field maintenance.

Maintenance Posting July 1, 2010 20:03 PM

Log	FACILITY/LOCATION	Start	THRU	DESCRIPTION	Storage Impact	Interconnect Impact
20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	

Maintenance Posting September 3, 2010 10:40 AM

15	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Maintenance Posting September 21, 2010 8:27:17 AM (Included in L-3000 Posting re: Log #1)

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Posting November 10, 2010 2:43:08 PM

7	L-3000	10-Nov-10	TBD	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 440mmcf/d at El Paso Topock and Transwestern Topock.
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Maintenance Posting January 12, 2011 12:58:49 PM (No Log Number)

	Goleta	24-Jan-11	25-Mar-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Revised Maintenance Posting February 10, 2011 12:03:11 PM (Information not highlighted to reflect change)

6	Goleta	24-Jan-11	4-Apr-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Maintenance Posting March 6, 2011 3:51 PM

7	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
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Revised Maintenance Posting March 9, 2011 12:51:43 PM

6	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
7	Playa Del Rey	7-Mar-11	28-Mar-11	Retrofit station injection piping	Loss of 75 mmcf/d injection No additional impact due to current Force Majeure see log #6	

Maintenance Posting March 14, 2011 08:39:58 AM

8	Blythe	15-Mar-11	17-Mar-11	Replace cylinder head on #1 cat. Realignment of Cat #2. One unit out at a time.		Loss of 160mmcf/d at El Paso Ehrenburg.
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Revised Maintenance Posting March 16, 2011 11:57:38 AM

8	Blythe	15-Mar-11	16-Mar-11	Replace cylinder head on #1 cat. Realignment of Cat #2. One unit out at a time.		Loss of 160mmcf/d at El Paso Ehrenburg.
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,614,000	2,614,000	2,540,000	2,692,000
Injection Capacity	553,000	553,000	553,000	553,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	3,176,000	3,176,000	3,102,000	3,254,000
Latest Scheduled Quantity	3,048,290	3,176,666	3,177,382	3,096,291
Total Unused Capacity:	127,710	0	0	157,709
Total Excess Receipts:	0	(666)	(75,382)	0

Total								
	Nominations	SCG Confirmed	Scheduled	*PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	3,276,775	3,274,964	3,176,666	0	0	0	0	0
Evening	3,256,775	3,222,748	3,177,382	0	0	0	0	0
Intraday 1	3,271,627	3,102,000	3,096,291	-138,335	0	0	0	0
Intraday 2	3,259,768	3,245,275	3,170,471	0	0	0	0	0

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	3,229,919	3,228,108	3,154,190	0	0	0	0	0	356	356	356	0	0	0	0	0
Evening	3,229,919	3,199,360	3,154,285	0	0	0	0	0	356	356	356	0	0	0	0	0
Intraday 1	3,242,255	3,094,299	3,088,590	-117,214	0	0	0	0	2,856	119	119	-2,737	0	0	0	0
Intraday 2	3,233,431	3,219,400	3,155,827	0	0	0	0	0	356	356	356	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	3,409	3,409	3,316	0	0	0	0	0	43,091	43,091	18,804	0	0	0	0	0
Evening	3,409	3,402	3,315	0	0	0	0	0	23,091	19,630	19,426	0	0	0	0	0
Intraday 1	3,425	1,106	1,106	-2,319	0	0	0	0	23,091	6,476	6,476	-16,065	0	0	0	0
Intraday 2	2,641	2,641	2,547	0	0	0	0	0	23,340	22,878	11,741	0	0	0	0	0

* PCC-C Cuts were due to Storage Field maintenance.

Maintenance Posting July 1, 2010 20:03 PM

20	Honor Rancho	1-Nov-10	1-Apr-10	Complete Overhaul of Main unit #5 0 engine and compressors	Loss of 50mmcf/d injection	
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Maintenance Posting September 3, 2010 10:40 AM

15	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units	Loss of 335mmcf/d injection	
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Revised Maintenance Posting March 14, 2011 08:39:58 AM

2	Aliso Canyon	1-Nov-10	1-Apr-11	TDC (Turbine Driven Compressors) major overhauls all three units - NOTE: K27 returned to service 3/14/11 - Increase of 160/d injection.	Loss of 270mmcf/d injection - based on current field pressures.	
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Maintenance Posting September 21, 2010 8:27:17 AM (Included in L-3000 Posting re: Log #1)

7	South Needles	21-Sep-10	TBD	Unit #5 Out of service for head bolt repairs on #2 power cylinder		Loss of 40mmcf/d at El Paso & Transwestern Topock
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Maintenance Posting November 10, 2010 2:43:08 PM

7	L-3000	10-Nov-10	TBD	Force Majeure - anomalies needing repairs - reduction in line pressure required.		Loss of 440mmcf/d at El Paso Topock and Transwestern Topock.
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Maintenance Posting January 12, 2011 12:58:49 PM (No Log Number)

	Goleta	24-Jan-11	25-Mar-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Revised Maintenance Posting February 10, 2011 12:03:11 PM (Information not highlighted to reflect change)

6	Goleta	24-Jan-11	4-Apr-11	Muffler replacements Main unit #'s 6, 7, and 8	Loss of 45mmcf/d injection	
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Maintenance Posting March 6, 2011 3:51 PM

7	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
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Revised Maintenance Posting March 9, 2011 12:51:43 PM

6	Playa Del Rey	4-Mar-11	TBD	Force Majeure - No injection due to building pressure in surface/production casing annulus of well.	Loss of 75 mmcf/d injection	
7	Playa Del Rey	7-Mar-11	28-Mar-11	Retrofit station injection piping	Loss of 75 mmcf/d injection No additional impact due to current Force Majeure see log #6	

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,515,000	2,515,000	2,563,000	2,601,000
Injection Capacity	553,000	553,000	553,000	552,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	3,077,000	3,077,000	3,125,000	3,162,000
Latest Scheduled Quantity	3,177,382	2,980,367	3,077,097	2,997,701
Total Unused Capacity:	0	96,633	47,903	164,299
Total Excess Receipts:	(100,382)	0	0	0

Total								
	Nominations	SCG Confirmed	Scheduled	PCC-C	PCC-S	PCC-R	PCC-Z	PCC-A
Timely	3,236,135	3,138,693	2,980,367	0	0	0	0	0
Evening	3,179,973	3,158,119	3,077,097	0	0	0	0	0
Intraday 1	3,179,973	3,158,119	3,077,097	0	0	0	0	0
Intraday 2	3,139,965	3,139,965	3,046,788	0	0	0	0	0

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	3,147,988	3,074,224	2,947,548	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	3,134,838	3,131,923	3,054,007	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	3,134,838	3,131,923	3,054,007	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	3,100,637	3,100,637	3,029,461	0	0	0	0	0	0	0	0	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	11,682	10,622	1,682	0	0	0	0	0	76,465	53,847	31,137	0	0	0	0	0
Evening	1,682	1,682	1,682	0	0	0	0	0	43,453	24,514	21,408	0	0	0	0	0
Intraday 1	1,682	1,682	1,682	0	0	0	0	0	43,453	24,514	21,408	0	0	0	0	0
Intraday 2	1,682	1,682	1,682	0	0	0	0	0	37,646	37,646	15,645	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/19/2011.

Attachment 2

Annual Report of System Reliability Issues

Requests to the Operational Hub for Additional Supplies to Meet Minimum Flow Requirements

ATTACHMENT 2

To

**May 3, 2011
ANNUAL REPORT OF
SYSTEM RELIABILITY ISSUES**

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

A. Southern System Reliability Request for Gas Day February 1, 2011

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: Feb. 1, 2011

Time of Request: 10:15 a.m. Jan. 31, 2011

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

B. Southern System Reliability Requests for Gas Day February 2, 2011

First 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: Feb. 2, 2011

Time of Request: 7:00 a.m. Feb. 1, 2011

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

Second 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: Feb. 2, 2011

Time of Request: 10:20 a.m. Feb. 1, 2011

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

Third 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: Feb. 2, 2011

Time of Request: 7:20 p.m. Feb 1, 2011

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

B. (cont'd) Southern System Reliability Requests for Gas Day February 2, 2011

Fourth Request

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

Location: Southern System

Quantity Requested: 110,000 Dth

Flow Date(s) Requested: Feb. 2, 2011

Time of Request: 10:30 a.m. Feb 2, 2011

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

Fifth 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: Feb. 2, 2011

Time of Request: 12:30 a.m. Feb 2, 2011

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

C. Southern System Reliability Requests for Gas Day February 3, 2011

First Request

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

Location: Blythe Receipt Point, Southern System

Quantity Requested: 200,000 Dth

Flow Date(s) Requested: Feb. 3, 2011

Time of Request: 5:20 a.m. Feb. 2, 2011

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

Second Request

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

Location: Blythe Receipt Point, Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: Feb. 3, 2011

Time of Request: 10:20 a.m. Feb. 2, 2011

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

Third Request

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

Location: Southern System

D. Southern System Reliability Requests for Gas Day February 4, 2011

First 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: Feb. 4, 2011

Time of Request: 8:00 p.m. Feb. 2, 2011

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

Second 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: Feb. 4, 2011

Time of Request: 2:05 a.m. Feb. 3, 2011

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

Third Request

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

Location: Southern System

Attachment 3

Annual Report of System Reliability Issues

**Requests from the Operational Hub for Additional Supplies to Meet
Minimum Flow Requirements to Utility Gas Procurement Department**

ATTACHMENT 3

To

May 3, 2011

**ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

**UTILITY GAS PROCUREMENT
DEPARTMENT SYSTEM
RELIABILITY TRANSACTIONS**

A. FEBRUARY 2, 2011 TRANSACTIONS

Southern System Reliability Transaction Posting for February 2, 2011

Purpose: SoCalGas' Operational Hub requested Gas Acquisition to acquire gas supplies as the "provider of last resort" per SoCalGas Tariff Rule No. 41, paragraph 12 to ensure system reliability.

Transaction 1

Price: \$5.20 per Dth plus 3% fuel

Quantity: 10,000 Dth

Flow Date: Feb. 2, 2011

Delivery Receipt Point: Blythe Delivery Receipt Point

Special Terms: None

Transaction 2

Price: \$5.60 per Dth plus 3% fuel

Quantity: 20,000 Dth

Flow Date: Feb. 2, 2011

Delivery Receipt Point: Blythe Delivery Receipt Point

Special Terms: None

B. FEBRUARY 3, 2011 TRANSACTIONS

Southern System Reliability Transaction Posting for February 3, 2011

Purpose: SoCalGas' Operational Hub requested Gas Acquisition to acquire gas supplies as the "provider of last resort" per SoCalGas Tariff Rule No. 41, paragraph 12 to ensure system reliability.

Price: \$7.12 per Dth

Quantity: 22,972 Dth

Flow Date: Feb. 3, 2011

Delivery Receipt Point: Blythe Delivery Receipt Point

Special Terms: None

Revised February 9, 2011

Southern System Reliability Transaction Posting for February 3, 2011

Purpose: SoCalGas' Operational Hub requested Gas Acquisition to acquire gas supplies as the "provider of last resort" per SoCalGas Tariff Rule No. 41, paragraph 12 to ensure system reliability.

Transaction 1

Price: \$6.54 per Dth plus transportation and fuel

Quantity: Approximately 67,000 Dth of aggregate deliveries, which included approximately 42,000 Dth of net incremental supply purchased by Gas Acquisition on behalf of the Operational Hub, and approximately 25,000 Dth of core supplies redirected to Blythe through matching sales and purchase transactions.

Flow Date: Feb. 3, 2011

Delivery Receipt Point: Blythe Delivery Receipt Point

Special Terms: Under this transaction an aggregate quantity of approximately 67,000 Dth less fuel was delivered to the SoCalGas system at Blythe. To facilitate a portion of these deliveries, Gas Acquisition sold approximately 25,000 Dth of core supplies with delivery locations other than Blythe and acquired a matching amount of gas supplies with delivery to the Blythe receipt point. Gas Acquisition retained approximately 25,000 Dth for the core portfolio with the remainder being transferred to the Operational Hub.

Transaction 2

Price: Transportation and fuel

Quantity: Approximately 52,000 Dth

Flow Date: Feb. 3, 2011

Delivery Receipt Point: Blythe Delivery Receipt Point

Special Terms: Under this transaction Gas Acquisition redirected the delivery of core portfolio supply to Blythe from other system receipt points. The Operational Hub will be charged the incremental transportation and fuel costs incurred by Gas Acquisition to redirect the deliveries. Delivered quantities will be retained by Gas Acquisition in the core portfolio.

Second Revision - Revised May 2, 2011

Southern System Reliability Transaction Posting for February 3, 2011

Purpose: SoCalGas' Operational Hub requested Gas Acquisition to acquire gas supplies as the "provider of last resort" per SoCalGas Tariff Rule No. 41, paragraph 12 to ensure system reliability. Revised due to reallocations done during March 2011.

Transaction 1

Price: \$6.56 per Dth plus transportation and fuel

Quantity: Approximately 41,000 Dth of net incremental supply purchased by Gas Acquisition on behalf of the Operational Hub, in order to flow 67,000 Dth to Blythe through matching sales and purchase transactions.

Flow Date: Feb. 3, 2011

Delivery Receipt Point: Blythe Delivery Receipt Point

Special Terms: Under this transaction an aggregate quantity of approximately 67,000 Dth less fuel was nominated for delivery to the SoCalGas system at Blythe. To facilitate a portion of these deliveries, Gas Acquisition sold approximately 26,000 Dth of core supplies with delivery locations other than Blythe and acquired a matching amount of gas supplies with delivery to the Blythe receipt point.

Transaction 2

Price: Transportation and fuel

Quantity: Approximately 28,000 Dth

Flow Date: Feb. 3, 2011

Delivery Receipt Point: Blythe Delivery Receipt Point

Special Terms: Under this transaction Gas Acquisition redirected the delivery of core portfolio supply to Blythe from other system receipt points. The Operational Hub will be charged the incremental transportation and fuel costs incurred by Gas Acquisition to redirect the deliveries. Delivered quantities will be retained by Gas Acquisition in the core portfolio.

Attachment 4

Annual Report of System Reliability Issues

Operational Hub Transactions to Meet Minimum Flow Requirements

Southern Systems Minimum Flow Purchase/Sale

Notification Minimum Flow			TC#	PURCHASE					TC#	SALE					Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	Confidential	Amt (Dths)	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Co. Name (Confidential)	Confidential	Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	

February Activity

1	1/31/11	2/1/11	130,000		35,000	\$4.70	within Sec 13	\$164,500			10,000	2/2/11	\$4.38	within Sec 13	\$43,800	
		2/1/11			95,000	\$4.68	within Sec 13	\$444,600			6,700	2/2/11	\$4.37	within Sec 13	\$29,279	
					-1,039	\$4.68	shortfall	-\$4,863			54,000	2/2/11	\$4.37	within Sec 13	\$235,980	
											59,300	2/2/11	\$4.38	within Sec 13	\$259,734	
2	2/1/11	2/2/11	150,000		10,000	\$4.61	within Sec 13	\$46,100			5,000	2/2/11	\$4.38	within Sec 13	\$21,900	
					15,000	\$4.67	within Sec 13	\$70,050			10,000	2/2/11	\$4.38	within Sec 13	\$43,800	
					6,100	\$4.61	within Sec 13	\$28,121			30,000	2/2/11	\$4.39	within Sec 13	\$131,700	
					10,000	\$4.65	within Sec 13	\$46,500			45,000	2/3/11	\$4.4825	within Sec 13	\$201,713	
					-847	\$4.61	shortfall	-\$3,905			20,000	2/3/11	\$4.4850	within Sec 13	\$89,700	
					30,000	\$4.88	within Sec 13	\$146,400			37,500	2/3/11	\$4.4850	within Sec 13	\$168,188	
					78,900	\$4.88	within Sec 13	\$385,032			2,500	2/3/11	\$4.4850	within Sec 13	\$11,213	
					-8,312	\$4.88	shortfall	-\$40,563								
3	2/1/11	2/2/11	40,000		23,900	\$5.10	within Sec 13	\$121,890			90,000	2/4/11	\$4.4600	within Sec 13	\$401,400	
4	2/2/11	2/2/11	60,000		25,000	\$4.9950	within Sec 13	\$124,875			20,000	2/4/11	\$4.52	within Sec 13	\$90,400	
					-4,473	\$4.995	shortfall	-\$22,343			10,000	2/4/11	\$4.50	within Sec 13	\$45,000	
					2,029	\$6.00	within Sec 14	\$12,174			9,300	2/4/11	\$4.48	within Sec 13	\$41,664	
7	2/2/11	2/2/11	110,000		80,000	\$8.50	within Sec 14	\$680,000			85,000	2/4/11	\$4.46	within Sec 13	\$379,100	
8	2/2/11	2/2/11	100,000		100,000	\$15.00	within Sec 14	\$1,500,000			35,000	2/4/11	\$4.46	within Sec 13	\$156,100	
											10,000	2/4/11	\$4.4600	within Sec 13	\$44,600	
5	2/2/11	2/3/11	200,000		20,000	\$6.10	within Sec 13	\$122,000			12,300	2/4/11	\$4.465	within Sec 13	\$54,920	
					-9,999	\$6.10	shortfall	-\$60,994								
					30,000	\$6.00	within Sec 13	\$180,000			180,000	2/5/11	\$4.2925	within Sec 13	\$772,650	
					-12,267	\$6.00	shortfall	-\$73,602			15,000	2/5/11	\$4.2925	within Sec 13	\$64,388	
					100,000	\$5.99	within Sec 13	\$599,000								
					-7,144	\$5.99	shortfall	-\$42,793			10,000	2/8/11	\$4.1925	within Sec 13	\$41,925	
					50,000	\$5.681	within Sec 13	\$284,050			5,000	2/8/11	\$4.1925	within Sec 13	\$20,963	
					-17,567	\$5.681	shortfall	-\$99,798			15,000	2/8/11	\$4.1925	within Sec 13	\$62,888	
6	2/2/11	2/3/11	50,000		25,000	\$4.9950	within Sec 13	\$124,875			80,000	2/8/11	\$4.1900	within Sec 13	\$335,200	
					-22,834	\$4.995	shortfall	-\$114,056			20,000	2/8/11	\$4.20	within Sec 13	\$84,000	
7	2/2/11	2/3/11	100,000		20,000	\$12.50	within Sec 14	\$250,000			20,000	2/8/11	\$4.1900	within Sec 13	\$83,800	
					-4,741	\$12.50	shortfall	-\$59,263			10,000	2/8/11	\$4.20	within Sec 13	\$42,000	
8	2/3/11	2/3/11	100,000		100,000	\$12.75	within Sec 14	\$1,275,000			20,000	2/8/11	\$4.20	within Sec 13	\$84,000	
					-6,962	\$12.75	shortfall	-\$88,766			10,000	2/8/11	\$4.18	within Sec 13	\$41,800	
			120,000		24,200	\$11.75	within Sec 14	\$284,350			9,992	2/8/11	\$4.19	within Sec 13	\$41,866	

Date notified	Flow Date	Amt needed (Dths)	Confidential	Amt (Dths)	Purchase Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Co. Name (Confidential)	Confidential	Amt (Dths)	Flow Date	Sale Price \$/dth	Rule 41 Limit \$/dth	\$Amt	Co. Name (Confidential)	Net \$ \$Purchase minus \$Sale
				-6,999	\$11.75	shortfall	-\$82,238			10,000	2/8/11	\$4.21	within Sec 13	\$42,100		
10	2/3/11	2/3/11	160,000	34,264	\$12.95	within Sec 14	\$443,719									
				-25,860	\$12.95	shortfall	-\$334,887									
				9,435	\$13.00	within Sec 14	\$122,655									
				-3,916	\$13.00	shortfall	-\$50,908									
		200,000		25,000	\$13.00	within Sec 14	\$325,000									
				-24,192	\$13.00	shortfall	-\$314,496									
		70,000		70,472	\$6.2831	n/a?	\$442,780									
9	2/2/11	2/4/11	175,000	50,000	\$6.8993	within Sec 13	\$344,965			20,000	2/10/11	\$4.06	within Sec 13	\$81,200		
				-8,938	\$6.8993	shortfall	-\$61,666			22,000	2/10/11	\$4.07	within Sec 13	\$89,540		
				65,000	\$7.4866	within Sec 13	\$486,629			38,587	2/10/11	\$4.07	within Sec 13	\$157,049		
				-12,518	\$7.4866	shortfall	-\$93,717									
				10,000	\$7.20	within Sec 13	\$72,000			6,224	2/24/11	\$3.930	within Sec 13	\$24,460		
				-4,644	\$7.20	shortfall	-\$33,437									
				50,000	\$7.00	within Sec 13	\$350,000			792	3/3/11	\$3.815	within Sec 13	\$3,021		
				-20,750	\$7.00	shortfall	-\$145,250									
11	2/3/11	2/4/11	175,000	13,000	\$7.50	within Sec 13	\$97,500			472	4/1/11	\$4.18	within Sec 13	\$1,973		
				-8,900	\$7.50	shortfall	-\$66,750									
				15,000	\$9.25	within Sec 14	\$138,750									
				-13,658	\$9.25	shortfall	-\$126,337									
				20,000	\$9.25	within Sec 14	\$185,000									
				-20,000	\$9.25	shortfall	-\$185,000									
				5,000	\$9.00	within Sec 14	\$45,000									
				-3,035	\$9.00	shortfall	-\$27,315									
12	2/4/11	2/4/11	100,000	5,000	\$9.00	within Sec 14	\$45,000									
			makeup 2/3 shortfall ==>	6,962	\$12.75	within Sec 14	\$88,766									
				20,000	\$9.00	within Sec 14	\$180,000									
				15,000	\$10.00	within Sec 14	\$150,000									

Subtotal February Activity	2,040,000	1,044,667	\$8,274,337	1,044,667	\$4,525,012	\$3,749,325
shortfall delivered ==>	995,333	0	<== shortfall (Purchase - Sales)			
Total February Activity		1,044,667	\$8,274,337	1,044,667	\$4,525,012	\$3,749,325
FAR Charges: Spot purchases = G-RPA	\$0.03802		\$39,718			
Total February 2011 Activity including FAR charges ==>			\$8,314,055		\$4,525,012	\$3,789,043
(note that FAR rate for 2011 = \$0.03802)						

Appendix 3

**PowerPoint Presentation for SoCalGas Utility Customer Forum
on
May 17, 2011**



SoCalGas Utility Customer

May 17, 2011

Agenda

- Overview
- OFO Review
- Additional Minimum Flow Requirements
- Additional Tools/System Improvements
- Minimum Flow Requirements including February 3rd Localized Curtailment
- Post-Forum Report
- Next Steps

Overview

- SoCalGas is required to hold a Utility Customer Forum (Forum) each year
- The purpose of the Forum is to address OFOs and the buying and selling of gas to meet minimum flow requirements.
- An Annual Report of System Reliability Issues was posted on May 3rd for your review.

Overview

- We are here to respond to any questions you may have regarding our presentation of OFOs, minimum flow requirements, and transactions to meet minimum flow requirements; and to consider your proposals with the other Forum participants on these matters.
- As a follow-up to this meeting SoCalGas is required to file a post-Forum Report no later than 60 days (July 15, 2011) from today's Forum.

OFO Review

The Report provided:

- A brief review of the OFO process
- Detailed calculations for each of the 11 OFO events called from November 1, 2010 (date of last Forum report) through April 1, 2011

Description of OFO Calc

Description of OFO Calculation

Cycle	Scheduled Quantity Used for OFO Calculation
Timely	<i>Prior Day, Evening Cycle</i>
Evening	Current Day, Timely Cycle
Intraday 1	Current Day, Evening Cycle
Intraday 2	Current Day, Intraday 1 Cycle

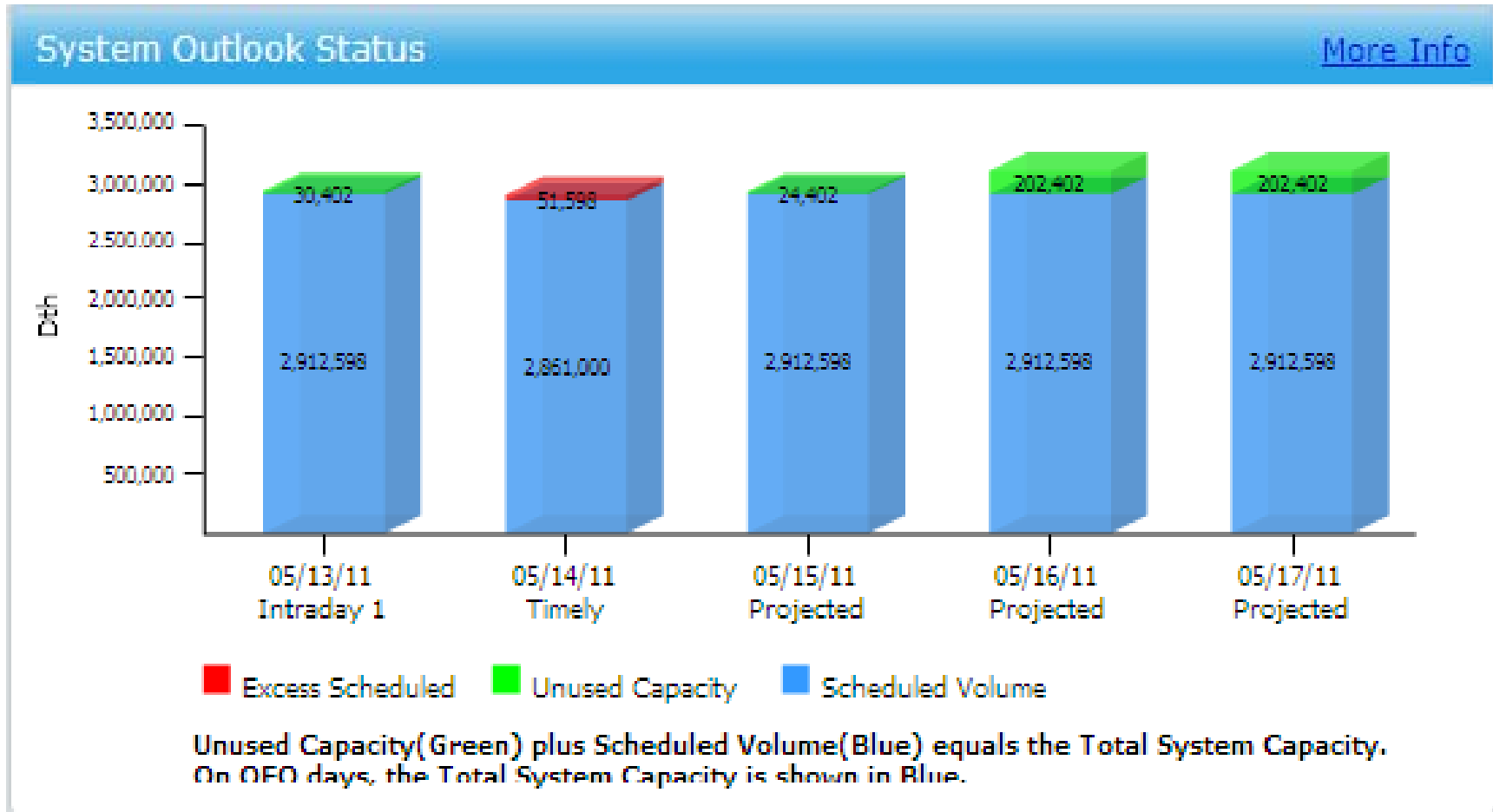
An OFO is declared when SoCalGas determines that the expected total transportation delivery quantities for a specific gas flow day exceeds its total forecasted system capacity (including storage) on that flow day. SoCalGas uses the scheduled volumes from the latest nomination cycle to determine excess system deliveries for the OFO calculation.

On OFO days, SoCalGas will only confirm nominations up to the total system capacity for Intraday 1 (Cycle 3) and Intraday 2 (Cycle 4).

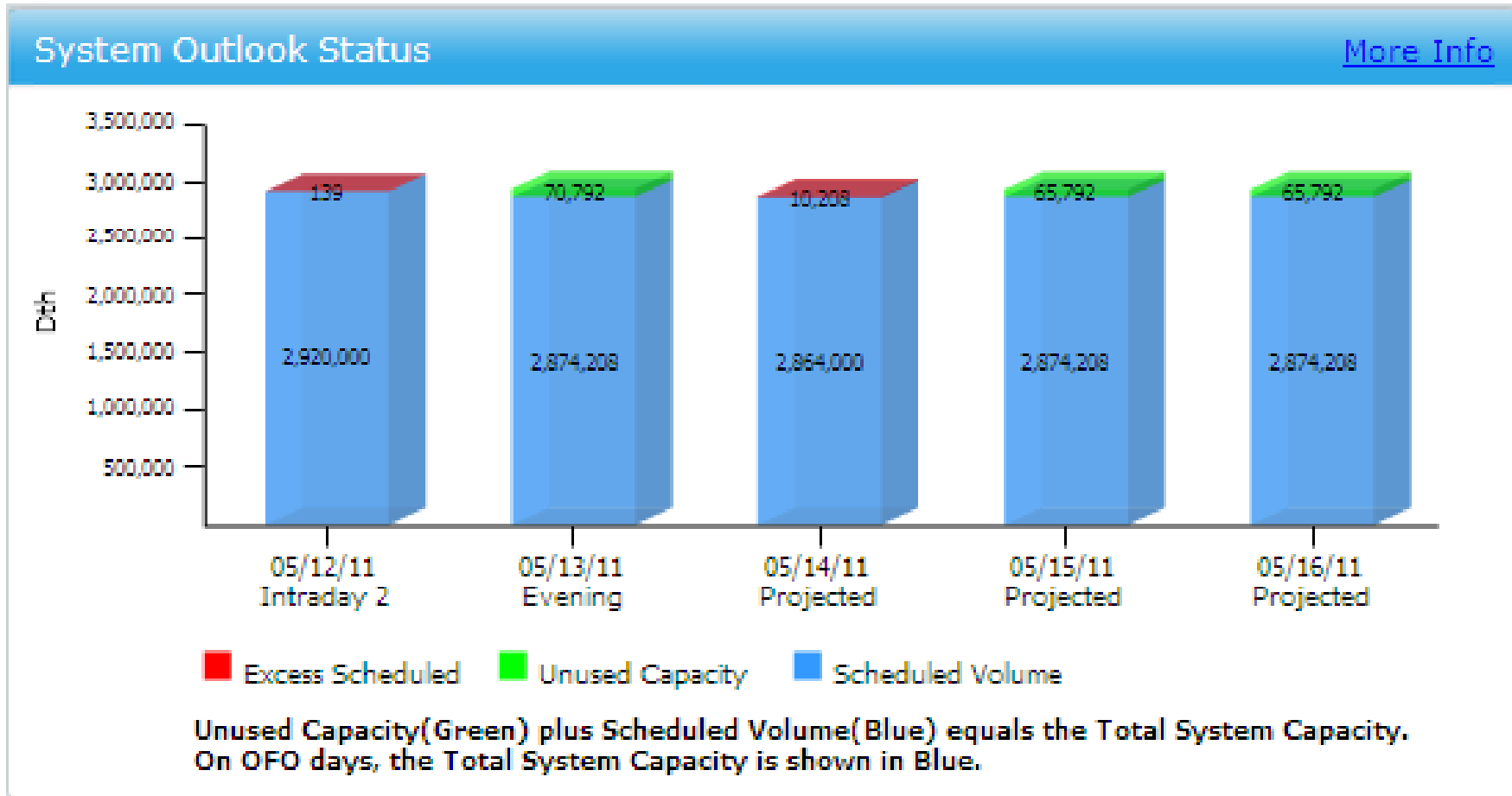
SoCalGas will not declare an OFO on Intraday 2 (Cycle 4), but will limit confirmations to the total system capacity as it does on all other days.





System Outlook Status



OFO Projected for 5/14



OFO Calculation

Search				
Flow Date: <input type="text" value="03/18/2011"/>  				
OFO Calculations - 03/18/2011		Archive Event History Today Tomorrow		
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,614,000	2,614,000	2,540,000	2,692,000
Injection Capacity	553,000	553,000	553,000	553,000
Off-System Nominations	9,000	9,000	9,000	9,000
Net System Capacity:	3,176,000	3,176,000	3,102,000	3,254,000
Latest Scheduled Quantity	3,048,290	3,176,666	3,177,382	3,096,291
Total Unused Capacity:	127,710	0	0	157,709
Total Excess Receipts:	0	(666)	(75,382)	0



OFO Event History

OFO Event History

[OFO Calculation](#)

2011	2010	2009	2008	2007	2006	2005
March 5	March 19	January 22	March 13	February 18	April 15	April 22
March 10	March 20	January 23	March 15	March 8	April 16	April 23
March 11	March 21	January 24	March 16	March 9	May 13	May 7
March 12	March 23	January 25	March 20	March 10	May 14	May 8
March 16	March 24	January 26	March 21	March 11	May 24	May 14
March 18	March 25	April 17	March 23	March 17	May 25	May 15
March 19	March 26	April 25	March 25	March 18	May 26	May 19
April 6	March 27	May 17	March 28	March 19	May 27	May 20
April 24	March 28	May 23	May 3	March 20	May 28	May 21
May 7	March 29	May 24	May 4	March 21	May 29	May 28
May 11	March 30	May 25	May 7	March 22	May 30	May 29
May 14	March 31	May 27	May 8	March 23	May 31	May 30
	April 3	June 6	May 10	March 24	June 1	June 4
	April 4	September 6	May 11	March 25	June 2	June 5



OFO Comparison

SoCalGas OFO Events	2009		2010		2011
	Jan-Aug	Sep-Dec	Jan-Aug	*Sep-Dec	Jan-MTD May**
Cycle 1	5	4	26	4	6
Cycle 2	7	12	16	0	2
Cycle 3	1	0	3	2	4
	13	16	45	6	12

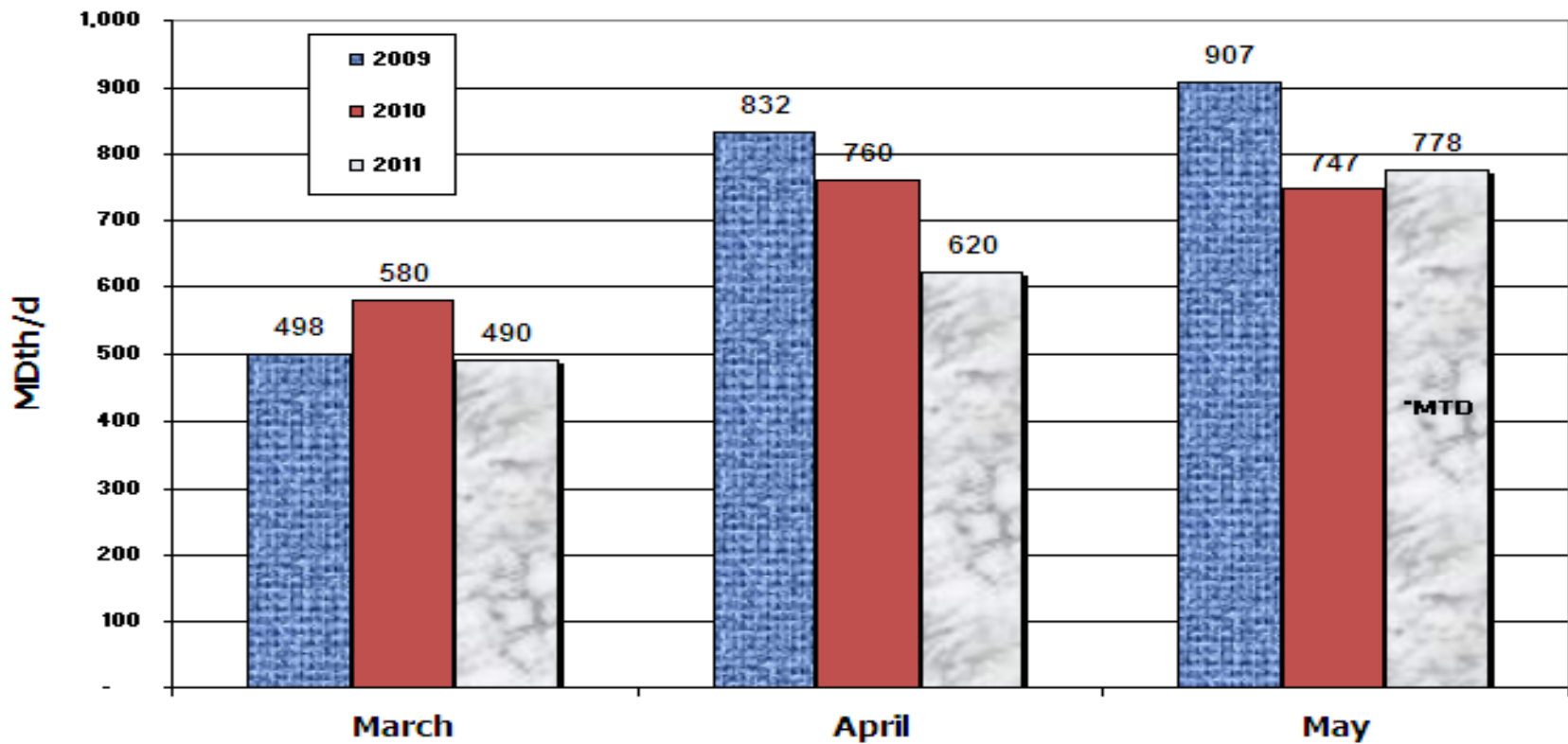
* OFO Procedure Revision per AL 4139 (effective 9/1/10)

**MTD May 14th



Injection Capacity

Average Posted Injection Capacity (Cycle 4)



MTD thru 5/12/11



Additional Minimum Flows/ Potential Tools/System Improvements

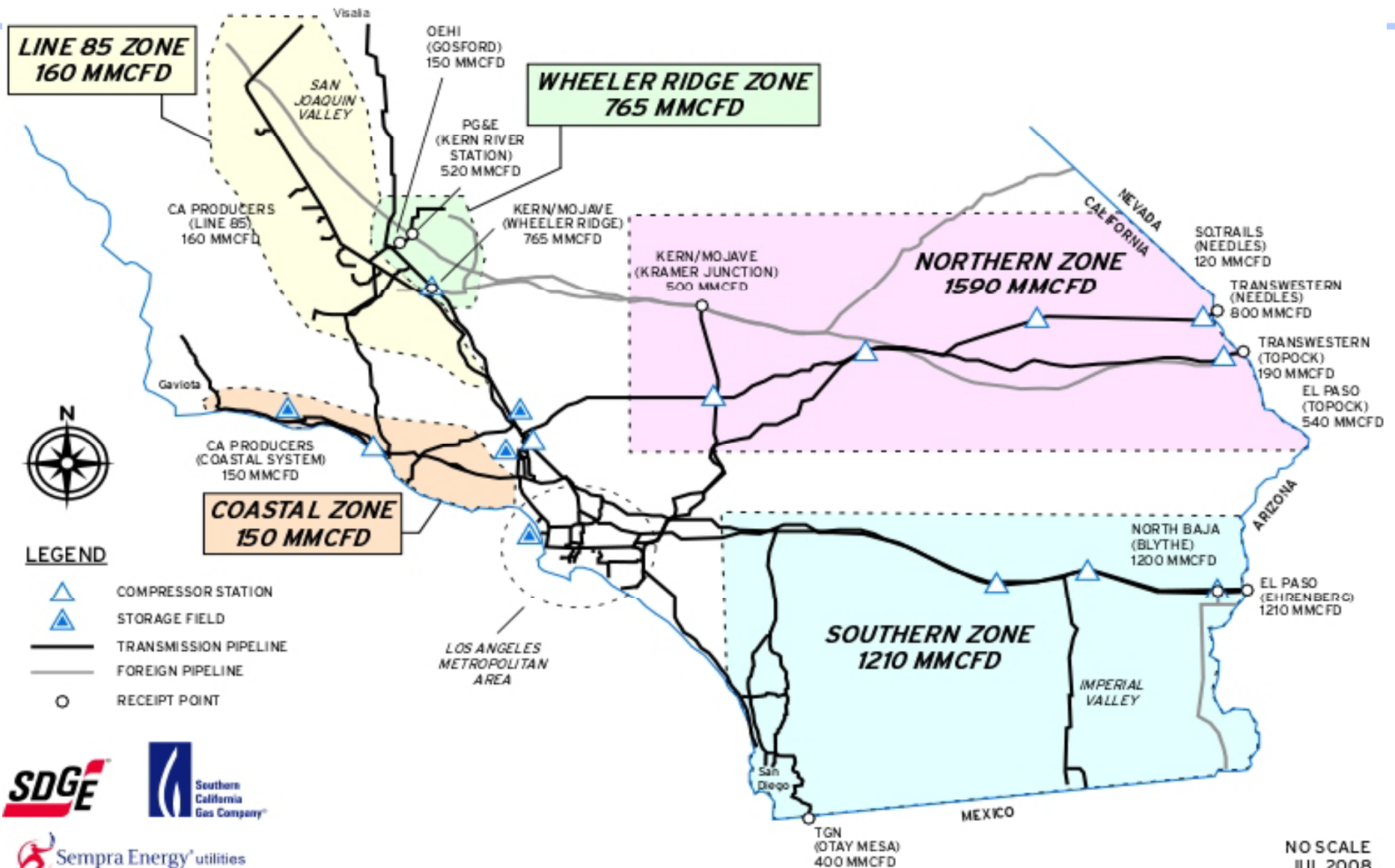
The Report identified:

- No need for any new minimum flow requirements elsewhere on system.
- No new potential tools to mitigate existing Southern System minimum flow condition
- A pending infrastructure improvement (Line 6916) that will partially mitigate existing Southern System minimum flow condition.

Minimum Flow Requirements

- The only period that purchases were required to maintain minimum flow requirements on the SoCalGas Southern System was during the week of January 31 – February 4.
- The following slides summarize the conditions encountered by SoCalGas for that week on a day-by-day basis and our response to those conditions including a localized curtailment on February 3.

RECEIPT POINT & TRANSMISSION ZONE FIRM CAPACITIES



January 31, 2011 – 1st request for southern system support

- East of California experienced severe weather, causing high demand and well freeze offs
- Weather in Southern CA was cold, but not extreme
- Southern System Receipts were below the forecasted Southern System Minimum
- First request was made to the Hub for Southern System Reliability (SSR) supplies for 130,000 Dth for February 1 flow date

February 1, 2011 – conditions deteriorate

- El Paso posted that they were experiencing low operating pressures as a result of significant supply shortfalls and high market demand
- Scheduled receipts dropped to a historical low
- Gas Control utilized line pack to maintain the southern system and storage to hold up the rest of the system

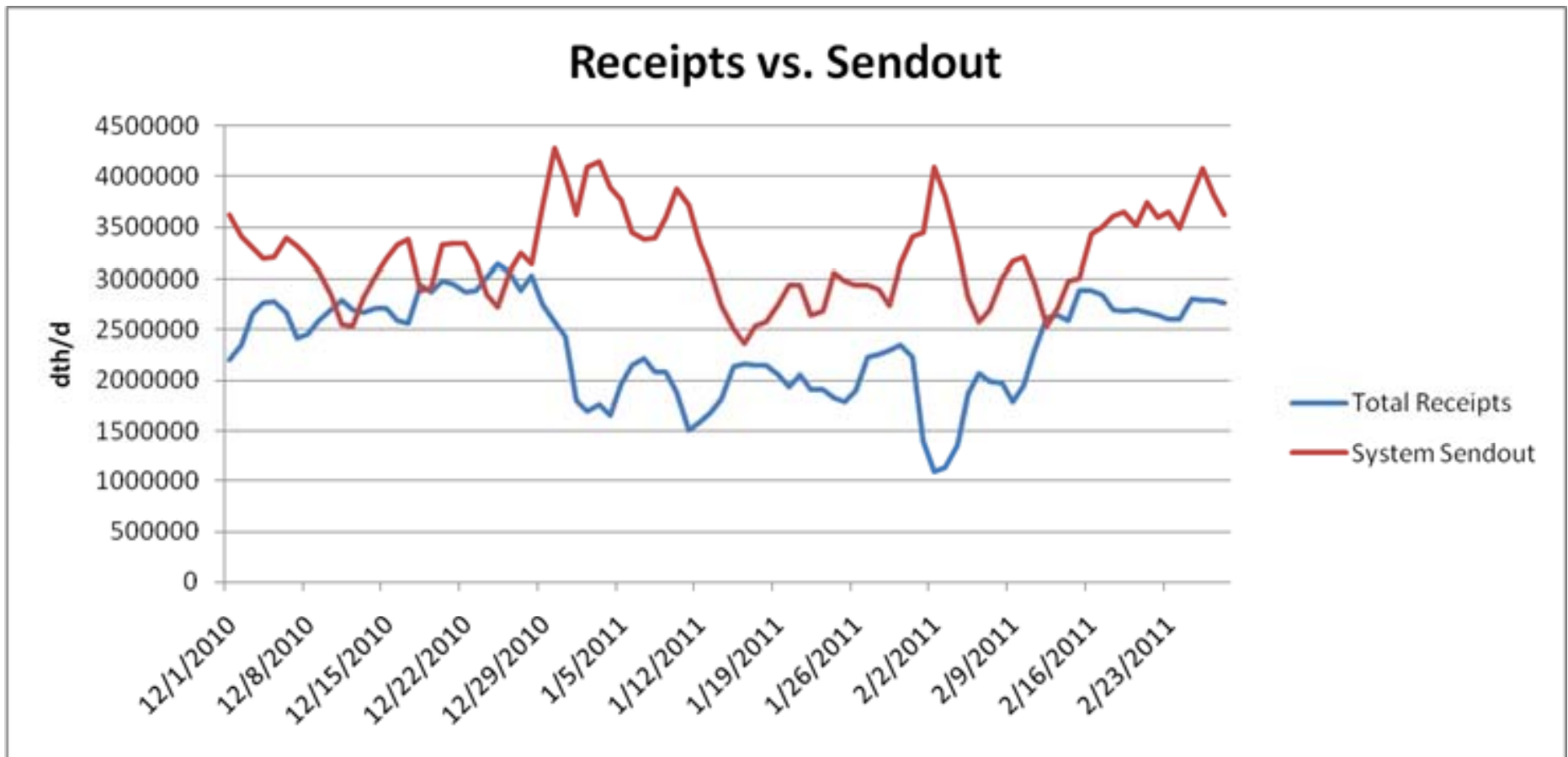
February 2, 2011 – depletion of linepack continues

- Cold weather east of California continued
- El Paso issued a System Operating Constraint (SOC) and then a Critical Operating Condition (COC)
- Line pack continued to fall
- Scheduled receipts continued to be very low
- SSR requests were made for a total of 460,000 Dth but only 367,297 arrived

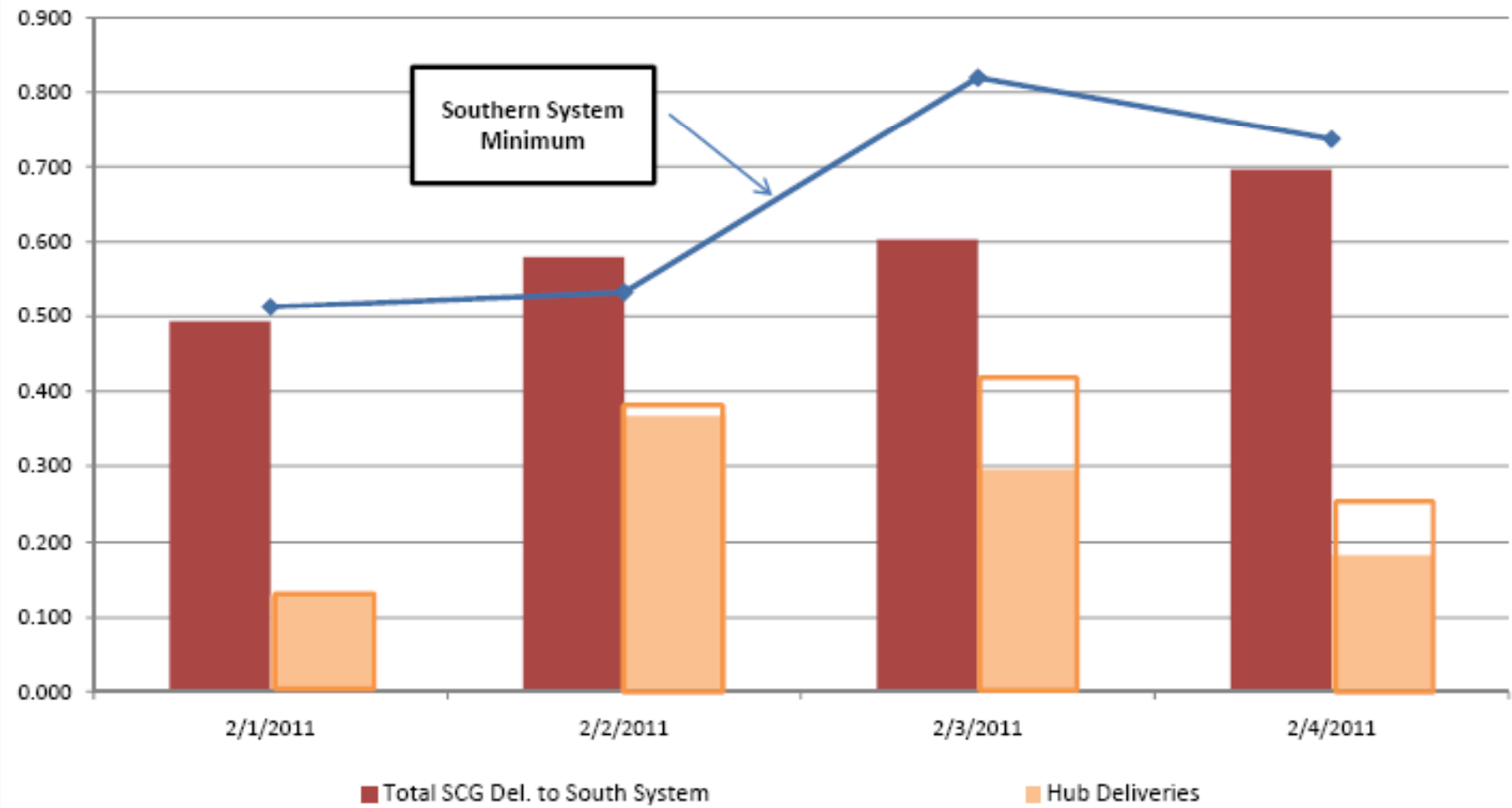
February 3, 2011 - Curtailment

- Gas Control was unable to recover any line pack overnight
- Scheduled receipts were low
- SSR requests were made for a total of 930,000 Dth but only 295,418 Dth arrived
- The Hub requested Gas Acquisition attempt to purchase supplies as the “Supplier of Last Resort”, which resulted in an additional 70,000 Dth delivered
- Curtailment is called for 3 PM

Receipts were low and sendout was high



Southern System Deliveries Bcf/d) (Solid Bars - Deliveries after cuts)



Curtailment Summary

- Curtailment lasted 21 hours
~200 MMCFD curtailed
- SoCalGas curtailed a total of 19 interruptible and 40 firm customers
- SDG&E curtailed a total of 118 interruptible and 3 firm customers
- The Hub paid a net total of \$3.79 MM for SSR purchases for the event (1/31 to 2/4)

February 4, 2011 – curtailment is lifted

- SSR requests were made for a total of 450,000 Dth but only 182,519 Dth was received
- Gas Control was able to improve linepack
- Conditions east of California improved
- More supplies were sent to California
- Weather improved in California
- Weekend loads were anticipated to be lower
- Curtailment was ended at noon

Southern System Reliability Totals for the event

- SSR purchases: 1,044,667 dth
- Purchase cost: **\$8,314,055**
- Minus Sales: **<\$4,525,012>**
- Total Net cost: \$3,789,043**
- Total Net Cost in 2010: \$2,173,063**
--Advice Letter 4153

Post-Forum Report

- 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 and all proposals made here that are rejected by SoCalGas will be included as well in the post-Forum Report

Next Steps

- A draft post-Forum Report will be issued to the Forum participants for review by May 31.
- A revised draft will be issued by June 7
- If required, a conference call of the meeting participants will be called the week of June 30 to seek resolution of any differences between participants in the revised draft.
- Post-Forum Report will be filed by July 15.

Questions?



Appendix 4

OFO Analysis

2011 ANNUAL REPORT

(Attachment D)

December 2010 through May 2011 Post Forum OFO Analysis Attachment D

		A	B	(A-B)		C		(A-C)
Flow Date	Cyl	Net System Capacity	Cycle 1 Scheduled Qty	Total Unused Capacity		Cycle 1 SCG Confirm		Total Unused Capacity
12/1/2010	2	4,526,000	2,199,559	2,326,441		2,451,949		2,074,051
12/2/2010	2	4,170,000	2,329,246	1,840,754		2,401,209		1,768,791
12/3/2010	2	3,567,000	2,475,024	1,091,976		2,623,088		943,912
12/4/2010	2	3,247,000	2,730,032	516,968		2,850,204		396,796
12/5/2010	2	3,500,000	2,833,249	666,751		2,886,878		613,122
12/6/2010	2	3,951,000	2,825,238	1,125,762		2,891,926		1,059,074
12/7/2010	2	3,837,000	2,398,495	1,438,505		2,517,640		1,319,360
12/8/2010	2	3,781,000	2,504,075	1,276,925		2,628,591		1,152,409
12/9/2010	2	3,625,000	2,524,325	1,100,675		2,690,013		934,987
12/10/2010	2	3,477,000	2,681,899	795,101		2,762,970		714,030
12/11/2010	2	3,070,000	2,688,012	381,988		2,784,854		285,146
12/12/2010	2	3,098,000	2,685,203	412,797		2,758,324		339,676
12/13/2010	2	3,440,000	2,706,653	733,347		2,755,630		684,370
12/14/2010	2	3,542,000	2,685,919	856,081		2,807,433		734,567
12/15/2010	2	3,669,000	2,649,248	1,019,752		2,721,771		947,229
12/16/2010	2	3,875,000	2,506,906	1,368,094		2,704,677		1,170,323
12/17/2010	2	3,701,000	2,524,733	1,176,267		2,597,599		1,103,401
12/18/2010	2	3,507,000	2,799,560	707,440		2,874,750		632,250
12/19/2010	2	3,544,000	2,830,547	713,453		2,896,322		647,678
12/20/2010	2	3,693,000	2,952,680	740,320		2,986,140		706,860
12/21/2010	2	3,722,000	2,914,876	807,124		2,986,140		735,860
12/22/2010	2	4,100,000	2,854,427	1,245,573		2,925,871		1,174,129
12/23/2010	2	3,995,000	2,845,900	1,149,100		2,977,042		1,017,958
12/24/2010	2	3,680,000	3,005,319	674,681		3,087,316		592,684
12/25/2010	2	3,407,000	3,125,968	281,032		3,201,932		205,068
12/26/2010	2	3,255,000	3,194,262	60,738		3,270,112		(15,112)
12/27/2010	2	3,433,000	2,933,142	499,858		3,057,154		375,846
12/28/2010	2	3,646,000	2,989,982	656,018		3,118,746		527,254
12/29/2010	2	3,792,000	2,776,858	1,015,142		2,923,859		868,141
12/30/2010	2	4,096,000	2,609,020	1,486,980		2,745,338		1,350,662
12/31/2010	2	4,314,000	2,612,256	1,701,744		2,743,050		1,570,950
1/1/2011	2	4,054,000	2,104,751	1,949,249		2,594,608		1,459,392
1/2/2011	2	4,206,000	2,251,649	1,954,351		2,594,608		1,611,392
1/3/2011	2	4,495,000	2,164,912	2,330,088		2,523,233		1,971,767

OFO Declared for Cycle 3

December 2010 through May 2011 Post Forum OFO Analysis Attachment D

		A	B	(A-B)	C	(A-C)
Flow Date	Cyl	Net System Capacity	Cycle 1 Scheduled Qty	Total Unused Capacity	Cycle 1 SCG Confirm	Total Unused Capacity
1/4/2011	2	4,545,000	1,744,053	2,800,947	1,941,145	2,603,855
1/5/2011	2	4,550,000	1,926,089	2,623,911	2,091,368	2,458,632
1/6/2011	2	4,313,000	2,147,128	2,165,872	2,294,450	2,018,550
1/7/2011	2	4,058,000	2,178,072	1,879,928	2,256,635	1,801,365
1/8/2011	2	3,788,000	2,009,814	1,778,186	2,098,911	1,689,089
1/9/2011	2	3,851,000	1,966,721	1,884,279	2,045,039	1,805,961
1/10/2011	2	4,223,000	1,959,192	2,263,808	2,036,685	2,186,315
1/11/2011	2	4,146,000	1,521,451	2,624,549	1,596,577	2,549,423
1/12/2011	2	4,051,000	1,538,015	2,512,985	1,618,291	2,432,709
1/13/2011	2	3,906,000	1,635,863	2,270,137	1,730,639	2,175,361
1/14/2011	2	3,607,000	1,751,057	1,855,943	1,903,959	1,703,041
1/15/2011	2	3,298,000	2,061,868	1,236,132	2,171,877	1,126,123
1/16/2011	2	3,126,000	2,133,486	992,514	2,209,894	916,106
1/17/2011	2	3,138,000	2,147,719	990,281	2,209,488	928,512
1/18/2011	2	3,319,000	2,148,002	1,170,998	2,208,888	1,110,112
1/19/2011	2	3,167,000	2,002,454	1,164,546	2,078,369	1,088,631
1/20/2011	2	3,135,000	1,813,895	1,321,105	1,891,087	1,243,913
1/21/2011	2	3,267,000	1,973,670	1,293,330	2,132,728	1,134,272
1/22/2011	2	3,084,000	1,872,084	1,211,916	2,008,793	1,075,207
1/23/2011	2	3,233,000	1,896,644	1,336,356	1,986,664	1,246,336
1/24/2011	2	3,593,000	1,879,717	1,713,283	1,975,489	1,617,511
1/25/2011	2	3,368,000	1,812,906	1,555,094	1,927,718	1,440,282
1/26/2011	2	3,387,000	1,902,510	1,484,490	2,018,079	1,368,921
1/27/2011	2	3,294,000	2,237,042	1,056,958	2,318,106	975,894
1/28/2011	2	3,239,000	2,222,842	1,016,158	2,338,809	900,191
1/29/2011	2	3,108,000	2,237,011	870,989	2,354,055	753,945
1/30/2011	2	3,219,000	2,304,784	914,216	2,391,503	827,497
1/31/2011	2	3,412,000	2,290,853	1,121,147	2,354,859	1,057,141
2/1/2011	2	3,764,000	1,305,968	2,458,032	1,410,678	2,353,322
2/2/2011	2	3,963,000	1,027,640	2,935,360	1,270,945	2,692,055
2/3/2011	2	4,216,000	1,020,400	3,195,600	1,291,066	2,924,934
2/4/2011	2	4,023,000	1,446,691	2,576,309	1,742,470	2,280,530
2/5/2011	2	3,154,000	1,774,029	1,379,971	2,025,319	1,128,681
2/6/2011	2	3,306,000	1,892,243	1,413,757	2,037,095	1,268,905

December 2010 through May 2011 Post Forum OFO Analysis Attachment D

		A	B	(A-B)	C	(A-C)	
Flow Date	Cyl	Net System Capacity	Cycle 1 Scheduled Qty	Total Unused Capacity	Cycle 1 SCG Confirm	Total Unused Capacity	
2/7/2011	2	3,382,000	1,779,511	1,602,489	1,924,061	1,457,939	
2/8/2011	2	3,255,000	1,816,654	1,438,346	1,936,206	1,318,794	
2/9/2011	2	3,473,000	1,921,905	1,551,095	2,062,107	1,410,893	
2/10/2011	2	3,664,000	1,965,022	1,698,978	2,114,991	1,549,009	
2/11/2011	2	3,486,000	2,283,259	1,202,741	2,395,455	1,090,545	
2/12/2011	2	3,067,000	2,617,173	449,827	2,708,513	358,487	
2/13/2011	2	3,098,000	2,624,029	473,971	2,745,818	352,182	
2/14/2011	2	3,377,000	2,627,097	749,903	2,727,073	649,927	
2/15/2011	2	3,428,000	2,756,047	671,953	2,913,352	514,648	
2/16/2011	2	3,733,000	2,718,558	1,014,442	2,798,116	934,884	
2/17/2011	2	3,729,000	2,748,567	980,433	2,791,288	937,712	
2/18/2011	2	3,860,000	2,571,814	1,288,186	2,681,717	1,178,283	
2/19/2011	2	3,297,000	2,709,561	587,439	2,788,395	508,605	
2/20/2011	2	3,652,000	2,742,030	909,970	2,806,198	845,802	
2/21/2011	2	4,281,000	2,723,872	1,557,128	2,778,708	1,502,292	
2/22/2011	2	4,230,000	2,771,996	1,458,004	2,895,067	1,334,933	
2/23/2011	2	4,098,000	2,673,487	1,424,513	2,787,211	1,310,789	
2/24/2011	2	4,109,000	2,576,679	1,532,321	2,676,553	1,432,447	
2/25/2011	2	4,195,000	2,831,072	1,363,928	2,887,629	1,307,371	
2/26/2011	2	4,286,000	2,750,861	1,535,139	2,841,869	1,444,131	
2/27/2011	2	4,327,000	2,820,224	1,506,776	2,859,031	1,467,969	
2/28/2011	2	4,656,000	2,455,120	2,200,880	2,819,867	1,836,133	
3/1/2011	2	4,327,000	2,671,158	1,655,842	2,859,099	1,467,901	
3/2/2011	2	3,951,000	2,592,001	1,358,999	2,704,712	1,246,288	
3/3/2011	2	3,642,000	2,802,268	839,732	2,953,588	688,412	
3/4/2011	2	3,109,000	2,791,573	317,427	2,927,319	181,681	
3/5/2011	2	2,931,000	2,538,267	392,733	2,727,749	203,251	OFO Declared for Cycle 1
3/6/2011	2	2,845,000	2,662,400	182,600	2,800,179	44,821	
3/7/2011	2	3,251,000	2,605,804	645,196	2,704,448	546,552	
3/8/2011	2	3,324,000	2,775,542	548,458	2,867,177	456,823	
3/9/2011	2	3,271,000	2,740,683	530,317	2,841,098	429,902	
3/10/2011	2	3,048,000	3,034,075	13,925	3,069,019	(21,019)	OFO Declared for Cycle 3
3/11/2011	2	2,820,000	2,709,991	110,009	2,826,501	(6,501)	OFO Declared for Cycle 1
3/12/2011	2	2,741,000	2,644,158	96,842	2,763,559	(22,559)	OFO Declared for Cycle 3

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		A	B	(A-B)	C	(A-C)	
Flow Date	Cyl	Net System Capacity	Cycle 1 Scheduled Qty	Total Unused Capacity	Cycle 1 SCG Confirm	Total Unused Capacity	
3/13/2011	2	2,825,000	2,665,590	159,410	2,765,273	59,727	
3/14/2011	2	3,017,000	2,693,366	323,634	2,793,953	223,047	
3/15/2011	2	3,119,000	2,851,133	267,867	3,057,829	61,171	
3/16/2011	2	3,147,000	3,073,748	73,252	3,129,449	17,551	OFO Declared for Cycle 3
3/17/2011	2	3,150,000	2,970,413	179,587	3,094,020	55,980	
3/18/2011	2	3,176,000	3,176,666	(666)	3,274,964	(98,964)	OFO Declared for Cycle 2
3/19/2011	2	3,077,000	2,980,367	96,633	3,138,693	(61,693)	OFO Declared for Cycle 1
3/20/2011	2	3,223,000	3,097,380	125,620	3,193,962	29,038	
3/21/2011	2	3,831,000	3,047,451	783,549	3,167,877	663,123	
3/22/2011	2	3,908,000	3,170,131	737,869	3,362,121	545,879	
3/23/2011	2	3,958,000	3,261,293	696,707	3,317,832	640,168	
3/24/2011	2	3,832,000	3,162,991	669,009	3,215,408	616,592	
3/25/2011	2	3,806,000	3,099,431	706,569	3,147,841	658,159	
3/26/2011	2	3,379,000	2,997,862	381,138	3,076,793	302,207	
3/27/2011	2	3,201,000	2,993,266	207,734	3,057,354	143,646	
3/28/2011	2	3,530,000	3,008,306	521,694	3,075,198	454,802	
3/29/2011	2	3,277,000	2,806,045	470,955	2,961,722	315,278	
3/30/2011	2	3,124,000	2,954,795	169,205	2,984,868	139,132	
3/31/2011	2	3,048,000	2,931,963	116,037	2,967,837	80,163	
4/1/2011	2	2,975,000	2,711,727	263,273	2,819,253	155,747	
4/2/2011	2	2,792,000	2,696,249	95,751	2,813,939	(21,939)	OFO avoided using new method
4/3/2011	2	2,944,000	2,721,423	222,577	2,827,589	116,411	
4/4/2011	2	2,954,000	2,758,363	195,637	2,834,402	119,598	
4/5/2011	2	2,955,000	2,542,887	412,113	2,688,124	266,876	
4/6/2011	2	3,059,000	2,874,885	184,115	2,971,274	87,726	OFO Declared for Cycle 3
4/7/2011	2	3,358,000	2,783,658	574,342	2,849,533	508,467	
4/8/2011	2	3,409,000	2,906,350	502,650	3,004,045	404,955	
4/9/2011	2	3,448,000	2,978,875	469,125	3,082,148	365,852	
4/10/2011	2	3,347,000	3,039,341	307,659	3,079,892	267,108	
4/11/2011	2	3,398,000	3,066,583	331,417	3,100,092	297,908	
4/12/2011	2	3,194,000	2,841,578	352,422	2,890,242	303,758	
4/13/2011	2	3,162,000	2,877,664	284,336	2,919,320	242,680	
4/14/2011	2	3,235,000	2,866,704	368,296	2,968,836	266,164	
4/15/2011	2	3,206,000	2,918,673	287,327	3,009,933	196,067	

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		A	B	(A-B)	C	(A-C)	
Flow Date	Cyl	Net System Capacity	Cycle 1 Scheduled Qty	Total Unused Capacity	Cycle 1 SCG Confirm	Total Unused Capacity	
4/16/2011	2	3,003,000	2,633,036	369,964	2,817,780	185,220	
4/17/2011	2	3,031,000	2,799,689	231,311	2,838,824	192,176	
4/18/2011	2	3,209,000	2,683,954	525,046	2,766,280	442,720	
4/19/2011	2	3,204,000	2,778,968	425,032	2,823,732	380,268	
4/20/2011	2	3,153,000	2,769,399	383,601	2,823,526	329,474	
4/21/2011	2	3,102,000	2,539,028	562,972	2,687,818	414,182	
4/22/2011	2	3,023,000	2,697,818	325,182	2,785,203	237,797	
4/23/2011	2	2,751,000	2,736,051	14,949	2,776,339	(25,339)	OFO avoided using new method
4/24/2011	2	2,726,000	2,740,077	(14,077)	2,781,561	(55,561)	OFO Declared for Cycle 2
4/25/2011	2	3,055,000	2,706,800	348,200	2,763,187	291,813	
4/26/2011	2	3,077,000	2,768,423	308,577	2,904,531	172,469	
4/27/2011	2	3,001,000	2,749,413	251,587	2,810,596	190,404	
4/28/2011	2	2,975,000	2,709,511	265,489	2,774,392	200,608	
4/29/2011	2	3,046,000	2,553,008	492,992	2,654,233	391,767	
4/30/2011	2	2,803,000	2,650,282	152,718	2,685,073	117,927	
5/1/2011	2	2,897,000	2,512,330	384,670	2,736,519	160,481	
5/2/2011	2	3,217,000	2,748,903	468,097	2,801,683	415,317	
5/3/2011	2	3,240,750	2,490,820	749,930	2,835,331	405,419	
5/4/2011	2	3,175,000	2,686,655	488,345	2,896,304	278,696	
5/5/2011	2	3,299,000	2,823,054	475,946	3,019,653	279,347	
5/6/2011	2	3,324,000	2,750,763	573,237	3,106,450	217,550	
5/7/2011	2	2,879,000	2,660,956	218,044	2,774,137	104,863	OFO Declared for Cycle 1
5/8/2011	2	2,930,000	2,660,791	269,209	2,771,636	158,364	
5/9/2011	2	3,021,000	2,832,032	188,968	2,832,032	188,968	
5/10/2011	2	3,006,000	2,999,544	6,456	3,167,990	(161,990)	OFO avoided using new method
5/11/2011	2	3,196,000	2,775,553	420,447	2,863,422	332,578	OFO Declared for Cycle 1
5/12/2011	2	3,028,000	2,870,409	157,591	2,963,720	64,280	
5/13/2011	2	2,945,000	2,874,208	70,792	2,976,503	(31,503)	OFO avoided using new method
5/14/2011	2	2,861,000	2,699,907	161,093	2,818,236	42,764	OFO Declared for Cycle 1
5/15/2011	2	2,934,000	2,772,620	161,380	2,866,005	67,995	
5/16/2011	2	3,113,000	2,678,324	434,676	2,791,665	321,335	
5/17/2011	2	3,214,000	2,919,272	294,728	3,094,515	119,485	
5/18/2011	2	3,418,000	3,073,350	344,650	3,172,870	245,130	
5/19/2011	2	3,271,000	2,948,656	322,344	3,130,768	140,232	

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		A	B	(A-B)		C	(A-C)	
Flow Date	Cyl	Net System Capacity	Cycle 1 Scheduled Qty	Total Unused Capacity		Cycle 1 SCG Confirm	Total Unused Capacity	
5/20/2011	2	3,061,000	3,063,956	-2,956		3,181,633	(120,633)	OFO Declared for Cycle 2
5/21/2011	2	2,756,000	2,553,677	202,323		2,700,208	55,792	OFO Declared for Cycle 1
5/22/2011	2	2,782,000	2,614,174	167,826		2,719,973	62,027	
5/23/2011	2	2,999,000	2,639,752	359,248		2,741,726	257,274	
5/24/2011	2	3,036,000	3,099,006	-63,006		3,225,232	(189,232)	OFO Declared for Cycle 2
5/25/2011	2	3,072,000	2,835,705	236,295		2,941,208	130,792	
5/26/2011	2	3,036,000	2,941,000	95,000		3,097,539	(61,539)	OFO Declared for Cycle 3
5/27/2011	2	2,853,000	2,655,649	197,351		2,879,003	(26,003)	OFO Declared for Cycle 1
5/28/2011	2	2,714,000	2,428,988	285,012		2,591,536	122,464	OFO Declared for Cycle 1
5/29/2011	2	2,732,000	2,537,788	194,212		2,694,016	37,984	
5/30/2011	2	2,833,000	2,542,196	290,804		2,694,116	138,884	
5/31/2011	2	2,992,000	2,482,965	509,035		2,638,159	353,841	