

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



August 8, 2014

Advice Letter: 4666-G

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

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

Dear Ms. Prince:

Advice Letter 4666-G is effective as of August 6, 2014.

Sincerely,

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

Edward F. Randolph, Director
Energy Division



Rasha Prince
Director
Regulatory Affairs

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

July 7, 2014

Advice No. 4666
(U 904 G)

Public Utilities Commission of the State of California

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

Southern California Gas Company (SoCalGas) hereby submits with the California Public Utilities Commission (Commission) a Post-Forum Report (Attachment A) relating to its most recent annual Utility Customer Forum, held on May 8, 2014.

Background

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

Annual Report

SoCalGas posted an Annual Report (Report) of system reliability issues on its Electronic Bulletin Board (scgenvoy.sempra.com) on April 21 addressing OFOs and minimum flow requirements. A copy of the Report is included as Appendix 1 to the Post-Forum Report.

Customer Forum

SoCalGas held its 2014 Customer Forum on May 8, 2014. The Forum was held in compliance with Section 21 of Rule No. 41, which provides that its annual forums are to address the following topics:

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

² See SoCalGas Rule No. 41, Section 21.

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

SoCalGas provided a PowerPoint presentation at the Forum which contained an agenda, overview, and summary of the operational matters and proposals outlined in SoCalGas' April 21 Annual Report. Specific operational matters highlighted for discussion included: 1) Winter 2013-14 Curtailment Events; 2) Low OFO Proposal; 3) Minimum Flow Requirements; 4) High OFO Review; and 5) Gas-Electric Coordination. A copy of this presentation is included as Appendix 2 to the Post-Forum Report. More than 30 persons representing customers and gas suppliers attended the Customer Forum in person or via conference call.

The next Forum will be scheduled for May 2015.

Protest

Anyone may protest this AL to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received within 20 days of the date of this AL, which is July 27, 2014. 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

A copy of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Sid Newsom
Tariff Manager - GT14D6
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No. (213) 244-4957
E-mail: snewsom@SempraUtilities.com

Effective Date

SoCalGas believes that this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to GO 96-B. SoCalGas respectfully requests that this filing be approved on August 6, 2014, which is 30 calendar days from the date filed.

Notice

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

Rasha Prince
Director- Regulatory Affairs

Attachments

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

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

Company name/CPUC Utility No. **SOUTHERN CALIFORNIA GAS COMPANY (U 904G)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Sid Newsom

Phone #: (213) 244-2846

E-mail: SNewsom@semprautilities.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 4666

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: 8/6/14

No. of tariff sheets: 0

Estimated system annual revenue effect (%): _____

Estimated system average rate effect (%): _____

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: None

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: None

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

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

Southern California Gas Company
Attention: Sid Newsom
555 West 5th Street, GT14D6
Los Angeles, CA 90013-1011
SNewsom@semprautilities.com
tariffs@socalgas.com

¹ Discuss in AL if more space is needed.

ATTACHMENT A

Advice No. 4666

Southern California Gas Company

2014 Post-Forum Report on System Reliability Issues

Southern California Gas Company

2014 Post-Forum Report on System Reliability Issues

Overview

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

The following represents the post-Forum Report for 2014.

Annual Report

SoCalGas posted an annual report (Annual Report) of system reliability issues on its electronic bulletin board (SoCalGas Envoy) on April 21 addressing the matters described above. A copy of the revised Annual Report is included as Appendix 1 to this post-Forum Report.

Customer Forum

SoCalGas held its 2014 Forum on May 8, 2014. The Forum was held in compliance with Section 21 of Rule No. 41 to provide information that addressed the following matters with interested parties:

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

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

A PowerPoint Presentation (Presentation) containing the agenda, overview and summary of the operational matters and proposals as outlined in SoCalGas' April 21 Annual Report to be discussed at the Forum was presented at the meeting and made available to the meeting participants after its conclusion. Specific operational matters highlighted for discussion included 1) Winter 2013-14 Curtailment Events; 2) Low OFO Proposal; 3) Minimum Flow Requirements; 4) High OFO Review; and 5) Gas-Electric Coordination. SoCalGas did not present new proposals for consideration by the Forum participants to better manage the Southern System Minimum Flow Requirement. SoCalGas did present a Low OFO Proposal that will be filed for approval under an application outside the Rule 41 post-Forum Report process.

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

More than 30 persons representing customers and gas suppliers attended the Forum either in person or via conference call. The relevant issues from the Annual Report were discussed, as well as the December 2013 and February 2014 curtailment events, the Low OFO Proposal and Gas-Electric Coordination.

Winter 2013-14 Curtailments

Southern California Generation Council (SCGC) asked what exactly standby curtailment is. SoCalGas replied that the curtailment of Standby Procurement Service is spelled out in Rule 23 and Rate Schedule G-IMB.

Noble America asked if the problems causing the December curtailment were limited to the Southern System during the 2013-14 winter. SoCalGas replied that the curtailment of Standby Procurement Service occurring in both December 2013 and February 2014 were made to address system wide concerns.

SCGC asked SoCalGas what arrangements SoCalGas had in place to support the Southern System. SoCalGas replied that the Memorandum in Lieu of Contract (MILC) with Gas Acquisition and baseload contracts were in place to support the Southern System. Spot purchases were also made when required to address Southern System Minimum Flow Requirements during the winter period.

SCGC asked how much was collected in penalties and into what account did the revenue go. SCE asked if SoCalGas is over collecting since penalties are charged in addition to the cost of gas which is also recovered from customers. SoCalGas replied that the amount of curtailment penalties charged is relatively small. Curtailment violation charge revenue is recorded in SoCalGas' Curtailment

Violation Penalty Account (CVPA) which is included as Appendix 3 to this report. Revenues from noncore customers charged the applicable standby procurement rate in addition to the curtailment violation penalty are credited to the Purchase Gas Account (PGA) which is included as Appendix 4 to this report. If applicable, net revenue from standby procurement charges incurred by SoCalGas' Gas Acquisition department in addition to curtailment violation penalties are debited from the PGA and credited to the Noncore Fixed Cost Account (NFCA) which is included as Appendix 5 to this report.

City of Pasadena asked how the end of a curtailment is determined. SoCalGas replied that a curtailment ends when Gas Control determines that gas supply and available capacity are sufficient to support system demand.

Occidental Energy asked when the last curtailment prior to December 2013 occurred. SoCalGas replied that other than localized Force Majeure events and the February 2011 Southern System curtailment, the last system wide curtailment on the SoCalGas system was prior to August 1993 when the existing curtailment rules went into effect.

Southern California Edison (SCE) asked why the December 7 curtailment notice for Standby Curtailment Service was sent at noon on a Friday. SoCalGas replied that Gas Control did not think a curtailment of Standby Procurement Service was required prior to mid-morning that day.

The City of Pasadena (Pasadena) asked how SoCalGas determined which generators were curtailed. SoCalGas replied that all generators on the Southern System including SDG&E were curtailed. For generator loads outside the Southern System Gas Control worked with CAISO to determine which units would be curtailed. Gas Control determined how much effective capacity was available on the system and communicated this amount to CAISO who then determined which units had to be curtailed.

SCGC asked if a generator brings 10 units into the system and is then asked to cut its burn to 5, what happens to the other 5. SoCalGas replied that the other 5 goes into their monthly transportation imbalance account. SCGC then asked SoCalGas to explain how a shipper can make adjustments when a curtailment begins at midnight. SoCalGas explained that the measurement day begins at midnight while the corresponding scheduled flow day does not start until 7 AM. Shippers can adjust their nominations in cycles 3, 4, and 5 to match scheduled deliveries with metered usage.

City of Vernon asked if the Gas Day was going to change. SoCalGas replied that discussions to do so are underway in response to a Federal Energy Regulatory Commission (FERC) Notice of Proposed Rulemaking (NOPR). Though SoCalGas

is an active participant in the process, these changes, if required, are outside our control.

Low OFO Proposal

Questions and answers regarding the Low OFO Proposal are not considered part of the Rule 41 post-Forum process. These questions will be addressed in SoCalGas and SDG&E's pending application requesting Commission authority to implement the proposal.

Southern System Gas Purchase Costs and Backbone Transportation Service (BTS) Discounts

SCGC stated that SoCalGas' winter baseload purchases were limited to 255 MDth/day. They asked if SoCalGas needs a higher limit. SoCalGas replied that it was satisfied with the current winter limit but that it would like the authority to purchase baseload contracts during the summer months. SCGC then asked if SoCalGas will discount firm BTS on the Southern System this coming year. SoCalGas replied that it would not discount Firm BTS until Advice Letter 4517 is approved. Advice Letter 4517 requested a minor change to Rate Schedule No. G-BTS that would allow offering discounted firm BTS service that could only be used to transport gas from the SoCalGas Southern Transmission Zone.

High OFO Review

SCGC asked why the number of OFOs decreased last year. SoCalGas replied that part of the reduction was probably because October 2013 maintenance outages and system receipts were less than those encountered in October 2012.

Pasadena asked if SoCalGas can wait until the end of Cycle 1 to call a High OFO when more information becomes available. SoCalGas replied that customers up to now prefer the High OFO process as currently designed but will consider any proposals to change it. SoCalGas also stated that many customers have expressed their preference to be notified earlier in the Gas Day if a High OFO is required.

Gas – Electric Coordination

SCE asked if the proposed modifications to the Gas Day and the scheduling cycles affect the timing of OFOs. SoCalGas replied that potential modifications if adopted could reduce the amount of time available to customers to adjust nominations after the OFO is declared.

In comments submitted after the Forum SCGC suggested that SoCalGas describe whether and, if so, how SoCalGas plans to change its daily gas scheduling protocol in response to whatever new gas scheduling protocol the FERC adopts for its jurisdictional interstate pipelines in Docket No. RM14-2-000. SoCalGas' response

is that we are active participants in the RM14-2-000 proceeding, and that SoCalGas will evaluate what changes are needed to our own scheduling protocols once it becomes clear what changes FERC will be adopting for its jurisdictional interstate pipelines.

Post-Forum Report Proposals

SCGC asked how much time do customers have to make a proposal for inclusion in the post-Forum Report. SoCalGas replied that a draft post-Forum Report will be distributed to the Forum participants by May 30. SoCalGas strongly encouraged its customers to present their proposals prior to May 30.

SCGC requested that SoCalGas prepare a study on the cost-effectiveness of having baseload contracts for periods other than the winter months similar to those approved in Resolution G-3487 (10/3/13) for December through March to maintain Southern System reliability, and to include that study in the Post-Forum Report. The requested study, which is included as Attachment 6 to this report, was provided to Forum participants and comments on the study were solicited. SCGC observed that the cost effectiveness of using baseload contracts depends on both the volume of spot gas that must be purchased and the daily and monthly spreads between border (buy) and citygate (sell) prices. SoCalGas agrees with SCGC's observation. SoCalGas further notes that System Reliability costs outside the winter months were small prior to 2013, and baseload contracts may not have been cost effective during that time. However, changing conditions and increasing System Reliability costs, as seen in 2013, are making non-winter baseload contracts more attractive, and SoCalGas may consider their use at some point in the future.

Conclusion

SoCalGas presented no proposals at the Forum that required the development of tariff changes affecting either OFOs or Minimum Flow Requirements. SoCalGas did present a Low OFO Proposal which it planned to submit for Commission review and approval as a separate application.¹

The next Forum will be scheduled for May 2015.

¹ SoCalGas' Low OFO Application A. 14-06-021 was jointly filed with San Diego Gas & Electric Company on June 27, 2014.

Appendix 1 to Attachment A

2014 Post Forum Report on System Reliability Issues

Annual Report of System Reliability Issues released on April 21, 2014.



A  Sempra Energy® utility

Fifth Annual Report of System Reliability Issues

2014 Customer Forum

April 21, 2014

Fifth Annual Report of System Reliability Issues

Date of Issue: April 21, 2014

Introduction

SoCalGas presents its Fifth Annual Report of System Reliability Issues (Report). This Report covers the time period from April 1, 2013, through March 31, 2014. Pursuant to Section 20 of Rule No. 41, this Report provides information on the following matters:

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

A. Operational Flow Orders

The SoCalGas/SDG&E Gas Control department (Gas Control) 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.

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

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

Fifth Annual Report of System Reliability Issues

Date of Issue: April 21, 2014

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 29 OFO events were called from April 1, 2013 to March 31, 2014. This represents a 40% reduction in comparison to the 48 OFOs called during the previous Report period. Attachment 1 provides a detailed calculation for each OFO event including calculation of forecasted system capacity in comparison to scheduled quantities.

As stated previously, OFO events are triggered when scheduled quantities from a previous cycle exceed forecasted system capacity for a pending cycle. This typically occurs during weekends and holidays when forecast sendout is lower. Most of the OFOs called during the Report period occurred during the shoulder months of May (10 events), November (9 events) and March (7 events).

B. Requests for Additional Supplies to Meet Minimum Flow Requirements

Requests from Gas Control for the Operational Hub to obtain additional supplies to meet Southern System minimum flow requirements from April 1, 2013 to March 31, 2014, can be found in Attachment 2. A total of 126 requests were made during the Report period. Attachment 2 provides all of the Envoy postings relating to such transactions.

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

Details of Operational Hub transactions to meet minimum flow requirements from April 1, 2013 to March 31, 2014 are provided in Attachment 3 and are comprised of baseload and spot supply purchases and sales, and discounted transportation rates for El Paso deliveries.

During the Report period SoCalGas purchased and sold approximately 30.3 MMDth of baseload supply at an approximate net cost of 13 cents per Dth or a total approximate net cost of \$3.9 million.

Fifth Annual Report of System Reliability Issues

Date of Issue: April 21, 2014

During the Report period SoCalGas also purchased and sold approximately 12.5 MMDth of spot market supply at an approximate net cost of 92 cents per Dth or a total approximate net cost of \$11.5 million.

During the Report period SoCalGas offered discounted interruptible transportation rates for gas transported from the El Paso – Ehrenberg receipt point to increase customer delivery of gas into the Southern System. Total cost for these discounts was \$7.9 million. Details of discounting activity by month from April 1, 2013 to March 31, 2014 are provided in Attachment 4.

The total cost of dealing with the Southern system minimum flow issue over the April 2013-March 2014 period was \$23.3 million (\$7.9 million in backbone discounts allocated to the BTBA plus \$3.9 million in Hub baseload purchases and \$11.5 million in Hub spot purchases reflected in the SRMA account).

SoCalGas has taken a number of steps to address the increases in Southern System minimum flow requirements. As described in the Fourth Forum Report, SoCalGas filed Advice Letter (AL) No. 4399 on August 31, 2012 requesting approval of four gas agreements to supply baseload gas at Southern Zone receipt points. On May 9, 2013 the Commission issued Resolution G-3477 that approved three of the four baseload agreements, and more importantly, provided guidance for future SoCalGas baseload contract proposals that would not require prior Commission approval to go into effect. On July 1, 2013 SoCalGas filed AL No. 4516 requesting authorization to revise Rule 41 to enable SoCalGas to enter into baseload contracts meeting the criteria established in Resolution G-3477. On October 3, 2013 the Commission issued Resolution G-3487 approving the requested changes to Rule 41.

On June 28, 2013 SoCalGas filed AL No. 4513 requesting approval of a third Memorandum in Lieu of Contract (Third MILC) between SoCalGas' System Operator and Gas Acquisition for gas supply to support Southern System minimum flow requirements. On October 31, 2013 the Commission approved the Third MILC with one modification to limit the evergreen provision to three one year terms ending not later than October 31, 2016. The modified Third MILC was filed for approval (AL No. 4513-A) and made effective on November 1, 2013.

On July 1, 2013 SoCalGas filed AL No. 4515 requesting approval to revise Rule 30 to prioritize the scheduling of Southern Zone BTS nominations ahead of nominations at non-Southern Zone Receipt Points in order to maintain Southern System minimum flow requirements during OFO events. The Commission approved this revision per Resolution G-3486 effective December 5, 2013.

Fifth Annual Report of System Reliability Issues

Date of Issue: April 21, 2014

On July 2, 2013 SoCalGas filed AL No. 4517 requesting authorization to revise Rate Schedule G-BTS and the BTS form agreement to allow discounted firm G-BTS contracts without alternate receipt point rights. AL No. 4517 is still pending before the Commission.

SoCalGas plans on continuing to use both spot purchases and baseload agreements over the next year to meet its Southern System minimum flow requirements. Baseload purchase agreements were used during the Report period thanks to the guidance provided by the Commission for future baseload agreements in Resolution G-3477. SoCalGas also intends to continue using agreements between the Utility System Operator and Gas Acquisition to support SoCalGas' minimum flow requirements on its Southern System for the coming year as well.

D. Need for Any Additional Minimum Flow Requirements

In light of having ordered two curtailments of Standby Procurement Service during the past review period, SoCalGas has concluded that a Low Operational Flow Order (Low OFO) tool, much like the one employed by PG&E, is required. After the May 5th Customer Forum Meeting, SoCalGas intends to file an application for approval of a Low OFO.

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

Potential Tools

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

Rule 41 requires SoCalGas and Forum participants to collaborate in good faith to develop a post-Forum report that includes identifying any tariff changes that are found to be necessary by Forum participants. Tariff changes proposed in the Forum will be submitted to the CPUC by Advice Letter no later than 60 days after the Forum. SoCalGas would appreciate customer input and support for the proposals made herein.

SoCalGas is not presenting any new proposed tools for consideration by Forum participants in this Report that would require implementation of tariff changes under the post-Forum Advice Letter filing.

Fifth Annual Report of System Reliability Issues

Date of Issue: April 21, 2014

We do request support for the proposed tool presented in AL 4517 as described above in more detail below that is still pending before the Commission. SoCalGas and SDG&E will also be filing an application in May for approval of a Low OFO procedure similar to PG&E's.

Discounted Southern Zone Firm BTS Capacity

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

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

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

Low OFO Application

SoCalGas plans on seeking approval of a Low OFO proposal to be used in place of the Rule 30 Winter Balancing Procedures. Discussion of this Low OFO Proposal will be an agenda item at the May 5 Customer Forum Meeting.

Fifth Annual Report of System Reliability Issues

Date of Issue: April 21, 2014

Potential Infrastructure Improvements – North-South Project

On December 20, 2013 SoCalGas and SDG&E filed an application (A.13-12 -013) for authority to recover North-South Project revenue requirement in customer rates, and for approval of related cost allocation and rate design proposals.

The North-South Project is needed to maintain Southern System reliability and alleviate the potential for curtailments of customers on the Southern System due to a potential mismatch between the demand of such customers and the volume of flowing supplies delivered to the Southern System to meet that demand. A Prehearing Conference was held on March 13 and a formal scoping memo in this proceeding is expected shortly.



A  Sempra Energy® utility

ATTACHMENT 1

TO

APRIL 21, 2014
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES

DETAILED CALCULATION FOR EACH OFO EVENT (including calculation of forecasted system capacity in comparison to scheduled quantities)

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,237,931	2,237,931	2,239,936	2,239,936
Injection Capacity	461,000	461,000	462,000	462,000
Latest Off-System Scheduled Quantity	5,000	5,000	5,000	5,000
Net System Capacity:	2,703,931	2,703,931	2,706,936	2,706,936
Latest On-System Scheduled Quantity	2,841,329	2,558,979	2,598,798	2,592,191
Total Unused Capacity:	0	144,952	108,138	114,745
Total Excess Receipts:	(137,398)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,617,757	2,592,256	2,558,979	0	0	0	0	0
Evening	2,617,757	2,602,811	2,598,798	0	0	0	0	0
Intraday 1	2,597,249	2,595,681	2,592,191	0	0	0	0	0
Intraday 2	2,596,249	2,596,239	2,592,151	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,055,414	2,041,433	2,013,749	0	0	0	0	0	114,661	114,661	114,560	0	0	0	0	0
Evening	2,055,414	2,045,164	2,043,803	0	0	0	0	0	114,661	114,661	114,567	0	0	0	0	0
Intraday 1	2,054,906	2,054,845	2,053,913	0	0	0	0	0	114,661	114,661	114,661	0	0	0	0	0
Intraday 2	2,048,906	2,048,897	2,046,944	0	0	0	0	0	114,661	114,661	114,660	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	44,686	44,402	44,199	0	0	0	0	0	402,996	391,760	386,471	0	0	0	0	0
Evening	44,686	44,561	44,561	0	0	0	0	0	402,996	398,425	395,867	0	0	0	0	0
Intraday 1	44,686	44,668	44,668	0	0	0	0	0	382,996	381,507	378,949	0	0	0	0	0
Intraday 2	44,686	44,686	44,686	0	0	0	0	0	387,996	387,995	385,861	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 04/06/2013
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,235,925	2,235,925	2,240,938	2,287,061
Injection Capacity	900,000	900,000	901,000	901,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,139,925	3,139,925	3,145,938	3,192,061
Latest On-System Scheduled Quantity	3,240,180	2,894,409	2,947,334	2,944,380
Total Unused Capacity:	0	245,516	198,604	247,681
Total Excess Receipts:	(100,255)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,982,566	2,975,171	2,894,409	0	0	0	0	0
Evening	2,982,566	2,982,362	2,947,334	0	0	0	0	0
Intraday 1	2,962,566	2,962,366	2,944,380	0	0	0	0	0
Intraday 2	2,970,602	2,970,402	2,964,453	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,346,225	2,346,022	2,271,810	0	0	0	0	0	36,252	36,252	34,052	0	0	0	0	0
Evening	2,351,439	2,351,237	2,319,930	0	0	0	0	0	36,252	36,252	36,162	0	0	0	0	0
Intraday 1	2,351,439	2,351,239	2,336,974	0	0	0	0	0	36,252	36,252	36,162	0	0	0	0	0
Intraday 2	2,351,439	2,351,239	2,348,864	0	0	0	0	0	36,252	36,252	36,162	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	62,188	62,188	61,300	0	0	0	0	0	537,901	530,709	527,247	0	0	0	0	0
Evening	56,974	56,974	56,814	0	0	0	0	0	537,901	537,899	534,428	0	0	0	0	0
Intraday 1	56,974	56,974	56,814	0	0	0	0	0	517,901	517,901	514,430	0	0	0	0	0
Intraday 2	57,010	57,010	56,974	0	0	0	0	0	525,901	525,901	522,453	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/11/2013
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,500,627	2,500,627	2,454,504	2,461,523
Injection Capacity	817,000	817,000	816,000	869,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,321,627	3,321,627	3,274,504	3,334,523
Latest On-System Scheduled Quantity	3,082,494	3,248,503	3,302,807	3,060,333
Total Unused Capacity:	239,133	73,124	0	274,190
Total Excess Receipts:	0	0	(28,303)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,317,893	3,270,820	3,248,503	0	-20,434	0	-23,273	0
Evening	3,318,217	3,303,124	3,302,807	0	-2,015	0	-12,786	0
Intraday 1	3,269,292	3,068,519	3,060,333	0	-928	0	0	0
Intraday 2	3,214,062	3,201,353	3,185,053	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,316,401	2,313,700	2,302,893	0	0	0	0	0	59,547	59,545	48,477	0	0	0	0	0
Evening	2,316,401	2,316,198	2,316,134	0	0	0	0	0	59,547	59,546	59,528	0	0	0	0	0
Intraday 1	2,320,902	2,231,240	2,229,517	0	0	0	0	0	59,547	59,491	54,337	0	0	0	0	0
Intraday 2	2,290,389	2,289,886	2,281,019	0	0	0	0	0	59,547	59,547	57,974	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	84,071	83,497	83,278	0	0	0	0	0	857,874	814,078	813,855	0	-20,434	0	-23,273	0
Evening	84,250	84,250	84,220	0	0	0	0	0	858,019	843,130	842,925	0	-2,015	0	-12,786	0
Intraday 1	79,550	78,964	78,768	0	0	0	0	0	809,293	698,824	697,711	0	-928	0	0	0
Intraday 2	79,522	79,311	79,113	0	0	0	0	0	784,604	772,609	766,947	0	0	0	0	0

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

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

**SOUTHERN CALIFORNIA GAS COMPANY
PIPELINE/STATION MAINTENANCE SCHEDULE**

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	05/14/2013	05/17/2013 11:59:59 PM PCT	Honor Rancho - Main unit #5 - Replace packing on #4 compressor. (Force Majeure)	50	51050
Receipt Point	QST-Needles	05/07/2013	05/14/2013 11:59:59 PM PCT	Pig L235-1 from River Station upstream of North-needles to Kelso Compressor Station	420	421000
Storage Field - Wth	Goleta	05/28/2013	05/28/2013 11:59:59 PM PCT	La Goleta - no withdraw while testing tank relief valves.	110	112310
Sub-Zone	TW-Topock/EP-Topock	05/28/2013	05/28/2013 11:59:59 PM PCT	Capacity reduction due to maintenance and upgrade at downstream compressor station - Newberry Springs	90	91260
Sub-Zone	TW-Needles/QST-Needles	05/14/2013	05/21/2013 11:59:59 PM PCT	Pig line 235-1 from kelso Compressor Station to the Newberry Compressor Station.	450	456300
Receipt Point	EP-Ehrenberg	06/04/2013	06/07/2013 11:59:59 PM PCT	EP-Ehrenberg - capacity cut due to pipeline retrofit at Blythe compressor station.	170	172210
Receipt Point	NBP-Blythe	06/04/2013	06/07/2013 11:59:59 PM PCT	North Baja - capacity cut due to pipeline retrofit at Blythe compressor station.	600	611400
Storage Field - Wth	Aliso Canyon	09/16/2013	11/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy II projects and maintenance	750	765750
Storage Field - Wth	Aliso Canyon	06/17/2013	08/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy I projects and maintenance	1100	1123100
Storage Field - Wth	Aliso Canyon	04/16/2013	06/14/2013 11:59:59 PM PCT	Aliso Canyon - Dehy II projects and maintenance	750	765750
Storage Field - Inj	Aliso Canyon	06/03/2013	08/02/2013 11:59:59 PM PCT	Aliso Canyon - Controls upgrade to main units KVS 4 & 5 - one unit at a time.	20	20420
Storage Field - Inj	Goleta	05/13/2013	05/30/2013 11:59:59 PM PCT	Loss of injection capacity due to maintenance at upstream compressor station(Olive Street - rebuild engine HP1)	30	30630
Area Zone	Needles/Topock Area Zone	05/22/2013	05/24/2013 11:59:59 PM PCT	No flow through downstream pipeline L235-2 during stopple fitting insatallation.	490	496860
Area Zone	Needles/Topock Area Zone	06/03/2013	06/07/2013 11:59:59 PM PCT	Relocate and replace launcher and receiver assemblies on L235-2	490	496860
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Storage Field - Wth	Honor Rancho	04/16/2013	10/11/2013 11:59:59 PM PCT	Honor Rancho - Inspection and repairs to Dehy B Train	500	510500

Storage Field - Inj	Aliso Canyon	11/04/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626
<p>Although SoCalGas has used reasonable efforts to assure its accuracy and timeliness, this information is preliminary operational data and can be negatively impacted by delays or errors in electronic transfers, data entry, communication failures, or other causes. No representation is made that the contents are free from error. SoCalGas assumes no responsibility for use of, or reliance on, this information by any party, and specifically advises such parties to discuss any decisions or actions related hereto with their own advisors and experts. Please also note that Storage field injection/withdrawal capacities are adjusted periodically depending on field pressures.</p>						
Last updated: 05/15/2013 07:11:04 AM PCT						

Maintenance Posted 05/16/2013 11:41 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	05/14/2013	05/16/2013 11:41:23 AM PCT	Honor Rancho - Main unit #5 - Replace packing on #4 compressor. (Force Majeure)	50	51650

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,378,303	2,384,318	2,384,318	2,384,318
Injection Capacity	816,000	869,000	869,000	869,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,198,303	3,257,318	3,257,318	3,257,318
Latest On-System Scheduled Quantity	3,302,807	2,829,088	3,094,901	3,086,058
Total Unused Capacity:	0	428,230	162,417	171,260
Total Excess Receipts:	(104,504)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,101,962	3,101,960	3,091,746	0	0	0	0	0
Evening	3,115,619	3,113,489	3,094,901	0	0	0	0	0
Intraday 1	3,106,661	3,106,659	3,086,058	0	0	0	0	0
Intraday 2	3,101,962	3,101,960	3,091,746	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,335,112	2,335,110	2,327,239	0	0	0	0	0	462	462	462	0	0	0	0	0
Evening	2,334,811	2,334,808	2,326,535	0	0	0	0	0	462	462	431	0	0	0	0	0
Intraday 1	2,334,811	2,334,809	2,326,563	0	0	0	0	0	462	462	462	0	0	0	0	0
Intraday 2	2,335,112	2,335,110	2,327,239	0	0	0	0	0	462	462	462	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	62,516	62,516	62,516	0	0	0	0	0	703,872	703,872	701,529	0	0	0	0	0
Evening	62,516	62,516	62,514	0	0	0	0	0	717,830	715,703	705,421	0	0	0	0	0
Intraday 1	62,516	62,516	62,516	0	0	0	0	0	708,872	708,872	696,517	0	0	0	0	0
Intraday 2	62,516	62,516	62,516	0	0	0	0	0	703,872	703,872	701,529	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/17/13.

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

OFO Calculation - 05/18/2013 Archive Event History Today Tomorrow					Flow Date: 05/18/2013
	Timely	Evening	Intraday 1	Intraday 2	
OFO Declared:	YES	YES	YES	YES	
Forecasted Send Out	2,204,843	2,204,843	2,204,843	2,204,843	
Injection Capacity	869,000	869,000	869,000	869,000	
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000	
Net System Capacity:	3,077,843	3,077,843	3,077,843	3,077,843	
Latest On-System Scheduled Quantity	3,094,901	2,871,245	2,913,092	2,957,328	
Total Unused Capacity:	0	206,598	164,751	120,515	
Total Excess Receipts:	(17,058)	0	0	0	

Total								
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,013,056	2,903,917	2,871,245	0	0	0	0	0
Evening	2,993,056	2,984,906	2,913,092	0	0	0	0	0
Intraday 1	2,968,512	2,968,508	2,957,328	0	0	0	0	0
Intraday 2	2,969,702	2,969,699	2,958,519	0	0	0	0	0

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

Firm Primary									Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,255,889	2,217,591	2,196,212	0	0	0	0	0	20,682	20,682	20,461	0	0	0	0	0
Evening	2,255,889	2,249,397	2,182,240	0	0	0	0	0	20,682	20,682	20,108	0	0	0	0	0
Intraday 1	2,204,701	2,204,698	2,195,820	0	0	0	0	0	33,854	33,854	33,854	0	0	0	0	0
Intraday 2	2,204,701	2,204,698	2,195,820	0	0	0	0	0	33,854	33,854	33,854	0	0	0	0	0

Firm Alternate Outside the Zone									Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	72,330	72,329	65,621	0	0	0	0	0	664,155	593,315	588,951	0	0	0	0	0
Evening	72,330	72,330	72,319	0	0	0	0	0	644,155	642,497	638,425	0	0	0	0	0
Intraday 1	108,559	108,559	108,548	0	0	0	0	0	621,398	621,397	619,106	0	0	0	0	0
Intraday 2	108,559	108,559	108,548	0	0	0	0	0	622,588	622,588	620,297	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/18/13.

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,122,625	2,122,625	2,122,625	2,122,625
Injection Capacity	867,000	867,000	867,000	867,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,993,625	2,993,625	2,993,625	2,993,625
Latest On-System Scheduled Quantity	3,085,623	2,855,199	2,851,977	2,875,902
Total Unused Capacity:	0	138,426	141,648	117,723
Total Excess Receipts:	(91,998)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,988,736	2,928,321	2,855,199	0	0	0	0	0
Evening	2,985,390	2,915,054	2,829,086	0	0	0	0	0
Intraday 1	2,963,655	2,936,291	2,875,902	0	0	0	0	0
Intraday 2	2,924,983	2,923,267	2,874,365	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,380,089	2,357,750	2,321,632	0	0	0	0	0	20,382	20,382	20,382	0	0	0	0	0
Evening	2,380,480	2,312,663	2,260,657	0	0	0	0	0	20,382	20,382	20,382	0	0	0	0	0
Intraday 1	2,380,480	2,355,578	2,326,488	0	0	0	0	0	18,782	18,782	18,782	0	0	0	0	0
Intraday 2	2,375,467	2,375,464	2,347,747	0	0	0	0	0	18,782	18,782	18,782	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	62,472	62,303	62,303	0	0	0	0	0	525,793	487,886	450,882	0	0	0	0	0
Evening	62,477	62,477	62,477	0	0	0	0	0	522,051	519,532	485,570	0	0	0	0	0
Intraday 1	64,077	64,077	64,077	0	0	0	0	0	500,316	497,854	466,555	0	0	0	0	0
Intraday 2	64,077	64,077	64,077	0	0	0	0	0	466,657	464,944	443,759	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/25/2013
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

OFO Calculation - 05/27/2013 Archive Event History Today Tomorrow					Flow Date: 05/27/2013	GO
	Timely	Evening	Intraday 1	Intraday 2		
OFO Declared:	NO	YES	YES	YES		
Forecasted Send Out	2,198,827	1,943,149	1,871,961	1,794,756		
Injection Capacity	867,000	867,000	869,000	792,000		
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000		
Net System Capacity:	3,069,827	2,814,149	2,744,961	2,590,756		
Latest On-System Scheduled Quantity	2,944,225	2,923,133	2,924,757	2,640,873		
Total Unused Capacity:	125,602	0	0	0		
Total Excess Receipts:	0	(108,984)	(179,796)	(50,117)		

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,983,679	2,982,732	2,923,133	0	0	0	0	0
Evening	2,983,675	2,983,428	2,924,757	0	0	0	0	0
Intraday 1	2,933,887	2,668,382	2,640,873	-216,818	0	0	0	0
Intraday 2	2,982,588	2,590,753	2,589,091	-324,456	0	0	0	0

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

	Firm Primary							Firm Alternate Inside the Zone								
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,385,496	2,385,495	2,333,748	0	0	0	0	0	20,382	20,382	20,382	0	0	0	0	0
Evening	2,384,132	2,384,130	2,333,747	0	0	0	0	0	21,742	21,742	21,742	0	0	0	0	0
Intraday 1	2,384,132	2,370,125	2,342,620	0	0	0	0	0	21,742	21,705	21,705	0	0	0	0	0
Intraday 2	2,366,850	2,317,141	2,316,100	-30,463	0	0	0	0	21,742	21,700	21,700	-24	0	0	0	0

	Firm Alternate Outside the Zone							Interruptible								
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	62,472	62,472	62,472	0	0	0	0	0	515,329	514,383	506,531	0	0	0	0	0
Evening	62,472	62,472	62,472	0	0	0	0	0	515,329	515,084	506,796	0	0	0	0	0
Intraday 1	62,472	62,466	62,466	0	0	0	0	0	465,541	214,086	214,082	-216,818	0	0	0	0
Intraday 2	79,754	39,327	39,327	-31,197	0	0	0	0	514,242	212,585	211,964	-262,772	0	0	0	0

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

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

Maintenance Posted 05/27/2013 07:31 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	05/27/2013	TBD	Storage Field is full.	75	76575
Storage Field - Wth	Aliso Canyon	05/28/2013	08/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy I projects and maintenance	1100	1123100
Storage Field - Inj	Aliso Canyon	05/28/2013	05/30/2013 11:59:59 PM PCT	Force Majeure Aliso Canyon - Repair rear engine support on K-25	110	112310
Storage Field - Wth	Goleta	05/28/2013	05/28/2013 11:59:59 PM PCT	La Goleta - no withdraw while testing tank relief valves.	110	112310
Sub-Zone	TW-Topock/EP-Topock	05/28/2013	05/28/2013 11:59:59 PM PCT	Capacity reduction due to maintenance and upgrade at downstream compressor station - Newberry Springs	90	91260
Receipt Point	EP-Ehrenberg	06/04/2013	06/07/2013 11:59:59 PM PCT	EP-Ehrenberg - capacity cut due to pipeline retrofit at Blythe compressor station.	170	172210
Receipt Point	NBP-Blythe	06/04/2013	06/07/2013 11:59:59 PM PCT	North Baja - capacity cut due to pipeline retrofit at Blythe compressor station.	600	611400
Storage Field - Wth	Aliso Canyon	09/16/2013	11/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy II projects and maintenance	750	765750
Storage Field - Inj	Aliso Canyon	06/03/2013	08/02/2013 11:59:59 PM PCT	Aliso Canyon - Controls upgrade to main units KVS 4 & 5 - one unit at a time.	20	20420
Storage Field - Inj	Goleta	05/13/2013	05/30/2013 11:59:59 PM PCT	Loss of injection capacity due to maintenance at upstream compressor station(Olive Street - rebuild engine HP1)	30	30630
Area Zone	Needles/Topock Area Zone	06/03/2013	06/07/2013 11:59:59 PM PCT	Relocate and replace launcher and receiver assemblies on L235-2	490	496860
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Storage Field - Wth	Honor Rancho	04/16/2013	10/11/2013 11:59:59 PM PCT	Honor Rancho - Inspection and repairs to Dehy B Train	500	510500
			04/01/2014			

OFO Calculation - 05/28/2013 Archive Event History Today Tomorrow Flow Date: 05/28/2013				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,204,843	2,204,843	2,204,843	2,428,435
Injection Capacity	757,000	680,000	680,000	680,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,965,843	2,888,843	2,888,843	3,112,435
Latest On-System Scheduled Quantity	2,924,757	2,912,225	2,914,008	2,851,015
Total Unused Capacity:	41,086	0	0	261,420
Total Excess Receipts:	0	(23,382)	(25,165)	0

Total								
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,976,960	2,976,958	2,912,225	0	0	0	0	0
Evening	2,976,956	2,976,778	2,914,008	0	0	0	0	0
Intraday 1	2,958,494	2,891,851	2,851,015	-64,051	0	0	0	0
Intraday 2	2,959,015	2,959,013	2,899,053	0	0	0	0	0

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

Firm Primary								Firm Alternate Inside the Zone								
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,383,807	2,383,806	2,328,891	0	0	0	0	0	20,382	20,382	20,382	0	0	0	0	0
Evening	2,382,443	2,382,442	2,328,957	0	0	0	0	0	21,742	21,742	21,742	0	0	0	0	0
Intraday 1	2,359,126	2,356,725	2,328,072	0	0	0	0	0	21,742	21,742	21,742	0	0	0	0	0
Intraday 2	2,359,647	2,359,646	2,331,604	0	0	0	0	0	21,742	21,742	21,742	0	0	0	0	0

Firm Alternate Outside the Zone								Interruptible								
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	62,472	62,472	62,472	0	0	0	0	0	510,299	510,298	500,480	0	0	0	0	0
Evening	62,472	62,472	62,472	0	0	0	0	0	510,299	510,122	500,837	0	0	0	0	0
Intraday 1	85,218	85,218	85,218	0	0	0	0	0	492,408	428,166	415,983	-64,051	0	0	0	0
Intraday 2	85,218	85,218	85,218	0	0	0	0	0	492,408	492,407	460,489	0	0	0	0	0

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

Maintenance Posting 5/27/13 07:31:07 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	05/27/2013	TBD	Storage Field is full.	75	76575
Storage Field - Wth	Aliso Canyon	05/28/2013	08/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy I projects and maintenance	1100	1123100
Storage Field - Inj	Aliso Canyon	05/28/2013	05/30/2013 11:59:59 PM PCT	Force Majeure Aliso Canyon - Repair rear engine support on K-25	110	112310
Storage Field - Wth	Goleta	05/28/2013	05/28/2013 11:59:59 PM PCT	La Goleta - no withdraw while testing tank relief valves.	110	112310
Sub-Zone	TW-Topock/EP-Topock	05/28/2013	05/28/2013 11:59:59 PM PCT	Capacity reduction due to maintenance and upgrade at downstream compressor station - Newberry Springs	90	91260
Receipt Point	EP-Ehrenberg	06/04/2013	06/07/2013 11:59:59 PM PCT	EP-Ehrenberg - capacity cut due to pipeline retrofit at Blythe compressor station.	170	172210
Receipt Point	NBP-Blythe	06/04/2013	06/07/2013 11:59:59 PM PCT	North Baja - capacity cut due to pipeline retrofit at Blythe compressor station.	600	611400
Storage Field - Wth	Aliso Canyon	09/16/2013	11/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy II projects and maintenance	750	765750
Storage Field - Inj	Aliso Canyon	06/03/2013	08/02/2013 11:59:59 PM PCT	Aliso Canyon - Controls upgrade to main units KVS 4 & 5 - one unit at a time.	20	20420
Storage Field - Inj	Goleta	05/13/2013	05/30/2013 11:59:59 PM PCT	Loss of injection capacity due to maintenance at upstream compressor station(Olive Street - rebuild engine HP1)	30	30630
Area Zone	Needles/Topock Area Zone	06/03/2013	06/07/2013 11:59:59 PM PCT	Relocate and replace launcher and receiver assemblies on L235-2	490	496860
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Storage Field - Wth	Honor Rancho	04/16/2013	10/11/2013 11:59:59 PM PCT	Honor Rancho - Inspection and repairs to Dehy B Train	500	510500
Storage Field - Inj	Aliso Canyon	11/04/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Maintenance Posting 05/28/13 02:26:01 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	05/28/2013	05/28/2013 02:26:37 PM PCT	Force Majeure Aliso Canyon - Repair rear engine support on K-25	110	112310
Storage Field - Inj	Playa del Rey	05/27/2013	05/28/2013 02:26:20 PM PCT	Storage Field is full.	75	76575

OFO Calculation - 05/29/2013 Archive Event History Today Tomorrow Flow Date: 05/29/2013				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,461,523	2,474,558	2,540,733	2,540,733
Injection Capacity	680,000	680,000	870,000	839,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,145,523	3,158,558	3,414,733	3,383,733
Latest On-System Scheduled Quantity	2,914,008	3,219,121	3,163,235	3,194,150
Total Unused Capacity:	231,515	0	251,498	189,583
Total Excess Receipts:	0	(60,563)	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,278,703	3,277,499	3,219,121	0	0	0	0	0
Evening	3,281,687	3,199,968	3,163,235	0	0	0	0	0
Intraday 1	3,273,112	3,244,354	3,194,150	0	0	0	0	0
Intraday 2	3,268,099	3,266,895	3,220,643	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,566,011	2,566,010	2,525,324	0	0	0	0	0	14,424	14,424	13,986	0	0	0	0	0
Evening	2,763,295	2,709,590	2,681,844	0	0	0	0	0	21,213	21,213	21,205	0	0	0	0	0
Intraday 1	2,764,828	2,764,820	2,728,129	0	0	0	0	0	21,213	21,213	21,213	0	0	0	0	0
Intraday 2	2,755,540	2,755,539	2,725,697	0	0	0	0	0	21,213	21,213	21,213	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	39,455	39,455	39,440	0	0	0	0	0	658,813	657,610	640,371	0	0	0	0	0
Evening	39,455	39,455	39,453	0	0	0	0	0	457,724	429,710	420,733	0	0	0	0	0
Intraday 1	39,455	39,455	39,454	0	0	0	0	0	447,616	418,866	405,354	0	0	0	0	0
Intraday 2	43,730	43,730	43,729	0	0	0	0	0	447,616	446,413	430,004	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/29/13.
An increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.

**SOUTHERN CALIFORNIA GAS COMPANY
PIPELINE/STATION MAINTENANCE SCHEDULE**

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	05/26/2013	05/28/2013 02:25:37 PM PCT	Force Majeure Aliso Canyon - Repair rear engine support on K-25	110	112310
Storage Field - Inj	Playa del Rey	05/27/2013	05/28/2013 02:25:20 PM PCT	Storage Field is full.	75	76575
Storage Field - Wth	Aliso Canyon	05/28/2013	08/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy I projects and maintenance	1100	1123100
Storage Field - Wth	Goleta	05/28/2013	05/28/2013 11:59:59 PM PCT	La Goleta - no withdraw while testing tank relief valves.	110	112310
Sub-Zone	TW-Topock/EP-Topock	05/28/2013	05/28/2013 11:59:59 PM PCT	Capacity reduction due to maintenance and upgrade at downstream compressor station - Newberry Springs	90	91260
Receipt Point	EP-Ehrenberg	06/04/2013	06/07/2013 11:59:59 PM PCT	EP-Ehrenberg - capacity cut due to pipeline retrofit at Blythe compressor station.	170	172210
Receipt Point	NBP-Blythe	06/04/2013	06/07/2013 11:59:59 PM PCT	North Baja - capacity cut due to pipeline retrofit at Blythe compressor station.	600	611400
Storage Field - Wth	Aliso Canyon	09/16/2013	11/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy II projects and maintenance	750	765750
Storage Field - Inj	Aliso Canyon	06/03/2013	08/02/2013 11:59:59 PM PCT	Aliso Canyon - Controls upgrade to main units KVS 4 & 5 - one unit at a time.	20	20420
Storage Field - Inj	Goleta	05/13/2013	05/30/2013 11:59:59 PM PCT	Loss of injection capacity due to maintenance at upstream compressor station(Olive Street - rebuild engine HP1)	30	30630
Area Zone	Needles/Topock Area Zone	06/03/2013	06/07/2013 11:59:59 PM PCT	Relocate and replace launcher and receiver assemblies on L235-2	490	496860
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Storage Field - Wth	Honor Rancho	04/16/2013	10/11/2013 11:59:59 PM PCT	Honor Rancho - Inspection and repairs to Dehy B Train	500	510500
Storage Field - Inj	Aliso Canyon	11/04/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,540,733	2,540,733	2,361,257	2,361,257
Injection Capacity	870,000	839,000	839,000	839,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,414,733	3,383,733	3,204,257	3,204,257
Latest On-System Scheduled Quantity	3,163,235	3,164,784	3,219,254	3,160,044
Total Unused Capacity:	251,498	218,949	0	44,213
Total Excess Receipts:	0	0	(14,997)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,271,497	3,263,885	3,164,784	0	0	0	0	0
Evening	3,271,496	3,271,392	3,219,254	0	0	0	0	0
Intraday 1	3,250,981	3,204,257	3,160,044	-45,865	0	0	0	0
Intraday 2	3,220,773	3,204,258	3,136,842	-1,798	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,615,845	2,610,740	2,537,543	0	0	0	0	0	32,615	32,615	24,859	0	0	0	0	0
Evening	2,600,305	2,600,201	2,565,695	0	0	0	0	0	42,615	42,615	42,541	0	0	0	0	0
Intraday 1	2,595,535	2,595,424	2,573,248	0	0	0	0	0	41,491	41,491	41,488	0	0	0	0	0
Intraday 2	2,592,527	2,588,829	2,562,674	0	0	0	0	0	41,491	41,491	41,489	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	52,081	52,081	52,081	0	0	0	0	0	570,956	568,449	550,301	0	0	0	0	0
Evening	52,620	52,620	52,620	0	0	0	0	0	575,956	575,956	558,398	0	0	0	0	0
Intraday 1	61,595	61,410	61,408	0	0	0	0	0	552,360	505,932	483,900	-45,865	0	0	0	0
Intraday 2	61,595	61,595	61,593	0	0	0	0	0	525,160	512,343	471,086	-1,798	0	0	0	0

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

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	05/13/2013	06/05/2013 11:59:59 PM PCT	Loss of injection capacity due to maintenance at upstream compressor station(Olive Street - rebuild engine HP1)	30	30630
Receipt Point	NBP-Blythe	06/10/2013	06/15/2013 11:59:59 PM PCT	North Baja - capacity cut due to pipeline retrofit at Blythe compressor station.	600	611400
Receipt Point	EP-Ehrenberg	06/10/2013	06/15/2013 11:59:59 PM PCT	EP-Ehrenberg - capacity cut due to pipeline retrofit at Blythe compressor station.	170	172210
Storage Field - Wth	Aliso Canyon	05/28/2013	08/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy I projects and maintenance	1100	1123100
Storage Field - Wth	Aliso Canyon	09/16/2013	11/01/2013 11:59:59 PM PCT	Aliso Canyon - Dehy II projects and maintenance	750	765750
Storage Field - Inj	Aliso Canyon	06/03/2013	08/02/2013 11:59:59 PM PCT	Aliso Canyon - Controls upgrade to main units KVS 4 & 5 - one unit at a time.	20	20420
Area Zone	Needles/Topock Area Zone	06/03/2013	06/07/2013 11:59:59 PM PCT	Relocate and replace launcher and receiver assemblies on L235-2	490	496860
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Storage Field - Wth	Honor Rancho	04/16/2013	10/11/2013 11:59:59 PM PCT	Honor Rancho - Inspection and repairs to Dehy B Train	500	510500
Storage Field - Inj	Aliso Canyon	11/04/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Aliso Canyon	11/01/2013	03/31/2014 11:59:59 PM PCT	Aliso Canyon - Main units K4 and K5 - cooler replacement project	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Home	OFO Ledger	Daily Operations	Operating Capacity	Capacity Utilization	Allocations
OFO Calculation - 05/31/2013 Archive Event History Today Tomorrow					Flow Date: 05/31/2013 <input type="button" value="GO"/> De:
		Timely	Evening	Intraday 1	Intraday 2
OFO Declared:		YES	YES	YES	YES
Forecasted Send Out		2,361,257	2,361,257	2,464,531	2,540,733
Injection Capacity		839,000	839,000	839,000	839,000
Latest Off-System Scheduled Quantity		4,000	4,000	4,000	4,000
Net System Capacity:		3,204,257	3,204,257	3,307,531	3,383,733
Latest On-System Scheduled Quantity		3,219,254	2,918,509	2,944,266	2,991,200
Total Unused Capacity:		0	285,748	363,265	392,533
Total Excess Receipts:		(14,997)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,044,453	2,956,718	2,918,509	0	0	0	0	0
Evening	3,051,433	3,033,782	2,944,266	0	0	0	0	0
Intraday 1	3,051,433	3,051,229	3,015,444	0	0	0	0	0
Intraday 2	3,046,442	3,046,238	2,988,685	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,452,809	2,416,430	2,382,502	0	0	0	0	0	9,714	9,714	7,397	0	0	0	0	0
Evening	2,449,482	2,436,778	2,413,414	0	0	0	0	0	19,714	19,714	19,244	0	0	0	0	0
Intraday 1	2,449,482	2,449,413	2,432,257	0	0	0	0	0	19,714	19,714	19,714	0	0	0	0	0
Intraday 2	2,442,951	2,442,882	2,431,966	0	0	0	0	0	19,714	19,714	19,712	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	31,811	31,811	31,632	0	0	0	0	0	550,119	498,763	496,978	0	0	0	0	0
Evening	32,657	32,541	32,541	0	0	0	0	0	549,580	544,749	479,067	0	0	0	0	0
Intraday 1	32,657	32,522	32,522	0	0	0	0	0	549,580	549,580	530,951	0	0	0	0	0
Intraday 2	34,197	34,062	34,062	0	0	0	0	0	549,580	549,580	502,945	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 05/31/2013

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,319,146	2,319,146	2,215,872	2,211,861
Injection Capacity	853,000	853,000	853,000	851,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	3,175,146	3,175,146	3,071,872	3,065,861
Latest On-System Scheduled Quantity	3,111,633	3,006,735	3,109,682	3,064,132
Total Unused Capacity:	63,513	168,411	0	1,729
Total Excess Receipts:	0	0	(37,810)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,081,336	3,071,327	3,006,735	0	0	0	0	0
Evening	3,123,837	3,122,828	3,109,682	0	0	0	0	0
Intraday 1	3,095,503	3,071,872	3,064,132	-20,327	0	0	0	0
Intraday 2	3,072,290	3,065,861	3,054,616	-5,418	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,474,883	2,474,876	2,464,783	0	0	0	0	0	174,733	174,733	174,732	0	0	0	0	0
Evening	2,474,883	2,473,876	2,472,604	0	0	0	0	0	174,733	174,733	174,577	0	0	0	0	0
Intraday 1	2,514,903	2,512,814	2,509,614	0	0	0	0	0	174,733	174,733	174,577	0	0	0	0	0
Intraday 2	2,509,890	2,508,881	2,504,427	0	0	0	0	0	172,233	172,233	172,101	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	22,030	22,030	21,150	0	0	0	0	0	409,690	399,688	346,070	0	0	0	0	0
Evening	22,030	22,030	22,030	0	0	0	0	0	452,191	452,189	440,471	0	0	0	0	0
Intraday 1	36,999	36,999	36,999	0	0	0	0	0	368,868	347,326	342,942	-20,327	0	0	0	0
Intraday 2	31,799	31,799	31,799	0	0	0	0	0	358,368	352,948	346,289	-5,418	0	0	0	0

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,268,010	2,262,997	2,262,997	2,340,202
Injection Capacity	853,000	851,000	851,000	851,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	3,124,010	3,116,997	3,116,997	3,194,202
Latest On-System Scheduled Quantity	3,109,682	3,151,445	3,146,102	3,099,032
Total Unused Capacity:	14,328	0	0	95,170
Total Excess Receipts:	0	(34,448)	(29,105)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,164,702	3,163,693	3,151,445	0	0	0	0	0
Evening	3,159,902	3,158,726	3,146,102	0	0	0	0	0
Intraday 1	3,144,902	3,116,996	3,099,032	-10,931	0	0	0	0
Intraday 2	3,129,534	3,125,907	3,111,336	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,635,883	2,634,876	2,626,140	0	0	0	0	0	174,733	174,733	174,588	0	0	0	0	0
Evening	2,716,043	2,715,034	2,706,659	0	0	0	0	0	174,733	174,733	174,588	0	0	0	0	0
Intraday 1	2,716,043	2,699,148	2,687,949	0	0	0	0	0	174,733	174,733	174,732	0	0	0	0	0
Intraday 2	2,711,030	2,710,021	2,699,017	0	0	0	0	0	174,733	174,733	174,732	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	22,030	22,030	22,030	0	0	0	0	0	332,056	332,054	328,687	0	0	0	0	0
Evening	22,030	22,030	22,030	0	0	0	0	0	247,096	246,929	242,825	0	0	0	0	0
Intraday 1	22,030	22,030	22,030	0	0	0	0	0	232,096	221,085	214,321	-10,931	0	0	0	0
Intraday 2	17,030	17,030	17,030	0	0	0	0	0	226,741	224,123	220,557	0	0	0	0	0

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,161,945	2,161,945	2,284,282	2,284,282
Injection Capacity	311,000	260,000	261,000	261,000
Latest Off-System Scheduled Quantity	7,956	7,950	7,998	8,000
Net System Capacity:	2,480,901	2,429,895	2,553,280	2,553,282
Latest On-System Scheduled Quantity	2,795,701	2,575,819	2,639,465	2,525,585
Total Unused Capacity:	0	0	0	27,697
Total Excess Receipts:	(314,800)	(145,924)	(86,185)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,744,711	2,712,168	2,575,819	0	0	0	0	0
Evening	2,695,556	2,686,585	2,639,465	0	0	0	0	0
Intraday 1	2,692,556	2,553,279	2,525,585	-130,510	0	0	0	0
Intraday 2	2,654,020	2,553,282	2,520,858	-96,097	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,466,640	2,439,167	2,325,641	0	0	0	0	0	524	524	524	0	0	0	0	0
Evening	2,438,444	2,429,926	2,391,164	0	0	0	0	0	524	524	524	0	0	0	0	0
Intraday 1	2,435,444	2,419,454	2,391,761	-7,676	0	0	0	0	524	175	175	-349	0	0	0	0
Intraday 2	2,409,795	2,405,478	2,374,913	0	0	0	0	0	524	524	524	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	21,189	19,914	19,914	0	0	0	0	0	256,358	252,563	229,740	0	0	0	0	0
Evening	24,502	24,350	24,350	0	0	0	0	0	232,086	231,785	223,427	0	0	0	0	0
Intraday 1	27,502	20,648	20,648	-6,702	0	0	0	0	229,086	113,002	113,001	-115,783	0	0	0	0
Intraday 2	27,502	27,355	27,355	0	0	0	0	0	216,199	119,925	118,066	-96,097	0	0	0	0

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

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/01/2013	03/15/2014 11:59:59 PM PCT	Honor Rancho - M/U #4 Annual overhaul	50	51050
Storage Field - Inj	Honor Rancho	09/30/2013	11/01/2013 02:34:44 PM PCT	Force Majeure - Honor Rancho - Unplanned - MU#4 Broken Cam Cover	50	51050
Storage Field - Inj	Aliso Canyon	11/16/2013	12/13/2013 11:59:59 PM PCT	Aliso Canyon - KVS#2 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	01/16/2014	03/31/2014 11:59:59 PM PCT	Aliso Canyon - K4 and K5 cooler replacement project	40	40840
Storage Field - Inj	Aliso Canyon	09/23/2013	12/06/2013 11:59:59 PM PCT	Aliso Canyon - KVS#1 perform compressor maintenance and critical inspections.	20	20420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/17/2013	11/07/2013 11:59:59 PM PCT	L2000 - Hydro test line from MLV 13 to MLV 21	100	101300
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Playa del Rey	10/28/2013	11/15/2013 11:59:59 PM PCT	Tie -in replacement section of L1167 to Compressor Station and tank farm.	75	76575
Storage Field - With	Playa del Rey	10/28/2013	11/15/2013 11:59:59 PM PCT	Tie-in replacement section of L1167 to Compressor Station and tank farm.	340	347140
Storage Field - With	Aliso Canyon	11/01/2013	11/15/2013 11:59:59 PM PCT	Aliso Canyon - All withdraw out of service due to SOX required field high inventory shut in	1850	1888850

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,310,353	2,310,353	2,303,334	2,380,547
Injection Capacity	261,000	261,000	260,000	209,000
Latest Off-System Scheduled Quantity	7,998	7,949	7,999	8,000
Net System Capacity:	2,579,351	2,579,302	2,571,333	2,597,547
Latest On-System Scheduled Quantity	2,639,465	2,667,255	2,693,129	2,571,274
Total Unused Capacity:	0	0	0	26,273
Total Excess Receipts:	(60,114)	(87,953)	(121,796)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,723,896	2,718,024	2,667,255	0	0	0	0	0
Evening	2,735,896	2,730,742	2,693,129	0	0	0	0	0
Intraday 1	2,723,771	2,571,333	2,571,274	-150,436	0	0	0	0
Intraday 2	2,718,492	2,597,548	2,581,414	-114,399	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,603,152	2,597,574	2,555,176	0	0	0	0	0	524	524	524	0	0	0	0	0
Evening	2,603,152	2,600,118	2,569,910	0	0	0	0	0	524	524	524	0	0	0	0	0
Intraday 1	2,603,152	2,530,258	2,530,199	-71,039	0	0	0	0	524	175	175	-349	0	0	0	0
Intraday 2	2,605,059	2,556,473	2,540,339	-42,399	0	0	0	0	524	175	175	-349	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	17,669	17,517	17,517	0	0	0	0	0	102,551	102,409	94,038	0	0	0	0	
Evening	17,669	17,482	17,482	0	0	0	0	0	114,551	112,618	105,213	0	0	0	0	
Intraday 1	17,669	5,826	5,826	-11,696	0	0	0	0	102,426	35,074	35,074	-67,352	0	0	0	
Intraday 2	17,669	5,826	5,826	-11,696	0	0	0	0	95,240	35,074	35,074	-59,955	0	0	0	

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

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/03/2013	11/04/2013 11:59:59 PM PCT	Force Majeure - Honor Rancho - Main unit #2 oil leak	50	51050
Storage Field - Inj	Honor Rancho	11/01/2013	03/15/2014 11:59:59 PM PCT	Honor Rancho - M/U #4 Annual overhaul	50	51050
Storage Field - Inj	Aliso Canyon	11/16/2013	12/13/2013 11:59:59 PM PCT	Aliso Canyon - KVS#2 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	01/16/2014	03/31/2014 11:59:59 PM PCT	Aliso Canyon - K4 and K5 cooler replacement project	40	40840
Storage Field - Inj	Aliso Canyon	09/23/2013	12/06/2013 11:59:59 PM PCT	Aliso Canyon - KVS#1 perform compressor maintenance and critical inspections.	20	20420
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/17/2013	11/07/2013 11:59:59 PM PCT	L2000 - Hydro test line from MLV 13 to MLV 21	100	101300
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Playa del Rey	10/28/2013	11/15/2013 11:59:59 PM PCT	Tie -in replacement section of L1167 to Compressor Station and tank farm.	75	76575
Storage Field - Wth	Playa del Rey	10/28/2013	11/15/2013 11:59:59 PM PCT	Tie-in replacement section of L1167 to Compressor Station and tank farm.	340	347140
Storage Field - Wth	Aliso Canyon	11/01/2013	11/15/2013 11:59:59 PM PCT	Aliso Canyon - All withdraw out of service due to SOX required field high inventory shut in	1850	1888850
Storage Field - Inj	Aliso Canyon	11/01/2013	11/15/2013 11:59:59 PM PCT	Aliso Canyon - All remaining injection out of service due to SOX required field high inventory shut in	60	61260
Storage Field - Inj	Goleta	10/03/2013	11/04/2013 11:59:59 PM PCT	MU#9 Annual Maintenance inspection.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	09/11/2013	TBD	Force Majeure - L2001/1030 isolated due to anomalies discovered during Pipeline Integrity inspections. Estimated time to complete repairs 6 weeks from 9/23/13 Note: Total capacity reduction at Ehrenburg 462mmcf/d	160	162080
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,672,349	2,677,363	2,677,363	2,652,294
Injection Capacity	261,000	261,000	261,000	261,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	2,941,349	2,946,363	2,946,363	2,921,294
Latest On-System Scheduled Quantity	3,110,306	2,656,295	2,640,047	2,712,613
Total Unused Capacity:	0	290,068	306,316	208,681
Total Excess Receipts:	(168,957)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,764,555	2,762,694	2,656,295	0	0	0	0	0
Evening	2,715,268	2,660,732	2,640,047	0	0	0	0	0
Intraday 1	2,754,821	2,754,187	2,712,613	0	0	0	0	0
Intraday 2	2,769,824	2,769,217	2,723,410	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,578,663	2,576,949	2,495,916	0	0	0	0	0	5,000	5,000	0	0	0	0	0	0
Evening	2,491,376	2,485,866	2,485,311	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Intraday 1	2,508,394	2,507,907	2,486,481	0	0	0	0	0	7,535	7,535	7,535	0	0	0	0	0
Intraday 2	2,523,394	2,522,937	2,497,295	0	0	0	0	0	7,538	7,535	7,535	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	70,680	70,533	70,221	0	0	0	0	0	110,212	110,212	90,158	0	0	0	0	0
Evening	70,680	22,937	22,937	0	0	0	0	0	148,212	146,929	126,799	0	0	0	0	0
Intraday 1	70,680	70,533	70,515	0	0	0	0	0	168,212	168,212	148,082	0	0	0	0	0
Intraday 2	70,680	70,533	70,498	0	0	0	0	0	168,212	168,212	148,082	0	0	0	0	0

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,471,797	2,368,513	2,394,585	2,471,797
Injection Capacity	261,000	261,000	261,000	261,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	2,740,797	2,637,513	2,663,585	2,740,797
Latest On-System Scheduled Quantity	2,640,047	2,544,829	2,758,972	2,657,797
Total Unused Capacity:	100,750	92,684	0	83,000
Total Excess Receipts:	0	0	(95,387)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,747,820	2,691,397	2,544,829	0	0	0	0	0
Evening	2,838,439	2,836,570	2,758,972	0	0	0	0	0
Intraday 1	2,804,423	2,663,585	2,657,797	-123,947	0	0	0	0
Intraday 2	2,781,090	2,740,796	2,699,488	-33,395	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,676,342	2,620,067	2,493,389	0	0	0	0	0	6,967	6,967	6,802	0	0	0	0	0
Evening	2,727,363	2,725,642	2,660,225	0	0	0	0	0	40,110	40,110	36,102	0	0	0	0	0
Intraday 1	2,688,781	2,630,668	2,624,880	-45,701	0	0	0	0	45,110	12,034	12,034	-32,078	0	0	0	0
Intraday 2	2,667,781	2,661,040	2,627,466	0	0	0	0	0	40,110	40,110	36,102	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	43,045	42,897	24,890	0	0	0	0	0	21,466	21,466	19,748	0	0	0	0	0
Evening	49,500	49,352	42,897	0	0	0	0	0	21,466	21,466	19,748	0	0	0	0	0
Intraday 1	50,370	14,300	14,300	-35,922	0	0	0	0	20,162	6,583	6,583	-10,246	0	0	0	0
Intraday 2	56,370	33,063	29,337	-23,149	0	0	0	0	16,829	6,583	6,583	-10,246	0	0	0	0

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,445,726	2,445,726	2,445,726	2,549,010
Injection Capacity	261,000	261,000	261,000	261,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	2,714,726	2,714,726	2,714,726	2,818,010
Latest On-System Scheduled Quantity	2,758,972	2,695,913	2,700,962	2,670,807
Total Unused Capacity:	0	18,813	13,764	147,203
Total Excess Receipts:	(44,246)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,833,957	2,806,516	2,695,913	0	0	0	0	0
Evening	2,811,457	2,789,491	2,700,962	0	0	0	0	0
Intraday 1	2,747,967	2,714,725	2,670,807	-13,324	0	0	0	0
Intraday 2	2,697,167	2,690,787	2,623,683	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,728,533	2,701,240	2,622,514	0	0	0	0	0	40,110	40,110	38,238	0	0	0	0	0
Evening	2,769,208	2,747,389	2,665,461	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,705,718	2,686,195	2,642,413	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,654,890	2,648,905	2,591,001	0	0	0	0	0	0	0	0	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	49,500	49,352	25,948	0	0	0	0	0	15,814	15,814	9,213	0	0	0	0	
Evening	26,435	26,288	26,288	0	0	0	0	0	15,814	15,814	9,213	0	0	0	0	
Intraday 1	26,435	25,458	25,458	-830	0	0	0	0	15,814	3,072	2,936	-12,494	0	0	0	
Intraday 2	26,463	26,316	26,316	0	0	0	0	0	15,814	15,566	6,366	0	0	0	0	

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

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	3,012,284	3,012,284	2,986,212	2,780,647
Injection Capacity	261,000	261,000	210,000	210,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	3,281,284	3,281,284	3,204,212	2,998,647
Latest On-System Scheduled Quantity	3,113,362	3,191,882	3,286,448	3,197,659
Total Unused Capacity:	167,922	89,402	0	0
Total Excess Receipts:	0	0	(82,236)	(199,012)

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,336,389	3,257,968	3,191,882	0	-25,511	0	-52,760	0
Evening	3,336,389	3,336,235	3,286,448	0	0	0	0	0
Intraday 1	3,330,344	3,204,209	3,197,659	-103,153	0	0	0	0
Intraday 2	3,323,124	2,998,647	2,998,615	-298,390	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,083,494	3,083,489	3,031,453	0	0	0	0	0	13,063	13,062	8,298	0	0	0	0	0
Evening	3,183,770	3,183,765	3,163,044	0	0	0	0	0	13,063	13,062	9,094	0	0	0	0	0
Intraday 1	3,212,822	3,163,071	3,156,521	-49,319	0	0	0	0	13,063	3,032	3,032	-10,030	0	0	0	0
Intraday 2	3,199,585	2,957,509	2,957,477	-238,478	0	0	0	0	13,063	3,032	3,032	-10,030	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	34,762	34,615	32,543	0	0	0	0	0	205,070	126,802	119,588	0	-25,511	0	-52,760	0
Evening	34,762	34,615	32,543	0	0	0	0	0	104,794	104,793	81,767	0	0	0	0	0
Intraday 1	28,745	10,849	10,849	-17,700	0	0	0	0	75,714	27,257	27,257	-26,104	0	0	0	0
Intraday 2	34,762	10,849	10,849	-23,611	0	0	0	0	75,714	27,257	27,257	-26,271	0	0	0	0

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

* CCR-S cuts were due to customer over nomination within the Kern River/Mojave - Kramer Junction Sub- zone.

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

Maintenance Posted 11/13/13 06:04:27 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	11/13/2013	11/14/2013 11:59:59 PM PCT	Honor Rancho MU #2 Perform unplanned bypass valve maintenance.	50	51050
Storage Field - Inj	Goleta	11/14/2013	TBD	Goleta MU #9 Perform unplanned engine cylinder balancing.	30	30630
Storage Field - Inj	Goleta	10/03/2013	11/13/2013 05:54:42 PM PCT	MU#9 Annual Maintenance inspection. Extended for unplanned change of work scope	30	30630
Storage Field - Wth	Aliso Canyon	11/16/2013	TBD	L1181 isolated for anomaly repair.	500	510500
Zone	CP-Line 85	11/13/2013	11/22/2013 11:59:59 PM PCT	L85 Zone - L8109 shutdown for pig launcher & receiver retrofits.	30	34500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/08/2013	11/15/2013 11:59:59 PM PCT	L2000 - Anomaly repair between V3 and V4.	100	101300
Storage Field - Inj	Honor Rancho	11/01/2013	03/15/2014 11:59:59 PM PCT	Honor Rancho - M/U #4 Annual overhaul	50	51050
Storage Field - Inj	Aliso Canyon	11/16/2013	12/13/2013 11:59:59 PM PCT	Aliso Canyon - KVS#2 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	01/16/2014	03/31/2014 11:59:59 PM PCT	Aliso Canyon - K4 and K5 cooler replacement project	40	40840
Storage Field - Inj	Aliso Canyon	09/23/2013	12/06/2013 11:59:59 PM PCT	Aliso Canyon - KVS#1 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Playa del Rey	10/28/2013	11/15/2013 11:59:59 PM PCT	Tie -in replacement section of L1167 to Compressor Station and tank farm.	75	76575
Storage Field - Wth	Playa del Rey	10/28/2013	11/15/2013 11:59:59 PM PCT	Tie-in replacement section of L1167 to Compressor Station and tank farm.	340	347140
Storage Field - Wth	Aliso Canyon	11/01/2013	11/15/2013 11:59:59 PM PCT	Aliso Canyon - All withdraw out of service due to SOX required field high inventory shut in	1850	1888850
Storage Field - Inj	Aliso Canyon	11/01/2013	11/15/2013 11:59:59 PM PCT	Aliso Canyon - All remaining injection out of service due to SOX required field high inventory shut in	60	61260
Sub-Zone	EP-Ehrenberg/NBP-Blythe	09/11/2013	TBD	Force Majeure - L2001/1030 isolated due to anomalies discovered during Pipeline Integrity inspections. Estimated time to complete repairs 6 weeks from 9/23/13 Note: Total capacity reduction at Ehrenburg 462mmcf/d	160	162080
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,780,647	2,600,150	2,600,150	2,549,010
Injection Capacity	261,000	261,000	338,000	338,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	3,049,647	2,869,150	2,946,150	2,895,010
Latest On-System Scheduled Quantity	3,286,448	2,848,929	2,916,664	2,906,458
Total Unused Capacity:	0	20,221	29,486	0
Total Excess Receipts:	(236,801)	0	0	(11,448)

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,952,807	2,926,738	2,848,929	0	0	0	0	0
Evening	2,952,807	2,942,375	2,916,664	0	0	0	0	0
Intraday 1	2,950,303	2,941,691	2,906,458	0	0	0	0	0
Intraday 2	2,942,784	2,895,012	2,891,022	-28,959	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,815,200	2,811,715	2,738,255	0	0	0	0	0	11	11	11	0	0	0	0	0
Evening	2,815,200	2,812,080	2,800,004	0	0	0	0	0	11	11	11	0	0	0	0	0
Intraday 1	2,816,307	2,814,299	2,798,445	0	0	0	0	0	11	11	11	0	0	0	0	0
Intraday 2	2,816,307	2,798,466	2,794,481	-15,673	0	0	0	0	11	11	11	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	17,957	17,625	17,625	0	0	0	0	0	119,639	97,387	93,038	0	0	0	0	0
Evening	17,957	17,629	17,629	0	0	0	0	0	119,639	112,655	99,020	0	0	0	0	0
Intraday 1	17,957	17,643	17,611	0	0	0	0	0	116,028	109,738	90,391	0	0	0	0	0
Intraday 2	17,957	14,143	14,140	-3,470	0	0	0	0	108,509	82,392	82,390	-9,816	0	0	0	0

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

Maintenance Posting 11/14/13 05:40:31 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Wth	Playa del Rey	40/28/2013	11/14/2013 05:39:38 PM PCT	Tie-in replacement section of L1167 to Compressor Station and tank farm.	340	347140
Storage Field - Inj	Playa del Rey	40/28/2013	11/14/2013 05:39:24 PM PCT	Tie-in replacement section of L1167 to Compressor Station and tank farm.	75	76575
Storage Field - Inj	Goleta	11/14/2013	TBD	Goleta MU #9 Perform unplanned engine cylinder balancing.	30	30630
Storage Field - Wth	Aliso Canyon	11/16/2013	TBD	L1181 isolated for anomaly repair.	500	510500
Zone	CP-Line 85	11/13/2013	11/22/2013 11:59:59 PM PCT	L85 Zone - L8109 shutdown for pig launcher & receiver retrofits.	30	34500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/08/2013	11/15/2013 11:59:59 PM PCT	L2000 - Anomaly repair between V3 and V4.	100	101300
Storage Field - Inj	Honor Rancho	11/01/2013	03/15/2014 11:59:59 PM PCT	Honor Rancho - M/U #4 Annual overhaul	50	51050
Storage Field - Inj	Aliso Canyon	11/16/2013	12/13/2013 11:59:59 PM PCT	Aliso Canyon - KVS#2 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	01/16/2014	03/31/2014 11:59:59 PM PCT	Aliso Canyon - K4 and K5 cooler replacement project	40	40840
Storage Field - Inj	Aliso Canyon	09/23/2013	12/06/2013 11:59:59 PM PCT	Aliso Canyon - KVS#1 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Wth	Aliso Canyon	11/01/2013	11/15/2013 11:59:59 PM PCT	Aliso Canyon - All withdraw out of service due to SOX required field high inventory shut in	1850	1888850
Storage Field - Inj	Aliso Canyon	11/01/2013	11/15/2013 11:59:59 PM PCT	Aliso Canyon - All remaining injection out of service due to SOX required field high inventory shut in	60	61260
Sub-Zone	EP-Ehrenberg/NBP-Blythe	09/11/2013	TBD	Force Majeure - L2001/1030 isolated due to anomalies discovered during Pipeline Integrity inspections. Estimated time to complete repairs 6 weeks from 9/23/13 Note: Total capacity reduction at Ehrenburg 462mmcf/d	160	162080
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,419,654	2,342,442	2,338,431	2,329,406
Injection Capacity	400,000	400,000	399,000	398,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	2,827,654	2,750,442	2,745,431	2,735,406
Latest On-System Scheduled Quantity	2,916,664	2,744,319	2,772,951	2,728,786
Total Unused Capacity:	0	6,123	0	6,620
Total Excess Receipts:	(89,010)	0	(27,520)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,876,020	2,824,926	2,744,319	0	0	0	0	0
Evening	2,879,892	2,850,215	2,772,951	0	0	0	0	0
Intraday 1	2,879,892	2,745,431	2,728,786	-104,612	0	0	0	0
Intraday 2	2,879,892	2,735,406	2,729,538	-114,678	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,777,774	2,740,202	2,682,682	0	0	0	0	0	450	450	109	0	0	0	0	0
Evening	2,778,978	2,762,848	2,706,150	0	0	0	0	0	450	450	450	0	0	0	0	0
Intraday 1	2,778,978	2,723,158	2,706,513	-39,597	0	0	0	0	450	150	150	-300	0	0	0	0
Intraday 2	2,778,978	2,713,133	2,707,265	-49,688	0	0	0	0	450	150	150	-300	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	10,614	10,467	10,260	0	0	0	0	0	87,182	73,807	51,268	0	0	0	0	0
Evening	10,614	10,380	10,380	0	0	0	0	0	89,850	76,537	55,971	0	0	0	0	0
Intraday 1	10,614	3,463	3,463	-6,914	0	0	0	0	89,850	18,660	18,660	-57,801	0	0	0	0
Intraday 2	10,614	3,463	3,463	-6,824	0	0	0	0	89,850	18,660	18,660	-57,866	0	0	0	0

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

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

Maintenance Posted 11/15/13 05:35:41 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	11/01/2013	11/15/2013 05:35:32 PM PCT	Aliso Canyon - All remaining injection out of service due to SOX required field high inventory shut in	60	61260
Storage Field - With	Aliso Canyon	11/01/2013	11/15/2013 05:35:06 PM PCT	Aliso Canyon - All withdraw out of service due to SOX required field high inventory shut in	1050	1000050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/08/2013	TBD	L2000 - Anomaly repair between V3 and V4.	100	101300
Storage Field - Inj	Goleta	11/14/2013	TBD	Goleta MU #9 Perform unplanned engine cylinder balancing.	30	30630
Storage Field - With	Aliso Canyon	11/16/2013	TBD	L1181 isolated for anomaly repair.	500	510500
Zone	CP-Line 85	11/13/2013	11/22/2013 11:59:59 PM PCT	L85 Zone - L8109 shutdown for pig launcher & receiver retrofits.	30	34500
Storage Field - Inj	Honor Rancho	11/01/2013	03/15/2014 11:59:59 PM PCT	Honor Rancho - M/U #4 Annual overhaul	50	51050
Storage Field - Inj	Aliso Canyon	11/16/2013	12/13/2013 11:59:59 PM PCT	Aliso Canyon - KVS#2 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	01/16/2014	03/31/2014 11:59:59 PM PCT	Aliso Canyon - K4 and K5 cooler replacement project	40	40840
Storage Field - Inj	Aliso Canyon	09/23/2013	12/06/2013 11:59:59 PM PCT	Aliso Canyon - KVS#1 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Sub-Zone	EP-Ehrenberg/NBP-Blythe	09/11/2013	TBD	Force Majeure - L2001/1030 isolated due to anomalies discovered during Pipeline Integrity inspections. Estimated time to complete repairs 6 weeks from 9/23/13 Note: Total capacity reduction at Ehrenburg 462mmcf/d	160	162080
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,364,502	2,354,475	2,456,756	2,555,026
Injection Capacity	399,000	398,000	372,000	371,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	2,771,502	2,760,475	2,836,756	2,934,026
Latest On-System Scheduled Quantity	2,772,951	2,799,638	2,801,225	2,811,617
Total Unused Capacity:	0	0	35,531	122,409
Total Excess Receipts:	(1,449)	(39,163)	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,894,495	2,865,272	2,799,638	0	0	0	0	0
Evening	2,871,041	2,840,730	2,801,225	0	0	0	0	0
Intraday 1	2,879,158	2,836,759	2,811,617	-18,318	0	0	0	0
Intraday 2	2,828,403	2,813,480	2,773,127	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,737,230	2,721,601	2,674,505	0	0	0	0	0	450	450	450	0	0	0	0	0
Evening	2,702,230	2,685,746	2,664,463	0	0	0	0	0	450	450	450	0	0	0	0	0
Intraday 1	2,710,746	2,700,027	2,675,268	0	0	0	0	0	450	450	450	0	0	0	0	0
Intraday 2	2,703,254	2,703,245	2,680,512	0	0	0	0	0	450	450	450	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	10,614	10,467	10,235	0	0	0	0	0	146,201	132,754	114,448	0	0	0	0	0
Evening	10,614	10,235	10,235	0	0	0	0	0	157,747	144,299	126,077	0	0	0	0	0
Intraday 1	10,614	10,269	10,235	0	0	0	0	0	157,348	126,013	125,664	-18,318	0	0	0	0
Intraday 2	10,614	10,467	10,235	0	0	0	0	0	114,085	99,318	81,930	0	0	0	0	0

* CCR-C cuts were due to reduction in storage field injection capacity and customer over nominations.

**SOUTHERN CALIFORNIA GAS COMPANY
PIPELINE/STATION MAINTENANCE SCHEDULE**

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	11/16/2013	11/21/2013 11:59:59 PM PCT	Unplanned - Unit CB6 ignition failure	25	25525
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/08/2013	TBD	L2000 - Anomaly repair between V3 and V4.	100	101300
Storage Field - Inj	Goleta	11/14/2013	TBD	Goleta MU #9 Perform unplanned engine cylinder balancing.	30	30630
Storage Field - Wth	Aliso Canyon	11/16/2013	TBD	L1181 isolated for anomaly repair.	500	510500
Zone	CP-Line 85	11/13/2013	11/22/2013 11:59:59 PM PCT	L85 Zone - L8109 shutdown for pig launcher & receiver retrofits.	30	34500
Storage Field - Inj	Honor Rancho	11/01/2013	03/15/2014 11:59:59 PM PCT	Honor Rancho - M/U #4 Annual overhaul	50	51050
Storage Field - Inj	Aliso Canyon	11/16/2013	12/13/2013 11:59:59 PM PCT	Aliso Canyon - KVS#2 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	01/16/2014	03/31/2014 11:59:59 PM PCT	Aliso Canyon - K4 and K5 cooler replacement project	40	40840
Storage Field - Inj	Aliso Canyon	09/23/2013	12/06/2013 11:59:59 PM PCT	Aliso Canyon - KVS#1 perform compressor maintenance and critical inspections.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Sub-Zone	EP-Ehrenberg/NBP-Blythe	09/11/2013	TBD	Force Majeure - L2001/1030 isolated due to anomalies discovered during Pipeline Integrity inspections. Estimated time to complete repairs 6 weeks from 9/23/13 Note: Total capacity reduction at Ehrenburg 462mmcf/d	160	162080
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,153,105	2,155,112	2,130,029	2,130,029
Injection Capacity	332,000	332,000	332,000	332,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,491,105	2,493,112	2,468,029	2,468,029
Latest On-System Scheduled Quantity	2,544,245	2,324,942	2,352,951	2,361,910
Total Unused Capacity:	0	168,170	115,078	106,119
Total Excess Receipts:	(53,140)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,459,361	2,434,248	2,324,942	0	0	0	0	-18,500
Evening	2,459,243	2,433,595	2,352,951	0	0	0	0	-20,507
Intraday 1	2,394,132	2,381,483	2,361,910	0	0	0	0	0
Intraday 2	2,360,933	2,360,930	2,336,847	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,186,037	2,179,497	2,071,771	0	0	0	0	-1,500	17,013	13	13	0	0	0	0	-17,000
Evening	2,185,919	2,181,644	2,102,580	0	0	0	0	-3,507	17,013	13	13	0	0	0	0	-17,000
Intraday 1	2,108,919	2,108,637	2,090,924	0	0	0	0	0	17,013	17,013	17,013	0	0	0	0	0
Intraday 2	2,091,953	2,091,950	2,069,727	0	0	0	0	0	17,013	17,013	17,013	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	33,996	32,425	32,425	0	0	0	0	0	222,315	222,313	220,733	0	0	0	0	0
Evening	33,996	29,625	29,625	0	0	0	0	0	222,315	222,313	220,733	0	0	0	0	0
Intraday 1	95,996	93,348	93,348	0	0	0	0	0	172,204	162,485	160,625	0	0	0	0	0
Intraday 2	90,980	90,980	90,980	0	0	0	0	0	160,987	160,987	159,127	0	0	0	0	0

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

* CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.

**SOUTHERN CALIFORNIA GAS COMPANY
PIPELINE/STATION MAINTENANCE SCHEDULE**

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	03/07/2014	03/21/2014 11:59:59 PM PCT	Planned - Low inventory shut-in.	40	40840
Storage Field - Inj	Aliso Canyon	03/06/2014	03/27/2014 11:59:59 PM PCT	Planned - KVS #2 EPCC & SavAir project	20	20420
Storage Field - Inj	Honor Rancho	12/02/2013	03/15/2014 11:59:59 PM PCT	Planned - Cooling system upgrades and station maintenance. Injection limited to three units.	100	102100
Storage Field - Inj	Honor Rancho	03/16/2014	04/11/2014 11:59:59 PM PCT	Planned - MU#1 Overhaul.	50	51050
Area Zone	Needles/Topock Area Zone	03/03/2014	03/21/2014 11:59:59 PM PCT	Planned - L4000 isolated between MLV 10 & MLV 11 for anomaly repairs identified by previous internal line inspection.	720	730080
Area Zone	Needles/Topock Area Zone	04/07/2014	04/09/2014 11:59:59 PM PCT	Planned - New pig launcher installation at Newberry compressor station.	540	547560
Storage Field - Inj	Aliso Canyon	02/10/2014	03/31/2014 11:59:59 PM PCT	Planned - KVS #1 EPCC & SavAir project.	20	20420
Storage Field - Inj	Aliso Canyon	12/16/2013	03/31/2014 11:59:59 PM PCT	Planned - KVS #5 rebuild project.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

Although SoCalGas has used reasonable efforts to assure its accuracy and timeliness, this information is preliminary operational data and can be negatively impacted by delays or errors in electronic transfers, data entry, communication failures, or other causes. No representation is made that the contents are free from error. SoCalGas assumes no responsibility for use of, or reliance on, this information by any party, and specifically advises such parties to discuss any decisions or actions related hereto with their own advisors and experts. Please also note that Storage field injection/withdrawal capacities are adjusted periodically depending on field pressures.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	NO	YES	YES
Forecasted Send Out	2,438,046	2,438,046	2,324,671	2,360,791
Injection Capacity	332,000	332,000	306,000	306,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,776,046	2,776,046	2,636,671	2,672,791
Latest On-System Scheduled Quantity	2,370,620	2,668,879	2,677,800	2,606,411
Total Unused Capacity:	405,426	107,167	0	66,380
Total Excess Receipts:	0	0	(41,129)	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C*	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,811,600	2,757,831	2,668,879	0	0	0	0	-48,728
Evening	2,811,599	2,762,831	2,677,800	0	0	0	0	-48,727
Intraday 1	2,649,730	2,636,677	2,606,411	-4,111	0	0	0	0
Intraday 2	2,602,839	2,596,590	2,472,152	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,335,952	2,320,623	2,249,899	0	0	0	0	-15,328	32,913	13	13	0	0	0	0	-32,900
Evening	2,335,951	2,320,623	2,266,668	0	0	0	0	-15,327	32,913	13	13	0	0	0	0	-32,900
Intraday 1	2,277,054	2,273,710	2,266,293	0	0	0	0	0	10,013	10,013	10,013	0	0	0	0	0
Intraday 2	2,263,101	2,262,014	2,140,119	0	0	0	0	0	10,013	10,013	10,013	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	43,885	43,884	43,884	0	0	0	0	0	398,850	393,311	375,083	0	0	0	0	-500
Evening	43,885	43,884	43,884	0	0	0	0	0	398,850	398,311	367,235	0	0	0	0	-500
Intraday 1	126,809	126,808	126,808	0	0	0	0	0	235,854	226,146	203,297	-4,111	0	0	0	0
Intraday 2	118,809	118,808	118,797	0	0	0	0	0	210,916	205,755	203,223	0	0	0	0	0

* CCR-C cuts were due to customer over nominations and both a reduction in Forecasted Send Out and Storage Injection Capacity.

* CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.

SOUTHERN CALIFORNIA GAS COMPANY PIPELINE/STATION MAINTENANCE SCHEDULE

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	03/10/2014	03/13/2014 11:59:59 PM PCT	Unplanned - Main unit #8 out of service due to jacket water leak repair.	25	25525
Storage Field - Wth	Honor Rancho	04/22/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant upgrades.	500	510500
Storage Field - Wth	Honor Rancho	04/14/2014	04/21/2014 11:59:59 PM PCT	Planned - Dehydration plant maintenance and upgrades.	1000	1021000
Storage Field - Inj	Aliso Canyon	03/10/2014	03/21/2014 11:59:59 PM PCT	Planned - KVS #3 EPCC and SavAir project.	20	20420
Storage Field - Wth	Aliso Canyon	07/06/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant 2 out of service for maintenance and project work.	750	765750
Storage Field - Wth	Aliso Canyon	04/14/2014	06/30/2014 11:59:59 PM PCT	Planned - Dehydration plant 1 out of service for maintenance and project work.	1100	1123100
Area Zone	Needles/Topock Area Zone	03/03/2014	03/28/2014 11:59:59 PM PCT	Planned - L4000 isolated between MLV 10 & MLV 11 for anomaly repairs identified by previous internal line inspection. "Update" Shutdown extended due to additional time needed for repairs.	720	730080
Storage Field - Inj	Aliso Canyon	03/07/2014	03/21/2014 11:59:59 PM PCT	Planned - Low inventory shut-in.	40	40840
Storage Field - Inj	Aliso Canyon	03/06/2014	03/27/2014 11:59:59 PM PCT	Planned - KVS #2 EPCC & SavAir project	20	20420
Storage Field - Inj	Honor Rancho	12/02/2013	03/15/2014 11:59:59 PM PCT	Planned - Cooling system upgrades and station maintenance. Injection limited to three units.	100	102100
Storage Field - Inj	Honor Rancho	03/16/2014	04/11/2014 11:59:59 PM PCT	Planned - MU#1 Overhaul.	50	51050
Area Zone	Needles/Topock Area Zone	04/07/2014	04/09/2014 11:59:59 PM PCT	Planned - New pig launcher installation at Newberry compressor station.	540	547560
Storage Field - Inj	Aliso Canyon	12/16/2013	03/31/2014 11:59:59 PM PCT	Planned - KVS #5 rebuild project.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,329,688	2,329,688	2,360,791	2,438,046
Injection Capacity	332,000	332,000	306,000	255,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,667,688	2,667,688	2,672,791	2,699,046
Latest On-System Scheduled Quantity	2,677,800	2,297,147	2,363,248	2,389,849
Total Unused Capacity:	0	370,541	309,543	309,197
Total Excess Receipts:	(10,112)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,464,616	2,412,923	2,297,147	0	0	0	0	-20,787
Evening	2,471,185	2,444,897	2,363,248	0	0	0	0	-22,283
Intraday 1	2,410,835	2,410,680	2,389,849	0	0	0	0	0
Intraday 2	2,420,389	2,420,384	2,400,460	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,126,441	2,087,648	1,978,147	0	0	0	0	-7,887	12,900	0	0	0	0	0	0	-12,900
Evening	2,128,941	2,119,553	2,042,969	0	0	0	0	-9,383	12,900	0	0	0	0	0	0	-12,900
Intraday 1	2,065,941	2,065,936	2,050,450	0	0	0	0	0	12,900	12,900	12,900	0	0	0	0	0
Intraday 2	2,065,941	2,065,936	2,049,965	0	0	0	0	0	12,900	12,900	11,778	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	78,366	78,366	78,366	0	0	0	0	0	246,909	246,909	240,634	0	0	0	0	0
Evening	82,366	78,366	78,366	0	0	0	0	0	246,978	246,978	241,913	0	0	0	0	0
Intraday 1	147,866	147,866	147,866	0	0	0	0	0	184,128	183,978	178,633	0	0	0	0	0
Intraday 2	147,866	147,866	147,866	0	0	0	0	0	193,682	193,682	190,851	0	0	0	0	0

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

* CCR-A cuts were due to customer over nomination within the Needles/Topock Area.

**SOUTHERN CALIFORNIA GAS COMPANY
PIPELINE/STATION MAINTENANCE SCHEDULE**

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	03/10/2014	03/13/2014 11:59:59 PM PCT	Unplanned - Main unit #8 out of service due to jacket water leak repair.	25	25525
Storage Field - Wth	Honor Rancho	04/22/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant upgrades.	500	510500
Storage Field - Wth	Honor Rancho	04/14/2014	04/21/2014 11:59:59 PM PCT	Planned - Dehydration plant maintenance and upgrades.	1000	1021000
Storage Field - Inj	Aliso Canyon	03/10/2014	03/21/2014 11:59:59 PM PCT	Planned - KVS #3 EPCC and SavAir project.	20	20420
Storage Field - Wth	Aliso Canyon	07/06/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant 2 out of service for maintenance and project work.	750	765750
Storage Field - Wth	Aliso Canyon	04/14/2014	06/30/2014 11:59:59 PM PCT	Planned - Dehydration plant 1 out of service for maintenance and project work.	1100	1123100
Area Zone	Needles/Topock Area Zone	03/03/2014	03/28/2014 11:59:59 PM PCT	Planned - L4000 isolated between MLV 10 & MLV 11 for anomaly repairs identified by previous internal line inspection. *Update* Shutdown extended due to additional time needed for repairs.	720	730080
Storage Field - Inj	Aliso Canyon	03/07/2014	03/21/2014 11:59:59 PM PCT	Planned - Low inventory shut-in.	40	40840
Storage Field - Inj	Aliso Canyon	03/06/2014	03/27/2014 11:59:59 PM PCT	Planned - KVS #2 EPCC & SavAir project	20	20420
Storage Field - Inj	Honor Rancho	12/02/2013	03/15/2014 11:59:59 PM PCT	Planned - Cooling system upgrades and station maintenance. Injection limited to three units.	100	102100
Storage Field - Inj	Honor Rancho	03/16/2014	04/11/2014 11:59:59 PM PCT	Planned - MU#1 Overhaul.	50	51050
Area Zone	Needles/Topock Area Zone	04/07/2014	04/09/2014 11:59:59 PM	Planned - New pig launcher installation at Newberry compressor station.	540	547560
Storage Field - Inj	Aliso Canyon	12/16/2013	03/31/2014 11:59:59 PM PCT	Planned - KVS #5 rebuild project.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

**SOUTHERN CALIFORNIA GAS COMPANY
PIPELINE/STATION MAINTENANCE SCHEDULE**

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	03/12/2014	03/12/2014 11:59:59 PM PCT	Unplanned - Main Unit #4 out of service due to a jacket water leak repair.	50	51050
Storage Field - Inj	Playa del Rey	03/10/2014	03/13/2014 11:59:59 PM PCT	Unplanned - Main unit #8 out of service due to jacket water leak repair.	25	25525
Storage Field - Wth	Honor Rancho	04/22/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant upgrades.	500	510500
Storage Field - Wth	Honor Rancho	04/14/2014	04/21/2014 11:59:59 PM PCT	Planned - Dehydration plant maintenance and upgrades.	1000	1021000
Storage Field - Inj	Aliso Canyon	03/10/2014	03/21/2014 11:59:59 PM PCT	Planned - KVS #3 EPCC and SavAir project.	20	20420
Storage Field - Wth	Aliso Canyon	07/06/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant 2 out of service for maintenance and project work.	750	765750
Storage Field - Wth	Aliso Canyon	04/14/2014	06/30/2014 11:59:59 PM PCT	Planned - Dehydration plant 1 out of service for maintenance and project work.	1100	1123100
Area Zone	Needles/Topock Area Zone	03/03/2014	03/28/2014 11:59:59 PM PCT	Planned - L4000 isolated between MLV 10 & MLV 11 for anomaly repairs identified by previous internal line inspection. *Update* Shutdown extended due to additional time needed for repairs.	720	730080
Storage Field - Inj	Aliso Canyon	03/07/2014	03/21/2014 11:59:59 PM PCT	Planned - Low inventory shut-in.	40	40840
Storage Field - Inj	Aliso Canyon	03/06/2014	03/27/2014 11:59:59 PM PCT	Planned - KVS #2 EPCC & SavAir project	20	20420
Storage Field - Inj	Honor Rancho	12/02/2013	03/15/2014 11:59:59 PM PCT	Planned - Cooling system upgrades and station maintenance. Injection limited to three units.	100	102100
Storage Field - Inj	Honor Rancho	03/16/2014	04/11/2014 11:59:59 PM PCT	Planned - MU#1 Overhaul.	50	51050
Area Zone	Needles/Topock Area Zone	04/07/2014	04/09/2014 11:59:59 PM PCT	Planned - New pig launcher installation at Newberry compressor station.	540	547560
Storage Field - Inj	Aliso Canyon	12/16/2013	03/31/2014 11:59:59 PM PCT	Planned - KVS #5 rebuild project.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	NO	YES	YES	YES
Forecasted Send Out	2,334,705	2,334,705	2,385,873	2,480,775
Injection Capacity	306,000	306,000	332,000	332,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,646,705	2,646,705	2,723,873	2,818,775
Latest On-System Scheduled Quantity	2,363,248	2,673,491	2,677,981	2,689,986
Total Unused Capacity:	283,457	0	45,892	128,789
Total Excess Receipts:	0	(26,786)	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C*	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,758,553	2,749,101	2,673,491	0	0	0	0	-1,947
Evening	2,729,320	2,719,868	2,677,981	0	0	0	0	-9,447
Intraday 1	2,762,175	2,723,877	2,689,986	-28,341	0	0	0	-8,451
Intraday 2	2,757,497	2,749,210	2,712,145	0	0	0	0	-7,448

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A*
Timely	2,638,761	2,631,256	2,560,082	0	0	0	0	0	13,629	11,682	11,682	0	0	0	0	-1,947
Evening	2,619,500	2,619,495	2,580,931	0	0	0	0	0	13,629	4,182	4,182	0	0	0	0	-9,447
Intraday 1	2,627,165	2,626,486	2,592,614	0	0	0	0	0	13,629	5,178	5,178	0	0	0	0	-8,451
Intraday 2	2,621,352	2,621,346	2,586,805	0	0	0	0	0	13,629	6,181	6,181	0	0	0	0	-7,448

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C*	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	67,336	67,336	67,336	0	0	0	0	0	38,827	38,827	34,391	0	0	0	0	0
Evening	78,604	78,604	78,604	0	0	0	0	0	17,587	17,587	14,264	0	0	0	0	0
Intraday 1	80,603	79,770	79,770	0	0	0	0	0	40,778	12,443	12,424	-28,341	0	0	0	0
Intraday 2	82,603	81,770	81,767	0	0	0	0	0	39,913	39,913	37,392	0	0	0	0	0

* CCR-C cuts were due to customer over nominations on IntraDay 1 Cycle.

* CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.

**SOUTHERN CALIFORNIA GAS COMPANY
PIPELINE/STATION MAINTENANCE SCHEDULE**

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	03/10/2014	03/12/2014 07:44:01 PM PCT	Unplanned - Main unit #3 out of service due to jacket water leak repair.	25	25525
Storage Field - Inj	Honor Rancho	03/12/2014	03/12/2014 07:43:44 PM PCT	Unplanned - Main Unit #4 out of service due to a jacket water leak repair.	50	51050
Storage Field - Wth	Honor Rancho	04/22/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant upgrades.	500	510500
Storage Field - Wth	Honor Rancho	04/14/2014	04/21/2014 11:59:59 PM PCT	Planned - Dehydration plant maintenance and upgrades.	1000	1021000
Storage Field - Inj	Aliso Canyon	03/10/2014	03/21/2014 11:59:59 PM PCT	Planned - KVS #3 EPCC and SavAir project.	20	20420
Storage Field - Wth	Aliso Canyon	07/06/2014	10/31/2014 11:59:59 PM PCT	Planned - Dehydration plant 2 out of service for maintenance and project work.	750	765750
Storage Field - Wth	Aliso Canyon	04/14/2014	06/30/2014 11:59:59 PM PCT	Planned - Dehydration plant 1 out of service for maintenance and project work.	1100	1123100
Area Zone	Needles/Topock Area Zone	03/03/2014	03/28/2014 11:59:59 PM PCT	Planned - L4000 isolated between MLV 10 & MLV 11 for anomaly repairs identified by previous internal line inspection. *Update* Shutdown extended due to additional time needed for repairs.	720	730080
Storage Field - Inj	Aliso Canyon	03/07/2014	03/21/2014 11:59:59 PM PCT	Planned - Low inventory shut-in.	40	40840
Storage Field - Inj	Aliso Canyon	03/06/2014	03/27/2014 11:59:59 PM PCT	Planned - KVS #2 EPCC & SavAir project	20	20420
Storage Field - Inj	Honor Rancho	12/02/2013	03/15/2014 11:59:59 PM PCT	Planned - Cooling system upgrades and station maintenance. Injection limited to three units.	100	102100
Storage Field - Inj	Honor Rancho	03/16/2014	04/11/2014 11:59:59 PM PCT	Planned - MU#1 Overhaul.	50	51050
Area Zone	Needles/Topock Area Zone	04/07/2014	04/09/2014 11:59:59 PM PCT	Planned - New pig launcher installation at Newberry compressor station.	540	547560
Storage Field - Inj	Aliso Canyon	12/16/2013	03/31/2014 11:59:59 PM PCT	Planned - KVS #5 rebuild project.	20	20420
Storage Field - Inj	Aliso Canyon	11/01/2013	04/01/2014 11:59:59 PM PCT	Aliso Canyon - Annual TDC maintenance	310	316510
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	30	30630
Sub-Zone	EP-Ehrenberg/NBP-Blythe	08/05/2011	TBD	L2000 - Planned Outage - Voluntary decrease of maximum operating pressure on L2000, Southern Transmission Zone by approximately 20%. This change is being made to further improve and maintain the safety of SoCalGas pipelines.	202	204626

OFO Calculation - 03/14/2014 Archive Event History Today Tomorrow					Flow Date: 03/14/2014	GO
	Timely	Evening	Intraday 1	Intraday 2		
OFO Declared:	YES	YES	YES	YES		
Forecasted Send Out	2,283,536	2,283,536	2,283,536	2,283,536		
Injection Capacity	332,000	332,000	332,000	332,000		
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000		
Net System Capacity:	2,621,536	2,621,536	2,621,536	2,621,536		
Latest On-System Scheduled Quantity	2,677,981	2,536,931	2,592,236	2,594,177		
Total Unused Capacity:	0	84,605	29,300	27,359		
Total Excess Receipts:	(56,445)	0	0	0		

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,619,980	2,613,127	2,536,931	0	0	0	0	0
Evening	2,644,970	2,640,348	2,592,236	0	0	0	0	0
Intraday 1	2,633,909	2,621,539	2,479,177	-5,642	0	0	0	0
Intraday 2	2,621,164	2,609,588	2,588,786	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,396,422	2,395,169	2,321,439	0	0	0	0	0	13	13	13	0	0	0	0	0
Evening	2,393,412	2,393,405	2,351,199	0	0	0	0	0	13	13	13	0	0	0	0	0
Intraday 1	2,369,261	2,369,253	2,238,940	0	0	0	0	0	13	13	13	0	0	0	0	0
Intraday 2	2,369,261	2,369,254	2,354,574	0	0	0	0	0	13	13	13	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	48,705	47,523	47,523	0	0	0	0	0	174,840	170,422	167,956	0	0	0	0	0
Evening	48,705	47,782	47,782	0	0	0	0	0	202,840	199,148	193,242	0	0	0	0	0
Intraday 1	71,393	66,891	66,891	0	0	0	0	0	193,242	185,382	173,333	-5,642	0	0	0	0
Intraday 2	71,393	66,902	66,902	0	0	0	0	0	180,497	173,419	167,297	0	0	0	0	0

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

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,026,688	2,026,688	2,026,688	2,264,473
Injection Capacity	332,000	332,000	332,000	333,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,364,688	2,364,688	2,364,688	2,603,473
Latest On-System Scheduled Quantity	2,592,236	2,396,016	2,405,869	2,336,888
Total Unused Capacity:	0	0	0	266,585
Total Excess Receipts:	(227,548)	(31,328)	(41,181)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C *	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,480,385	2,452,270	2,396,016	0	0	0	0	0
Evening	2,462,728	2,449,115	2,405,869	0	0	0	0	0
Intraday 1	2,407,813	2,364,688	2,336,888	-29,522	0	0	0	0
Intraday 2	2,415,777	2,413,193	2,379,144	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,375,072	2,355,305	2,303,050	0	0	0	0	0	13	13	13	0	0	0	0	0
Evening	2,357,415	2,352,443	2,312,147	0	0	0	0	0	13	13	13	0	0	0	0	0
Intraday 1	2,328,255	2,323,282	2,295,482	0	0	0	0	0	13	13	13	0	0	0	0	0
Intraday 2	2,328,255	2,327,824	2,298,367	0	0	0	0	0	13	13	13	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C *	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	CCR-C *	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	35,847	29,910	29,910	0	0	0	0	0	69,453	67,042	63,043	0	0	0	0	0
Evening	35,847	30,084	30,084	0	0	0	0	0	69,453	66,575	63,625	0	0	0	0	0
Intraday 1	48,036	20,183	20,183	-22,090	0	0	0	0	31,509	21,210	21,210	-7,432	0	0	0	0
Intraday 2	45,026	44,118	44,118	0	0	0	0	0	42,483	41,238	36,646	0	0	0	0	0

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

OFO Calculation - 03/21/2014 Archive Event History Today Tomorrow Flow Date: 03/21/2014				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	YES	YES	YES	YES
Forecasted Send Out	2,530,350	2,468,145	2,468,145	2,519,314
Injection Capacity	353,000	378,525	353,000	353,000
Latest Off-System Scheduled Quantity	6,000	6,000	6,000	6,000
Net System Capacity:	2,889,350	2,852,670	2,827,145	2,878,314
Latest On-System Scheduled Quantity	2,923,277	2,634,469	2,722,439	2,754,592
Total Unused Capacity:	0	218,201	104,706	123,722
Total Excess Receipts:	(33,927)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,794,558	2,747,312	2,634,469	0	0	0	0	0
Evening	2,794,431	2,794,119	2,722,439	0	0	0	0	0
Intraday 1	2,778,879	2,777,301	2,754,592	0	0	0	0	0
Intraday 2	2,779,381	2,775,502	2,760,308	0	0	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,425,408	2,379,712	2,308,896	0	0	0	0	0	66	66	66	0	0	0	0	0
Evening	2,425,281	2,425,129	2,371,451	0	0	0	0	0	66	66	66	0	0	0	0	0
Intraday 1	2,400,318	2,400,312	2,388,625	0	0	0	0	0	66	66	66	0	0	0	0	0
Intraday 2	2,400,820	2,400,814	2,390,112	0	0	0	0	0	66	66	66	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	59,258	59,257	57,454	0	0	0	0	0	309,826	308,277	268,053	0	0	0	0	0
Evening	59,258	59,257	57,454	0	0	0	0	0	309,826	309,667	293,468	0	0	0	0	0
Intraday 1	85,258	85,257	85,257	0	0	0	0	0	293,237	291,666	280,644	0	0	0	0	0
Intraday 2	85,258	85,257	85,257	0	0	0	0	0	293,237	289,365	284,873	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 03/21/2014
OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.



ATTACHMENT 2

TO

**APRIL 21, 2014
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 98,000 Dth

Flow Date(s) Requested: June 13, 2013

Time of Request: 8:00 p.m. June 12, 2013

Reason for Request: Southern System scheduled quantities 98,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 186,000 Dth

Flow Date(s) Requested: June 27, 2013

Time of Request: 10:15 a.m. June 26, 2013

Reason for Request: Southern System scheduled quantities 186,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: June 27, 2013

Time of Request: 7:25 p.m. June 26, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 238,000 Dth

Flow Date(s) Requested: June 28, 2013

Time of Request: 10:00 a.m. June 27, 2013

Reason for Request: Southern System scheduled quantities 238,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 67,000 Dth

Flow Date(s) Requested: June 28, 2013

Time of Request: 7:30 p.m. June 27, 2013

Reason for Request: Southern System scheduled quantities 67,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: June 28, 2013

Time of Request: 10:10 a.m. June 28, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 255,000 Dth

Flow Date(s) Requested: June 29, 2013

Time of Request: 9:45 a.m. June 28, 2013

Reason for Request: Southern System scheduled quantities 255,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 210,000 Dth

Flow Date(s) Requested: June 29, 2013

Time of Request: 7:45 p.m. June 28, 2013

Reason for Request: Southern System scheduled quantities 210,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 255,000 Dth

Flow Date(s) Requested: June 30, 2013

Time of Request: 10:45 a.m. June 28, 2013

Reason for Request: Southern System scheduled quantities 255,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: June 30, 2013

Time of Request: 3:30 p.m. June 28, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 28,000 Dth

Flow Date(s) Requested: June 30, 2013

Time of Request: 7:45 p.m. June 29, 2013

Reason for Request: Southern System scheduled quantities 28,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 295,000 Dth

Flow Date(s) Requested: July1, 2013

Time of Request: 10:45 a.m. June 28, 2013

Reason for Request: Southern System scheduled quantities 295,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 100,000 Dth

Flow Date(s) Requested: July 1, 2013

Time of Request: 3:30 p.m. June 28, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 31,000 Dth

Flow Date(s) Requested: July 1, 2013

Time of Request: 9:40 a.m. June 30, 2013

Reason for Request: Southern System scheduled quantities 31,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 307,000 Dth

Flow Date(s) Requested: July 2, 2013

Time of Request: 9:55 a.m. July 01, 2013

Reason for Request: Southern System scheduled quantities 307,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 70,000 Dth

Flow Date(s) Requested: July 2, 2013

Time of Request: 8:15 p.m. July 01, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 270,000 Dth

Flow Date(s) Requested: July 3, 2013

Time of Request: 9:45 a.m. July 02, 2013

Reason for Request: Southern System scheduled quantities 270,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 48,000 Dth

Flow Date(s) Requested: July 3, 2013

Time of Request: 8:15 a.m. July 02, 2013

Reason for Request: Southern System scheduled quantities 48,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 180,000 Dth

Flow Date(s) Requested: July 4, 2013

Time of Request: 3:30 p.m. July 02, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 220,000 Dth

Flow Date(s) Requested: July 5, 2013

Time of Request: 3:30 p.m. July 02, 2013

Reason for Request: Southern System scheduled quantities 220,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 124,000 Dth

Flow Date(s) Requested: July 9, 2013

Time of Request: 9:40 a.m. July 08, 2013

Reason for Request: Southern System scheduled quantities 124,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 163,000 Dth

Flow Date(s) Requested: July 10, 2013

Time of Request: 9:50 a.m. July 09, 2013

Reason for Request: Southern System scheduled quantities 163,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 82,000 Dth

Flow Date(s) Requested: July 11, 2013

Time of Request: 10:30 a.m. July 10, 2013

Reason for Request: Southern System scheduled quantities 82,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 36,000 Dth

Flow Date(s) Requested: July 15, 2013

Time of Request: 8:30 p.m. July 14, 2013

Reason for Request: Southern System scheduled quantities 36,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 46,000 Dth

Flow Date(s) Requested: July 16, 2013

Time of Request: 10:00 a.m. July 15, 2013

Reason for Request: Southern System scheduled quantities 46,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: July 21, 2013

Time of Request: 8:40 p.m. July 20, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 23,000 Dth

Flow Date(s) Requested: July 21, 2013

Time of Request: 12:12 p.m. July 21, 2013

Reason for Request: Southern System scheduled quantities 23,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 157,000 Dth

Flow Date(s) Requested: July 22, 2013

Time of Request: 10:20 a.m. July 21, 2013

Reason for Request: Southern System scheduled quantities 157,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 63,000 Dth

Flow Date(s) Requested: July 22, 2013

Time of Request: 10:00 a.m. July 22, 2013

Reason for Request: Southern System scheduled quantities 63,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 75,000 Dth

Flow Date(s) Requested: July 23, 2013

Time of Request: 10:00 a.m. July 22, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 53,000 Dth

Flow Date(s) Requested: July 23, 2013

Time of Request: 8:45 p.m. July 22, 2013

Reason for Request: Southern System scheduled quantities 53,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 183,000 Dth

Flow Date(s) Requested: July 24, 2013

Time of Request: 10:15 a.m. July 23, 2013

Reason for Request: Southern System scheduled quantities 183,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 176,000 Dth

Flow Date(s) Requested: July 25, 2013

Time of Request: 10:20 a.m. July 24, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 111,000 Dth

Flow Date(s) Requested: July 26, 2013

Time of Request: 10:20 a.m. July 25, 2013

Reason for Request: Southern System scheduled quantities 111,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 31,000 Dth

Flow Date(s) Requested: July 26, 2013

Time of Request: 8:15 p.m. July 25, 2013

Reason for Request: Southern System scheduled quantities 31,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: July 30, 2013

Time of Request: 9:50 a.m. July 29, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: August 13, 2013

Time of Request: 10:00 a.m. August 12, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 98,000 Dth

Flow Date(s) Requested: August 14, 2013

Time of Request: 09:55 a.m. August 13, 2013

Reason for Request: Southern System scheduled quantities 98,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 158,000 Dth

Flow Date(s) Requested: August 15, 2013

Time of Request: 10:00 a.m. August 14, 2013

Reason for Request: Southern System scheduled quantities 158,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 59,000 Dth

Flow Date(s) Requested: August 19, 2013

Time of Request: 10:00 a.m. August 18, 2013

Reason for Request: Southern System scheduled quantities 59,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 76,000 Dth

Flow Date(s) Requested: August 20, 2013

Time of Request: 9:40 a.m. August 19, 2013

Reason for Request: Southern System scheduled quantities 76,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 98,000 Dth

Flow Date(s) Requested: August 21, 2013

Time of Request: 10:00 a.m. August 20, 2013

Reason for Request: Southern System scheduled quantities 98,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 191,000 Dth

Flow Date(s) Requested: August 22, 2013

Time of Request: 9:50 a.m. August 21, 2013

Reason for Request: Southern System scheduled quantities 191,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 58,000 Dth

Flow Date(s) Requested: August 22, 2013

Time of Request: 8:00 p.m. August 21, 2013

Reason for Request: Southern System scheduled quantities 58,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 165,000 Dth

Flow Date(s) Requested: August 23, 2013

Time of Request: 9:50 a.m. August 22, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 97,000 Dth

Flow Date(s) Requested: August 27, 2013

Time of Request: 10:00 a.m. August 26, 2013

Reason for Request: Southern System scheduled quantities 97,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 108,000 Dth

Flow Date(s) Requested: August 28, 2013

Time of Request: 10:00 a.m. August 27, 2013

Reason for Request: Southern System scheduled quantities 108,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 155,000 Dth

Flow Date(s) Requested: August 29, 2013

Time of Request: 10:10 a.m. August 28, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 86,000 Dth

Flow Date(s) Requested: August 29, 2013

Time of Request: 8:35 p.m. August 28, 2013

Reason for Request: Southern System scheduled quantities 86,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 182,000 Dth

Flow Date(s) Requested: August 30, 2013

Time of Request: 10:00 a.m. August 29, 2013

Reason for Request: Southern System scheduled quantities 182,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 76,000 Dth

Flow Date(s) Requested: August 31, 2013

Time of Request: 10:00 a.m. August 30, 2013

Reason for Request: Southern System scheduled quantities 76,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: Sept. 1, 2013

Time of Request: 10:30 a.m., August 30, 2013

Reason for Request: Gas Control Department requested the Operational Hub to acquire additional supplies prior to Cycle 1 due to recent trend of the System Operator having to procure additional supplies to meet Southern System Minimum.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 26,000 Dth

Flow Date(s) Requested: September 1, 2013

Time of Request: 9:40 a.m. August 31, 2013

Reason for Request: Southern System scheduled quantities 26,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: Sept. 2, 2013

Time of Request: 10:30 a.m., August 30, 2013

Reason for Request: Gas Control Department requested the Operational Hub to acquire additional supplies prior to Cycle 1 due to recent trend of the System Operator having to procure additional supplies to meet Southern System Minimum.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 53,000 Dth

Flow Date(s) Requested: September 2, 2013

Time of Request: 10:40 a.m. September 1, 2013

Reason for Request: Southern System scheduled quantities 53,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 131,000 Dth

Flow Date(s) Requested: Sept. 3, 2013

Time of Request: 10:30 a.m., August 30, 2013

Reason for Request: Gas Control Department requested the Operational Hub to acquire additional supplies prior to Cycle 1 due to recent trend of the System Operator having to procure additional supplies to meet Southern System Minimum.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 46,000 Dth

Flow Date(s) Requested: September 3, 2013

Time of Request: 6:45 a.m. September 3, 2013

Reason for Request: Southern System scheduled quantities 46,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 267,000 Dth

Flow Date(s) Requested: September 4, 2013

Time of Request: 9:45 a.m. September 3, 2013

Reason for Request: Southern System scheduled quantities 267,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 311,000 Dth

Flow Date(s) Requested: September 5, 2013

Time of Request: 9:45 a.m. September 4, 2013

Reason for Request: Southern System scheduled quantities 311,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 69,000 Dth

Flow Date(s) Requested: September 5, 2013

Time of Request: 8:00 p.m. September 4, 2013

Reason for Request: Southern System scheduled quantities 69,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 337,000 Dth

Flow Date(s) Requested: Sept. 6, 2013

Time of Request: 3:20 p.m., September 4, 2013

Reason for Request: SVP of Gas Operations and System Integrity requested the Operational Hub to acquire additional supplies prior to cycle 1 due to extremely hot and humid weather leading to high EG loads and to ensure supplies to meet Southern System Minimum.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 282,000 Dth

Flow Date(s) Requested: September 6, 2013

Time of Request: 10:00 a.m. September 5, 2013

Reason for Request: Southern System scheduled quantities 282,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 21,000 Dth

Flow Date(s) Requested: September 6, 2013

Time of Request: 8:00 p.m. September 5, 2013

Reason for Request: Southern System scheduled quantities 21,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 144,000 Dth

Flow Date(s) Requested: September 7, 2013

Time of Request: 10:10 a.m. September 6, 2013

Reason for Request: Southern System scheduled quantities 144,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 140,000 Dth

Flow Date(s) Requested: Sept. 8, 2013

Time of Request: 12:00 p.m., September 6, 2013

Reason for Request: SVP of Gas Operations and System Integrity requested the Operational Hub to acquire additional supplies prior to cycle 1 due to extremely hot and humid weather leading to high EG loads and to ensure supplies to meet Southern System Minimum.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 201,000 Dth

Flow Date(s) Requested: Sept. 9, 2013

Time of Request: 12:00 p.m., September 6, 2013

Reason for Request: SVP of Gas Operations and System Integrity requested the Operational Hub to acquire additional supplies prior to cycle 1 due to extremely hot and humid weather leading to high EG loads and to ensure supplies to meet Southern System Minimum.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 118,000 Dth

Flow Date(s) Requested: September 10, 2013

Time of Request: 10:00 a.m. September 9, 2013

Reason for Request: Southern System scheduled quantities 118,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 68,000 Dth

Flow Date(s) Requested: September 11, 2013

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

Reason for Request: Southern System scheduled quantities 68,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 97,000 Dth

Flow Date(s) Requested: September 17, 2013

Time of Request: 2:30 p.m. September 16, 2013

Reason for Request: Southern System scheduled quantities 97,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 114,000 Dth

Flow Date(s) Requested: September 18, 2013

Time of Request: 2:45 p.m. September 17, 2013

Reason for Request: Southern System scheduled quantities 114,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 86,000 Dth

Flow Date(s) Requested: September 19, 2013

Time of Request: 2:20 p.m. September 18, 2013

Reason for Request: Southern System scheduled quantities 86,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 35,000 Dth

Flow Date(s) Requested: October 02, 2013

Time of Request: 8:10 p.m. October 01, 2013

Reason for Request: Southern System scheduled quantities 35,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 16,000 Dth

Flow Date(s) Requested: October 15, 2013

Time of Request: 8:10 p.m. October 14, 2013

Reason for Request: Southern System scheduled quantities 16,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 20,000 Dth

Flow Date(s) Requested: October 21, 2013

Time of Request: 9:00 p.m. October 20, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 104,000 Dth

Flow Date(s) Requested: October 22, 2013

Time of Request: 10:10 a.m. October 21, 2013

Reason for Request: Southern System scheduled quantities 104,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 105,000 Dth

Flow Date(s) Requested: October 23, 2013

Time of Request: 10:15 a.m. October 22, 2013

Reason for Request: Southern System scheduled quantities 105,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 73,000 Dth

Flow Date(s) Requested: October 24, 2013

Time of Request: 10:15 a.m. October 23, 2013

Reason for Request: Southern System scheduled quantities 73,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 113,000 Dth

Flow Date(s) Requested: November 4, 2013

Time of Request: 11:40 a.m. November 3, 2013

Reason for Request: Southern System scheduled quantities 113,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 109,000 Dth

Flow Date(s) Requested: November 5, 2013

Time of Request: 10:20 a.m. November 4, 2013

Reason for Request: Southern System scheduled quantities 109,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 35,000 Dth

Flow Date(s) Requested: November 6, 2013

Time of Request: 7:55 p.m. November 5, 2013

Reason for Request: Southern System scheduled quantities 35,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 38,000 Dth

Flow Date(s) Requested: November 8, 2013

Time of Request: 10:55 a.m. November 7, 2013

Reason for Request: Southern System scheduled quantities 38,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 20,000 Dth

Flow Date(s) Requested: November 8, 2013

Time of Request: 8:20 p.m. November 7, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 83,000 Dth

Flow Date(s) Requested: November 11, 2013

Time of Request: 8:20 p.m. November 10, 2013

Reason for Request: Southern System scheduled quantities 83,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 37,000 Dth

Flow Date(s) Requested: November 13, 2013

Time of Request: 10:20 a.m. November 12, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 108,000 Dth

Flow Date(s) Requested: November 18, 2013

Time of Request: 8:00 p.m. November 17, 2013

Reason for Request: Southern System scheduled quantities 108,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 80,000 Dth

Flow Date(s) Requested: November 19, 2013

Time of Request: 11:00 a.m. November 18, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 83,000 Dth

Flow Date(s) Requested: November 20, 2013

Time of Request: 10:00 a.m. November 19, 2013

Reason for Request: Southern System scheduled quantities 83,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: November 21, 2013

Time of Request: 10:00 a.m. November 20, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 139,000 Dth

Flow Date(s) Requested: November 22, 2013

Time of Request: 10:15 a.m. November 21, 2013

Reason for Request: Southern System scheduled quantities 139,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 101,000 Dth

Flow Date(s) Requested: November 23, 2013

Time of Request: 10:20 a.m. November 22, 2013

Reason for Request: Southern System scheduled quantities 101,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 101,000 Dth

Flow Date(s) Requested: November 24, 2013

Time of Request: 11:30 a.m., November 22, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 25,000 Dth

Flow Date(s) Requested: November 24, 2013

Time of Request: 8:10 p.m. November 23, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 150,000 Dth

Flow Date(s) Requested: November 25, 2013

Time of Request: 11:30 a.m., November 22, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 157,000 Dth

Flow Date(s) Requested: November 25, 2013

Time of Request: 8:00 p.m. November 24, 2013

Reason for Request: Southern System scheduled quantities 157,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 217,000 Dth

Flow Date(s) Requested: November 26, 2013

Time of Request: 10:15 a.m. November 25, 2013

Reason for Request: Southern System scheduled quantities 217,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 41,000 Dth

Flow Date(s) Requested: November 26, 2013

Time of Request: 8:20 p.m. November 25, 2013

Reason for Request: Southern System scheduled quantities 41,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 115,000 Dth

Flow Date(s) Requested: November 27, 2013

Time of Request: 10:00 a.m. November 26, 2013

Reason for Request: Southern System scheduled quantities 115,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 61,000 Dth

Flow Date(s) Requested: December 06, 2013

Time of Request: 10:00 a.m. December 05, 2013

Reason for Request: Southern System scheduled quantities 61,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 26,000 Dth

Flow Date(s) Requested: December 06, 2013

Time of Request: 8:00 p.m. December 05, 2013

Reason for Request: Southern System scheduled quantities 26,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 60,000 Dth

Flow Date(s) Requested: December 09, 2013

Time of Request: 12:35 p.m. December 09, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 103,000 Dth

Flow Date(s) Requested: December 10, 2013

Time of Request: 10:00 a.m. December 09, 2013

Reason for Request: Southern System scheduled quantities 103,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Otay Mesa

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: December 10, 2013

Time of Request: 7:00 a.m. December 10, 2013

Reason for Request: Otay Mesa scheduled quantities 50,000 Dth needed for system reliability.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 105,000 Dth

Flow Date(s) Requested: December 11, 2013

Time of Request: 10:10 a.m. December 10, 2013

Reason for Request: Southern System scheduled quantities 105,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Otay Mesa

Quantity Requested: 50,000 Dth

Flow Date(s) Requested: December 11, 2013

Time of Request: 11:00 a.m. December 11, 2013

Reason for Request: Otay Mesa scheduled quantities 50,000 Dth needed for system reliability.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 25,000 Dth

Flow Date(s) Requested: December 12, 2013

Time of Request: 10:00 a.m. December 11, 2013

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 47,000 Dth

Flow Date(s) Requested: December 18, 2013

Time of Request: 10:00 a.m. December 17, 2013

Reason for Request: Southern System scheduled quantities 47,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 29,000 Dth

Flow Date(s) Requested: December 31, 2013

Time of Request: 8:10 p.m. December 30, 2013

Reason for Request: Southern System scheduled quantities 29,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 65,000 Dth

Flow Date(s) Requested: January 2, 2014

Time of Request: 10:20 a.m. January 1, 2014

Reason for Request: Southern System scheduled quantities 65,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 110,000 Dth

Flow Date(s) Requested: January 7, 2014

Time of Request: 10:00 a.m. January 6, 2014

Reason for Request: Southern System scheduled quantities 110,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 20,000 Dth

Flow Date(s) Requested: January 10, 2014

Time of Request: 10:00 a.m. January 9, 2014

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 42,000 Dth

Flow Date(s) Requested: January 14, 2014

Time of Request: 10:00 a.m. January 13, 2014

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: January 23, 2014

Time of Request: 8:15 p.m. January 22, 2014

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 22,000 Dth

Flow Date(s) Requested: January 24, 2014

Time of Request: 10:45 p.m. January 23, 2014

Reason for Request: Southern System scheduled quantities 22,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 13,000 Dth

Flow Date(s) Requested: January 24, 2014

Time of Request: 8:15 p.m. January 23, 2014

Reason for Request: Southern System scheduled quantities 13,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 54,000 Dth

Flow Date(s) Requested: January 27, 2014

Time of Request: 11:15 a.m. January 26, 2014

Reason for Request: Southern System scheduled quantities 54,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 45,000 Dth

Flow Date(s) Requested: February 03, 2014

Time of Request: 7:15 a.m. February 03, 2014

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 68,000 Dth

Flow Date(s) Requested: February 04, 2014

Time of Request: 10:45 a.m. February 03, 2014

Reason for Request: Southern System scheduled quantities 68,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 127,000 Dth

Flow Date(s) Requested: February 05, 2014

Time of Request: 10:15 a.m. February 04, 2014

Reason for Request: Southern System scheduled quantities 127,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 55,000 Dth

Flow Date(s) Requested: February 6, 2014

Time of Request: 10:00 a.m. February 5, 2014

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 155,000 Dth

Flow Date(s) Requested: February 6, 2014

Time of Request: 10:30 a.m. February 6, 2014

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



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 255,000 Dth

Flow Date(s) Requested: February 7, 2014

Time of Request: 10:30 a.m. February 6, 2014

Reason for Request: Southern System scheduled quantities 255,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 91,000 Dth

Flow Date(s) Requested: February 10, 2014

Time of Request: 10:30 a.m. February 09, 2014

Reason for Request: Southern System scheduled quantities 91,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 51,000 Dth

Flow Date(s) Requested: February 11, 2014

Time of Request: 9:50 a.m. February 10, 2014

Reason for Request: Southern System scheduled quantities 51,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 138,000 Dth

Flow Date(s) Requested: February 12, 2014

Time of Request: 9:58 a.m. February 11, 2014

Reason for Request: Southern System scheduled quantities 138,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 66,000 Dth

Flow Date(s) Requested: February 13, 2014

Time of Request: 10:00 a.m. February 12, 2014

Reason for Request: Southern System scheduled quantities 66,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System

Quantity Requested: 26,000 Dth

Flow Date(s) Requested: March 4, 2014

Time of Request: 10:15 a.m. March 3, 2014

Reason for Request: Southern System scheduled quantities 26,000 Dth below the southern system minimum flowing supply requirement.



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ATTACHMENT 3

TO

APRIL 21, 2014

**ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

**OPERATIONAL HUB TRANSACTIONS TO
MEET MINIMUM FLOW REQUIREMENT**



Southern System Minimum Flow Baseload Purchase/Sale Summary
Fifth Annual Report of System Reliability Issues
December 2013 - March 2014



	Total		December 2013		January 2014		February 2014		March 2014	
	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD
Bought	30,358,826	145,295,772	7,894,995	31,000,225	7,901,949	36,716,942	7,127,268	37,607,495	7,434,614	39,971,110
In-Kind Charge	95,809	-	21,702	-	26,063	-	23,508	-	24,536	-
Otay Transport Cost	-	-	-	-	-	-	-	-	-	-
BTS	-	4,274,782	-	1,085,049	-	1,121,408	-	1,012,885	-	1,055,441
Broker Fees	-	3,356	-	1,501	-	732	-	813	-	310
Net Amount Flowed	30,263,017	\$149,573,910	7,873,293	\$ 32,086,775	7,875,886	\$ 37,839,082	7,103,760	\$ 38,621,192	7,410,078	\$ 41,026,861
Net Sales	30,263,018	145,629,815	7,873,295	31,093,051	7,875,886	36,762,131	7,103,759	37,268,675	7,410,078	40,505,958
Net Cost		\$ 3,944,095		\$ 993,724		\$ 1,076,950		\$ 1,352,518		\$ 520,903
Cost/Dth		\$ 0.13		\$ 0.13		\$ 0.14		\$ 0.19		\$ 0.07

Southern System Minimum Flow Purchase/Sale

**December 2013 Activity
DAILY CONTRACTED**

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .275%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	255,000	2260	150,000	413	149,587	\$3.9250	Sec 18	EP - Ehrenberg	\$588,750	\$20,589	Daily	2261	149,587	\$3.9500	Sec 18	SCG - City Gate	\$590,869
	Daily		2262	50,000	138	49,862	\$3.9275	Sec 18	EP - Ehrenberg	\$196,375	\$6,863	Daily	2263	15,000	\$3.9500	Sec 18	SCG - City Gate	\$59,250
	Daily		2264	55,000	151	54,849	\$3.9300	Sec 18	EP - Ehrenberg	\$216,150	\$7,549	Daily	2266	2,500	\$3.9525	Sec 18	SCG - City Gate	\$9,881
												Daily	2272	1,100	\$3.9500	Sec 18	SCG - City Gate	\$4,345
												Daily	2276	30,000	\$3.9475	Sec 18	SCG - City Gate	\$118,425
												Daily	2277	10,000	\$3.9475	Sec 18	SCG - City Gate	\$39,475
												Daily	2290	16,000	\$3.9475	Sec 18	SCG - City Gate	\$63,160
												Daily	2291	30,000	\$3.9475	Sec 18	SCG - City Gate	\$118,425

Total	255,000	255,000	702	254,298			\$1,001,275.00	\$35,001.58				254,187						\$1,003,829.90	\$32,446.68
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ACTUAL FOR DECEMBER

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .275%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	7,905,000	2260	4,647,651	12,767	4,634,884	\$3.9250	Sec 18	EP - Ehrenberg	\$18,242,030	\$638,264	Daily	2261	4,634,884	\$3.9500	Sec 18	SCG - City Gate	\$18,307,792
	Daily		2262	1,546,998	4,257	1,542,741	\$3.9275	Sec 18	EP - Ehrenberg	\$6,075,835	\$212,753	Daily	2263	463,941	\$3.9500	Sec 18	SCG - City Gate	\$1,832,567
	Daily		2264	1,700,346	4,678	1,695,668	\$3.9300	Sec 18	EP - Ehrenberg	\$6,682,360	\$234,032	Daily	2266	77,323	\$3.9525	Sec 18	SCG - City Gate	\$305,619.16
												Daily	2272	34,022	\$3.9500	Sec 18	SCG - City Gate	\$134,386.90
												Daily	2276	928,124	\$3.9475	Sec 18	SCG - City Gate	\$3,663,769
												Daily	2277	310,000	\$3.9475	Sec 18	SCG - City Gate	\$1,223,725
												Daily	2290	495,001	\$3.9475	Sec 18	SCG - City Gate	\$1,954,016
												Daily	2291	930,000	\$3.9475	Sec 18	SCG - City Gate	\$3,671,175

Total	7,905,000	7,894,995	21,702	7,873,293			\$31,000,224.60	\$1,085,048.88				7,873,295						\$31,093,050.75	\$993,724.03
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Broker Fee \$1,501.30

(2) Current month need to sell

- Carryover from prior month

(2) Total needed to sell

Southern System Minimum Flow Purchase/Sale

January 2014 Activity
DAILY CONTRACTED

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .330%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	255,000	2260	150,000	495	149,505	\$4.6450	Sec 18	EP - Ehrenberg	\$696,750	\$21,279	Daily	2261	149,505	\$4.6700	Sec 18	SCG - City Gate	\$698,188
	Daily		2262	50,000	165	49,835	\$4.6475	Sec 18	EP - Ehrenberg	\$232,375	\$7,093	Daily	2263	14,950	\$4.6700	Sec 18	SCG - City Gate	\$69,817
	Daily		2264	15,000	50	14,950	\$4.6500	Sec 18	EP - Ehrenberg	\$69,750	\$2,128	Daily	2266	2,500	\$4.6725	Sec 18	SCG - City Gate	\$11,681
			2391	40,000	132	39,868	\$4.6500	Sec 18	EP - Ehrenberg	\$186,000	\$5,674	Daily	2389	20,000	\$4.6700	Sec 18	SCG - City Gate	\$93,400
												Daily	2390	20,000	\$4.6700	Sec 18	SCG - City Gate	\$93,400
												Daily	2392	39,868	\$4.6550	Sec 18	SCG - City Gate	\$185,586
												Daily	2399	7,200	\$4.6650	Sec 18	SCG - City Gate	\$33,588

Total	255,000	255,000	842	254,158			\$1,184,875.00	\$36,174.45			254,023			\$1,185,659.64	\$35,389.81
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ACTUAL FOR JANUARY

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .330%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	7,905,000	2260	4,649,291	15,343	4,633,948	\$4.6450	Sec 18	EP - Ehrenberg	\$21,595,957	\$659,650	Daily	2261	4,633,948	\$4.6700	Sec 18	SCG - City Gate	\$21,640,537
	Daily		2262	1,549,712	5,115	1,544,597	\$4.6475	Sec 18	EP - Ehrenberg	\$7,202,287	\$219,883	Daily	2263	463,450	\$4.6700	Sec 18	SCG - City Gate	\$2,164,312
	Daily		2265	463,135	1,514	461,621	\$4.6500	Sec 18	EP - Ehrenberg	\$2,153,578	\$65,967	Daily	2266	77,500	\$4.6725	Sec 18	SCG - City Gate	\$362,119
			2391	1,239,811	4,091	1,235,720	\$4.6500	Sec 18	EP - Ehrenberg	\$5,765,121	\$175,907	Daily	2389	620,000	\$4.6700	Sec 18	SCG - City Gate	\$2,895,400
												Daily	2390	619,996	\$4.6700	Sec 18	SCG - City Gate	\$2,895,381
												Daily	2392	1,235,720	\$4.6550	Sec 18	SCG - City Gate	\$5,752,277
												Daily	2399	223,200	\$4.6650	Sec 18	SCG - City Gate	\$1,041,228
												1/31/14	2434	2,072	\$5.2500	Sec 18	SCG - City Gate	\$10,878

Total	7,905,000	7,901,949	26,063	7,875,886			\$36,716,942.12	\$1,121,407.96			7,875,886			\$36,762,131.33	\$1,076,950.35
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Broker Fee **\$731.60**

- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

Southern System Minimum Flow Purchase/Sale

**February 2014 Activity
DAILY CONTRACTED**

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .330%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	255,000	2260	150,000	495	149,505	\$5.2750	Sec 18	EP - Ehrenberg	\$791,250	\$21,279	Daily	2261	149,505	\$5.2500	Sec 18	SCG - City Gate	\$784,901
	Daily		2262	50,000	165	49,835	\$5.2775	Sec 18	EP - Ehrenberg	\$263,875	\$7,093	Daily	2263	15,000	\$5.2500	Sec 18	SCG - City Gate	\$78,750
	Daily		2264	15,000	50	14,950	\$5.2800	Sec 18	EP - Ehrenberg	\$79,200	\$2,128	Daily	2266	2,500	\$5.2525	Sec 18	SCG - City Gate	\$13,131
			2391	40,000	132	39,868	\$5.2800	Sec 18	EP - Ehrenberg	\$211,200	\$5,674	Daily	2392	39,868	\$5.2350	Sec 18	SCG - City Gate	\$208,709
												Daily	2419	7,500	\$5.2425	Sec 18	SCG - City Gate	\$39,319
												Daily	2121	12,500	\$5.2425	Sec 18	SCG - City Gate	\$65,531
												Daily	2422	27,000	\$5.2425	Sec 18	SCG - City Gate	\$141,548

Total	255,000	255,000	842	254,158	\$1,345,525.00	\$36,174.45	253,873	\$1,331,888.98	\$49,810.47
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ACTUAL FOR FEBRUARY

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .330%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	7,905,000	2260	4,198,398	13,855	4,184,543	\$5.2750	Sec 18	EP - Ehrenberg	\$22,146,549	\$595,813	Daily	2261	4,184,543	\$5.2500	Sec 18	SCG - City Gate	\$21,968,851
	Daily		2262	1,395,376	4,605	1,390,771	\$5.2775	Sec 18	EP - Ehrenberg	\$7,364,097	\$198,604	Daily	2263	418,304	\$5.2500	Sec 18	SCG - City Gate	\$2,196,096
	Daily		2265	413,919	1,353	412,566	\$5.2800	Sec 18	EP - Ehrenberg	\$2,185,492	\$59,583	Daily	2266	69,992	\$5.2525	Sec 18	SCG - City Gate	\$367,632.98
	Daily		2391	1,119,575	3,695	1,115,880	\$5.2800	Sec 18	EP - Ehrenberg	\$5,911,356	\$158,884	Daily	2392	1,115,880	\$5.2350	Sec 18	SCG - City Gate	\$5,841,632
												Daily	2419	210,000	\$5.2425	Sec 18	SCG - City Gate	\$1,100,925
												Daily	2121	350,000	\$5.2425	Sec 18	SCG - City Gate	\$1,834,875
												Daily	2422	753,087	\$5.2425	Sec 18	SCG - City Gate	\$3,948,059
												Daily	2511	1,489	\$5.4500	Sec 18	SCG - City Gate	\$8,115
												Daily	2512	464	\$5.3650	Sec 18	SCG - City Gate	\$2,489

Total	7,905,000	7,127,268	23,508	7,103,760	\$37,607,494.61	\$1,012,884.61	7,103,759	\$37,268,674.54	\$1,351,704.69
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- 1 Current month need to sell
- Carryover from prior month
- 1 Total needed to sell**

Southern System Minimum Flow Purchase/Sale

**March 2014 Activity
DAILY CONTRACTED**

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .330%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	240,000	2260	150,000	495	149,505	\$5.3750	Sec 18	EP - Ehrenberg	\$806,250	\$21,279	Daily	2261	149,505	\$5.4700	Sec 18	SCG - City Gate	\$817,792
	Daily		2262	50,000	165	49,835	\$5.3775	Sec 18	EP - Ehrenberg	\$268,875	\$7,093	Daily	2263	15,000	\$5.4700	Sec 18	SCG - City Gate	\$82,050
	Daily		2508	40,000	132	39,868	\$5.3800	Sec 18	EP - Ehrenberg	\$215,200	\$5,674	Daily	2266	2,500	\$5.4725	Sec 18	SCG - City Gate	\$13,681
												Daily	2436	10,000	\$5.4700	Sec 18	SCG - City Gate	\$54,700
												Daily	2446	20,000	\$5.4700	Sec 18	SCG - City Gate	\$109,400
												Daily	2507	2,200	\$5.4700	Sec 18	SCG - City Gate	\$12,034
												Daily	2509	39,868	\$5.4500	Sec 18	SCG - City Gate	\$217,281

Total	240,000	240,000	792	239,208	\$1,290,325.00	\$34,046.47	239,073	\$1,306,938.20	\$17,433.27
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ACTUAL FOR MARCH

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .330%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
N/A	Daily	7,440,000	2260	4,649,856	15,345	4,634,511	\$5.3750	Sec 18	EP - Ehrenberg	\$24,992,976	\$659,650	Daily	2261	4,634,511	\$5.4700	Sec 18	SCG - City Gate	\$25,350,775
	Daily		2262	1,545,467	5,101	1,540,366	\$5.3775	Sec 18	EP - Ehrenberg	\$8,310,749	\$219,883	Daily	2263	461,063	\$5.4700	Sec 18	SCG - City Gate	\$2,522,015
	Daily		2508	1,239,291	4,090	1,235,201	\$5.3800	Sec 18	EP - Ehrenberg	\$6,667,386	\$175,907	Daily	2266	77,500	\$5.4725	Sec 18	SCG - City Gate	\$424,119
												Daily	2436	310,000	\$5.4700	Sec 18	SCG - City Gate	\$1,695,700
												Daily	2446	620,000	\$5.4700	Sec 18	SCG - City Gate	\$3,391,400
												Daily	2507	67,618	\$5.4700	Sec 18	SCG - City Gate	\$369,870
												Daily	2509	1,235,201	\$5.4500	Sec 18	SCG - City Gate	\$6,731,845
												3/18/14	2516	2,000	\$4.8400	Sec 18	SCG - City Gate	\$9,680
												3/31/14	2519	2,185	\$4.8300	Sec 18	SCG - City Gate	\$10,554

Total	7,440,000	7,434,614	24,536	7,410,078	\$39,971,110.37	\$1,055,440.71	7,410,078	\$40,505,957.99	\$520,903.10
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Broker Fee **\$310.00**

- Current month need to sell
- Carryover from prior month
- **Total needed to sell**



Southern System Minimum Flow Spot Purchase/Sale Summary
 Fifth Annual Report of System Reliability Issues
 April 2013-March 2014

	Total		June 2013		July 2013		August 2013		September 2013		October 2013		November 2013		December 2013		January 2014		February 2014		March 2014	
	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD
Bought	12,519,842	\$ 64,247,546	1,431,384	\$ 6,302,087	2,877,384	12,237,791	1,697,000	6,768,134	2,585,000	10,814,745	352,797	1,406,886	1,700,614	6,910,932	490,956	3,117,360	317,602	1,726,680	1,041,129	14,731,744	25,976	231,186
In-Kind Charge	30,420	-	3,794	-	5,524	-	3,257	-	4,965	-	970	-	4,677	-	2,664	-	1,048	-	3,435	-	86	-
Olay Transport Cost	-	39,771	-	-	-	-	-	-	-	-	-	-	-	-	-	39,771	-	-	-	-	-	-
BTS	-	895,015	-	171,311	-	102,164	-	40,273	-	70,054	-	40,317	-	207,254	-	67,209	-	45,055	-	147,695	-	3,685
Net Amount Flowed	12,489,422	\$ 65,182,333	1,427,590	\$ 6,473,398	2,871,860	12,339,955	1,693,743	6,808,407	2,580,035	10,884,800	351,827	1,447,203	1,695,937	7,118,186	488,292	3,224,340	316,554	1,771,735	1,037,694	14,879,439	25,890	234,871
Net Sales	12,489,444	\$ 53,636,014	1,427,688	\$ 5,518,735	2,871,762	11,158,075	1,693,744	6,338,051	2,580,034	10,212,017	351,815	1,383,330	1,628,888	6,346,316	555,353	3,043,329	316,552	1,463,946	1,037,693	7,953,233	25,915	218,982
Net Cost		\$ 11,546,319		\$ 954,663		\$ 1,181,880		\$ 470,355		\$ 672,783		\$ 63,873		\$ 771,869		\$ 181,011		\$ 307,789		\$ 6,926,206		\$ 15,890
Cost/Dth		\$ 0.92		\$ 0.67		\$ 0.41		\$ 0.28		\$ 0.26		\$ 0.18		\$ 0.46		\$ 0.37		\$ 0.97		\$ 6.67		\$ 0.61

Southern System Minimum Flow Purchase/Sale

June 2013 Activity

Notification Minimum Flow			PURCHASE									SALE							
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .265%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	Net Cost
6/12/13	6/13/13	98,000	1915	10,000	27	9,973	\$3.8500	within Sec 13	EP - Ehrenberg	\$38,500	\$1,197	6/13/13	1916	10,000	\$3.8500	within Sec 13	SCG - City Gate	\$38,500	
			1917	60,000	159	59,841	\$3.9500	within Sec 13	EP - Ehrenberg	\$237,000	\$7,181	6/14/13	1919	50,000	\$3.9100	within Sec 13	SCG - City Gate	\$195,500	
			1918	28,000	74	27,926	\$4.0500	within Sec 13	EP - Ehrenberg	\$113,400	\$3,351	6/14/13	1920	30,000	\$3.9100	within Sec 13	SCG - City Gate	\$117,300	
												6/17/13	1921	7,740	\$3.9900	within Sec 13	SCG - City Gate	\$30,883	
6/26/13	6/27/13	186,000	1936	23,000	61	22,939	\$3.9000	within Sec 13	EP - Ehrenberg	\$89,700	\$2,753	6/27/13	1937	23,000	\$3.9000	within Sec 13	SCG - City Gate	\$89,700	
			1938	13,507	35	13,472	\$4.0000	within Sec 13	EP - Ehrenberg	\$54,028	\$1,617	6/27/13	1939	15,000	\$3.9250	within Sec 13	SCG - City Gate	\$58,875	
			1942	147,432	391	147,041	\$4.1500	within Sec 13	EP - Ehrenberg	\$611,843	\$17,645	6/27/13	1943	147,464	\$3.9250	within Sec 13	SCG - City Gate	\$578,796	
6/26/13	6/27/13	50,000	1944	50,000	133	49,867	\$4.2000	within Sec 14	EP - Ehrenberg	\$210,000	\$5,984	6/27/13	1945	50,000	\$3.9250	within Sec 13	SCG - City Gate	\$196,250	
6/27/13	6/28/13	238,000	1949	13,811	37	13,774	\$4.0500	within Sec 13	EP - Ehrenberg	\$55,935	\$1,653	6/28/13	1950	16,000	\$3.8000	within Sec 13	SCG - City Gate	\$60,800	
			1951	30,000	80	29,920	\$4.1000	within Sec 13	EP - Ehrenberg	\$123,000	\$3,590	6/27/13	1956	9,100	\$3.8100	within Sec 13	SCG - City Gate	\$34,671	
			1952	151,004	400	150,604	\$4.2000	within Sec 13	EP - Ehrenberg	\$634,217	\$18,072	6/28/13	1957	10,000	\$3.8000	within Sec 13	SCG - City Gate	\$38,000	
6/27/13	6/28/13	67,000	1973	4,667	12	4,655	\$4.2600	within Sec 13	EP - Ehrenberg	\$19,881	\$559	6/27/13	1958	2,500	\$3.8300	within Sec 13	SCG - City Gate	\$9,575	
6/28/13	6/28/13	100,000	1989	9,115	24	9,091	\$4.3100	within Sec 14	EP - Ehrenberg	\$39,286	\$1,091	6/27/13	1960	10,000	\$3.8300	within Sec 13	SCG - City Gate	\$38,300	
			1990	44,076	117	43,959	\$4.3800	within Sec 14	EP - Ehrenberg	\$193,053	\$5,275	6/27/13	1961	9,000	\$3.8500	within Sec 13	SCG - City Gate	\$34,650	
												6/27/13	1962	7,500	\$3.8300	within Sec 13	SCG - City Gate	\$28,725	
												6/27/13	1963	20,000	\$3.8400	within Sec 13	SCG - City Gate	\$76,800	
												6/27/13	1964	20,000	\$3.8700	within Sec 13	SCG - City Gate	\$77,400	
												6/27/13	1966	20,000	\$3.8600	within Sec 13	SCG - City Gate	\$77,200	
												6/27/13	1967	20,000	\$3.8600	within Sec 13	SCG - City Gate	\$77,200	
												6/29/13	1972	10,000	\$3.8800	within Sec 13	SCG - City Gate	\$38,800	
												6/30/13	1972	10,000	\$3.8800	within Sec 13	SCG - City Gate	\$38,800	
												6/29/13	1974	10,000	\$3.8650	within Sec 13	SCG - City Gate	\$38,650	
												6/30/13	1974	10,000	\$3.8650	within Sec 13	SCG - City Gate	\$38,650	
												6/29/13	1975	5,000	\$3.8600	within Sec 13	SCG - City Gate	\$19,300	
												6/30/13	1975	5,000	\$3.8600	within Sec 13	SCG - City Gate	\$19,300	
												6/28/13	1977	20,000	\$3.8500	within Sec 13	SCG - City Gate	\$77,000	
												6/28/13	1978	10,000	\$3.8500	within Sec 13	SCG - City Gate	\$38,500	
												6/29/13	1980	3,500	\$3.8400	within Sec 13	SCG - City Gate	\$13,440	
												6/30/13	1980	3,500	\$3.8400	within Sec 13	SCG - City Gate	\$13,440	
												6/28/13	1984	21,500	\$3.8200	within Sec 13	SCG - City Gate	\$82,130	
6/28/13	6/29/13	255,000	1981	16,000	42	15,958	\$4.1350	within Sec 13	EP - Ehrenberg	\$66,160	\$1,915	6/28/13	1984	98,500	\$3.8200	within Sec 13	SCG - City Gate	\$376,270	
			1988	25,000	66	24,934	\$4.1500	within Sec 13	EP - Ehrenberg	\$103,750	\$2,992	6/28/13	1985	10,000	\$3.8300	within Sec 13	SCG - City Gate	\$38,300	
			1993	198,000	525	197,475	\$4.2000	within Sec 13	EP - Ehrenberg	\$831,600	\$23,697	6/28/13	1986	2,000	\$3.8300	within Sec 13	SCG - City Gate	\$7,660	
			1995	15,902	42	15,860	\$4.3200	within Sec 14	EP - Ehrenberg	\$68,697	\$1,903	6/28/13	1987	30,000	\$3.8400	within Sec 13	SCG - City Gate	\$115,200	
6/28/13	6/29/13	210,000	1999	15,000	39	14,961	\$4.5500	within Sec 14	EP - Ehrenberg	\$68,250	\$1,795	6/29/13	1991	20,000	\$3.8500	within Sec 13	SCG - City Gate	\$77,000	
			2000	143,968	382	143,586	\$5.2500	within Sec 14	EP - Ehrenberg	\$755,832	\$17,230	6/30/13	1991	20,000	\$3.8500	within Sec 13	SCG - City Gate	\$77,000	
			2001	50,000	133	49,867	\$5.2500	within Sec 14	EP - Ehrenberg	\$262,500	\$5,984	6/29/13	1992	50,000	\$3.8500	within Sec 13	SCG - City Gate	\$192,500	
												6/30/13	1992	50,000	\$3.8500	within Sec 13	SCG - City Gate	\$192,500	
												6/29/13	1997	100,000	\$3.8600	within Sec 13	SCG - City Gate	\$386,000	
												6/30/13	1997	82,000	\$3.8600	within Sec 13	SCG - City Gate	\$316,520	
6/28/13	6/30/13	255,000	1981	16,000	42	15,958	\$4.1350	within Sec 13	EP - Ehrenberg	\$66,160	\$1,915	6/30/13	1997	18,000	\$3.8600	within Sec 13	SCG - City Gate	\$69,480	
			1988	25,000	66	24,934	\$4.1500	within Sec 13	EP - Ehrenberg	\$103,750	\$2,992	6/28/13	1998	30,000	\$3.8800	within Sec 13	SCG - City Gate	\$116,400	
			1993	198,000	525	197,475	\$4.2000	within Sec 13	EP - Ehrenberg	\$831,600	\$23,697	6/29/13	2003	150,000	\$3.8200	within Sec 13	SCG - City Gate	\$573,000	
			1995	15,902	42	15,860	\$4.3200	within Sec 14	EP - Ehrenberg	\$68,697	\$1,903	6/29/13	2006	4,673	\$3.8800	within Sec 13	SCG - City Gate	\$18,131	

Southern System Minimum Flow Purchase/Sale

June 2013 Activity

Notification Minimum Flow			PURCHASE									SALE							
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .265%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	Net Cost
6/28/13	6/30/13	100,000	2001	50,000	133	49,867	\$5.2500	within Sec 14	EP - Ehrenberg	\$262,500	\$5,984	6/30/13	2008	150,000	\$3.8800	within Sec 13	SCG - City Gate	\$582,000	
			2002	35,000	93	34,907	\$5.2500	within Sec 14	EP - Ehrenberg	\$183,750	\$4,189	6/30/13	2009	26,711	\$3.8800	within Sec 13	SCG - City Gate	\$103,639	
			2004	15,000	40	14,960	\$4.6000	within Sec 14	EP - Ehrenberg	\$69,000	\$1,795								
6/29/13	6/30/13	28,000	2007	28,000	74	27,926	\$5.0000	within Sec 14	EP - Ehrenberg	\$140,000	\$3,351								

Total 1,587,000 1,431,384 3,794 1,427,590

\$6,302,087.38 **\$171,310.80**

Estimated Otay Transport Fees -

1,427,688

\$5,518,734.72 **\$954,663.46**

(98) Current month need to sell
 - Carryover from prior month
(98) Total needed to sell

Southern System Minimum Flow Purchase/Sale

July 2013 Activity

Notification Minimum Flow			PURCHASE										SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .192%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	
6/28/13	7/1/13	295,000	1988	25,000	48	24,952	\$4.1500	within Sec 13	EP - Ehrenberg	\$103,750	\$998	7/1/13	1983	74,000	\$3.7500	within Sec 13	SCG - City Gate	\$277,500	
			1982	42,000	81	41,919	\$4.1350	within Sec 13	EP - Ehrenberg	\$173,670	\$1,677	7/1/13	1997	100,000	\$3.8600	within Sec 13	SCG - City Gate	\$386,000	
			1994	120,000	231	119,769	\$4.2000	within Sec 13	EP - Ehrenberg	\$504,000	\$4,791	7/2/13	2011	150,000	\$3.9650	within Sec 13	SCG - City Gate	\$594,750	
			1996	108,000	207	107,793	\$4.3200	within Sec 14	EP - Ehrenberg	\$466,560	\$4,312	7/1/13	2012	50,000	\$3.9600	within Sec 13	SCG - City Gate	\$198,000	
6/28/13	7/1/13	100,000	2001	50,000	96	49,904	\$5.2500	within Sec 14	EP - Ehrenberg	\$262,500	\$1,996	7/2/13	2014	21,700	\$3.9000	within Sec 13	SCG - City Gate	\$84,630	
			2002	35,000	67	34,933	\$5.2500	within Sec 14	EP - Ehrenberg	\$183,750	\$1,397	7/3/13	2018	30,000	\$3.9400	within Sec 13	SCG - City Gate	\$118,200	
			2004	15,000	29	14,971	\$4.6000	within Sec 14	EP - Ehrenberg	\$69,000	\$599								
6/30/13	7/1/13	31,000	2010	31,000	59	30,941	\$4.9100	within Sec 14	EP - Ehrenberg	\$152,210	\$1,238								
7/1/13	7/2/13	307,000	2013	21,700	42	21,658	\$4.2000	within Sec 13	EP - Ehrenberg	\$91,140	\$866	7/3/13	2018	170,000	\$3.9400	within Sec 13	SCG - City Gate	\$669,800	
			2015	60,000	115	59,885	\$4.2500	within Sec 13	EP - Ehrenberg	\$255,000	\$2,395	7/3/13	2019	150,000	\$3.9400	within Sec 13	SCG - City Gate	\$591,000	
			2016	99,999	192	99,807	\$4.3000	within Sec 14	EP - Ehrenberg	\$429,996	\$3,992	7/3/13	2026	17,000	\$3.9400	within Sec 13	SCG - City Gate	\$66,980	
			2017	125,300	241	125,059	\$4.3000	within Sec 14	EP - Ehrenberg	\$538,790	\$5,002								
7/1/13	7/2/13	70,000	2021	25,600	49	25,551	\$4.5000	within Sec 14	EP - Ehrenberg	\$115,200	\$1,022								
			2022	5,400	10	5,390	\$4.5500	within Sec 14	EP - Ehrenberg	\$24,570	\$216								
7/2/13	7/3/13	270,000	2023	41,700	80	41,620	\$4.2000	within Sec 13	EP - Ehrenberg	\$175,140	\$1,665	7/3/13	2026	133,000	\$3.9400	within Sec 13	SCG - City Gate	\$524,020	
			2024	65,000	125	64,875	\$4.5000	within Sec 14	EP - Ehrenberg	\$292,500	\$2,595	7/3/13	2027	100,000	\$3.9400	within Sec 13	SCG - City Gate	\$394,000	
			2025	163,300	314	162,986	\$4.5800	within Sec 14	EP - Ehrenberg	\$747,914	\$6,519	7/4/13	2030	56,000	\$3.8800	within Sec 13	SCG - City Gate	\$217,280	
7/2/13	7/3/13	48,000	2031	19,400	37	19,363	\$4.4900	within Sec 14	EP - Ehrenberg	\$87,106	\$775								
7/2/13	7/4/13	180,000	2028	180,000	346	179,654	\$3.8902	within Sec 13	EP - Ehrenberg	\$700,236	\$7,186	7/4/13	2030	124,000	\$3.8800	within Sec 13	SCG - City Gate	\$481,120	
												7/5/13	2030	56,000	\$3.8800	within Sec 13	SCG - City Gate	\$217,280	
7/2/13	7/5/13	220,000	2029	220,000	422	219,578	\$3.8902	within Sec 13	EP - Ehrenberg	\$855,844	\$6,587	7/5/13	2030	124,000	\$3.8800	within Sec 13	SCG - City Gate	\$481,120	
												7/10/13	2034	96,000	\$3.9250	within Sec 13	SCG - City Gate	\$376,800	
7/8/13	7/9/13	124,000	2033	124,000	238	123,762	\$4.4400	within Sec 14	EP - Ehrenberg	\$550,560	\$3,713	7/10/13	2034	114,000	\$3.9250	within Sec 13	SCG - City Gate	\$447,450	
												7/12/13	2041	10,000	\$3.8400	within Sec 13	SCG - City Gate	\$38,400	
7/9/13	7/10/13	163,000	2035	19,500	37	19,463	\$3.9700	within Sec 13	EP - Ehrenberg	\$77,415	\$584	7/12/13	2041	162,000	\$3.8400	within Sec 13	SCG - City Gate	\$622,080	
			2036	35,000	67	34,933	\$4.0500	within Sec 13	EP - Ehrenberg	\$141,750	\$1,048								
			2037	60,000	116	59,884	\$4.2500	within Sec 13	EP - Ehrenberg	\$255,000	\$1,797								
			2038	48,500	93	48,407	\$4.2500	within Sec 13	EP - Ehrenberg	\$206,125	\$1,452								
7/10/13	7/11/13	82,000	2039	30,000	57	29,943	\$4.1000	within Sec 13	EP - Ehrenberg	\$123,000	\$898	7/12/13	2041	78,000	\$3.8400	within Sec 13	SCG - City Gate	\$299,520	
			2040	52,000	100	51,900	\$4.2500	within Sec 13	EP - Ehrenberg	\$221,000	\$1,557	7/15/13	2043	4,000	\$3.6000	within Sec 13	SCG - City Gate	\$14,400	
7/14/13	7/15/13	36,000	2042	36,000	69	35,931	\$4.0000	within Sec 13	EP - Ehrenberg	\$144,000	\$1,078	7/15/13	2043	32,000	\$3.6000	within Sec 13	SCG - City Gate	\$115,200	
												7/19/13	2045	4,000	\$3.8750	within Sec 13	SCG - City Gate	\$15,500	
7/15/13	7/16/13	46,000	2044	46,000	88	45,912	\$4.1900	within Sec 13	EP - Ehrenberg	\$192,740	\$1,377	7/19/13	2045	44,396	\$3.8750	within Sec 13	SCG - City Gate	\$172,035	
7/20/13	7/21/13	40,000	2046	40,000	77	39,923	\$4.2000	within Sec 13	EP - Ehrenberg	\$168,000	\$1,397	7/23/13	2050	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600	
7/21/13	7/21/13	23,000	2049	23,000	44	22,956	\$4.2000	within Sec 13	EP - Ehrenberg	\$96,600	\$803	7/23/13	2051	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600	
												7/23/13	2052	20,000	\$3.8600	within Sec 13	SCG - City Gate	\$77,200	
												7/23/13	2053	10,000	\$3.8500	within Sec 13	SCG - City Gate	\$38,500	
												7/23/13	2054	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600	
												7/23/13	2055	3,000	\$3.8600	within Sec 13	SCG - City Gate	\$11,580	
7/21/13	7/22/13	157,000	2047	97,991	188	97,803	\$4.2000	within Sec 13	EP - Ehrenberg	\$411,562	\$3,423	7/23/13	2055	7,000	\$3.8600	within Sec 13	SCG - City Gate	\$27,020	
			2048	58,994	113	58,881	\$4.4100	within Sec 14	EP - Ehrenberg	\$260,164	\$2,061	7/23/13	2056	5,000	\$3.8600	within Sec 13	SCG - City Gate	\$19,300	

Southern System Minimum Flow Purchase/Sale

July 2013 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .192%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
7/22/13	7/22/13	63,000	2069	63,000	121	62,879	\$4.2000	within Sec 13	EP - Ehrenberg	\$264,600	\$2,201	7/23/13	2057	9,000	\$3.8600	within Sec 13	SCG - City Gate	\$34,740
												7/23/13	2058	10,000	\$3.8550	within Sec 13	SCG - City Gate	\$38,550
												7/22/13	2059	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600
												7/23/13	2060	5,000	\$3.8600	within Sec 13	SCG - City Gate	\$19,300
												7/23/13	2061	1,000	\$3.8600	within Sec 13	SCG - City Gate	\$3,860
												7/22/13	2062	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600
												7/22/13	2063	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600
												7/22/13	2064	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600
												7/22/13	2065	10,000	\$3.8600	within Sec 13	SCG - City Gate	\$38,600
												7/23/13	2066	10,000	\$3.8500	within Sec 13	SCG - City Gate	\$38,500
												7/23/13	2067	10,000	\$3.8500	within Sec 13	SCG - City Gate	\$38,500
												7/23/13	2068	10,000	\$3.8500	within Sec 13	SCG - City Gate	\$38,500
												7/25/13	2073	102,500	\$3.9350	within Sec 13	SCG - City Gate	\$403,338
7/22/13	7/23/13	75,000	2070	75,000	144	74,856	\$4.2000	within Sec 13	EP - Ehrenberg	\$315,000	\$2,620	7/25/13	2073	80,149	\$3.9350	within Sec 13	SCG - City Gate	\$315,386
7/23/13	7/23/13	53,000	2071	24,000	46	23,954	\$4.2000	within Sec 13	EP - Ehrenberg	\$100,800	\$838	7/23/13	2074	19,000	\$3.9300	within Sec 13	SCG - City Gate	\$74,670
7/23/13	7/24/13	183,000	2072	183,000	351	182,649	\$4.2100	within Sec 13	EP - Ehrenberg	\$770,430	\$6,393	7/23/13	2074	81,000	\$3.9300	within Sec 13	SCG - City Gate	\$318,330
												7/25/13	2075	101,801	\$3.9350	within Sec 13	SCG - City Gate	\$400,587
7/24/13	7/25/13	176,000	2076	13,000	25	12,975	\$4.1700	within Sec 13	EP - Ehrenberg	\$54,210	\$454	7/26/13	2078	175,000	\$3.9350	within Sec 13	SCG - City Gate	\$688,625
			2077	163,000	313	162,687	\$4.2700	within Sec 13	EP - Ehrenberg	\$696,010	\$5,694							\$0
7/25/13	7/26/13	111,000	2079	10,000	19	9,981	\$4.0000	within Sec 13	EP - Ehrenberg	\$40,000	\$299	7/29/13	2084	142,389	\$3.7100	within Sec 13	SCG - City Gate	\$528,263
			2080	39,000	75	38,925	\$4.2000	within Sec 13	EP - Ehrenberg	\$163,800	\$1,168							
			2081	62,000	119	61,881	\$4.2500	within Sec 13	EP - Ehrenberg	\$263,500	\$1,856							
7/25/13	7/26/13	31,000	2082	31,000	60	30,940	\$4.2500	within Sec 13	EP - Ehrenberg	\$131,750	\$928							
7/29/13	7/30/13	90,000	2085	90,000	173	89,827	\$4.0100	within Sec 13	EP - Ehrenberg	\$360,900	\$2,695	7/31/13	2087	89,827	\$3.6900	within Sec 13	SCG - City Gate	\$331,462

Total 2,974,000

2,877,384 5,524 2,871,860

\$12,237,791.44 \$102,163.92

Estimated Otay Transport Fees -

2,871,762

\$11,158,075.07 \$1,181,880.29

98 Current month need to sell
 (98) Carryover from prior month
 - Total needed to sell

Southern System Minimum Flow Purchase/Sale

August 2013 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale	
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .192%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point		\$Amt
8/12/13	8/13/13	90,000	2088	35,000	67	34,933	\$3.7000	within Sec 13	EP - Ehrenberg	\$129,500	\$1,572	8/14/13	2093	187,639	\$3.5000	within Sec 13	SCG - City Gate	\$656,737	
			2089	55,000	106	54,894	\$3.8300	within Sec 14	EP - Ehrenberg	\$210,650	\$2,470								
8/13/13	8/14/13	98,000	2090	50,000	96	49,904	\$3.7500	within Sec 13	EP - Ehrenberg	\$187,500	\$2,246								
			2091	7,000	13	6,987	\$3.7900	within Sec 14	EP - Ehrenberg	\$26,530	\$314								
			2092	41,000	79	40,921	\$3.8500	within Sec 14	EP - Ehrenberg	\$157,850	\$1,841								
8/14/13	8/15/13	158,000	2094	15,000	28	14,972	\$3.6500	within Sec 13	EP - Ehrenberg	\$54,750	\$674	8/15/13	2096	155,000	\$3.5400	within Sec 13	SCG - City Gate	\$548,700	
			2095	143,000	275	142,725	\$3.8800	within Sec 14	EP - Ehrenberg	\$554,840	\$6,423								
8/18/13	8/19/13	59,000	2097	59,000	113	58,887	\$3.8500	within Sec 13	EP - Ehrenberg	\$227,150	\$589	8/21/13	2099	137,438	\$3.7600	within Sec 13	SCG - City Gate	\$516,767	
8/19/13	8/20/13	76,000	2098	76,000	146	75,854	\$4.0400	within Sec 13	EP - Ehrenberg	\$307,040	\$759								
8/20/13	8/21/13	98,000	2100	35,000	67	34,933	\$3.9000	within Sec 13	EP - Ehrenberg	\$136,500	\$349	8/23/13	2104	98,000	\$3.7750	within Sec 13	SCG - City Gate	\$369,950	
			2101	63,000	121	62,879	\$4.0300	within Sec 13	EP - Ehrenberg	\$253,890	\$629								
8/21/13	8/22/13	191,000	2102	50,000	96	49,904	\$3.9000	within Sec 13	EP - Ehrenberg	\$195,000	\$499	8/23/13	2104	187,000	\$3.7750	within Sec 13	SCG - City Gate	\$705,925	
			2103	141,000	271	140,729	\$4.0300	within Sec 13	EP - Ehrenberg	\$568,230	\$1,407								
8/21/13	8/22/13	58,000	2105	58,000	111	57,889	\$4.0400	within Sec 13	EP - Ehrenberg	\$234,320	\$579								
8/22/13	8/23/13	165,000	2107	40,000	77	39,923	\$3.8500	within Sec 13	EP - Ehrenberg	\$154,000	\$798	8/24-26/13	2110	165,017	\$3.7250	within Sec 13	SCG - City Gate	\$614,688	
			2108	72,000	138	71,862	\$3.9000	within Sec 13	EP - Ehrenberg	\$280,800	\$1,437								
			2109	53,000	102	52,898	\$4.1100	within Sec 13	EP - Ehrenberg	\$217,830	\$1,058								
8/26/13	8/27/13	97,000	2112	30,000	58	29,942	\$3.9500	within Sec 13	EP - Ehrenberg	\$118,500	\$599	8/29/13	2117	97,000	\$3.8250	within Sec 13	SCG - City Gate	\$371,025	
			2113	12,900	24	12,876	\$4.0500	within Sec 13	EP - Ehrenberg	\$52,245	\$258								
			2114	35,000	67	34,933	\$4.0400	within Sec 13	EP - Ehrenberg	\$141,400	\$699								
			2115	19,100	37	19,063	\$4.1200	within Sec 13	EP - Ehrenberg	\$78,692	\$381								
8/27/13	8/28/13	108,000	2116	108,000	207	107,793	\$4.0500	within Sec 13	EP - Ehrenberg	\$437,400	\$2,156	8/29/13	2117	103,000	\$3.8250	within Sec 13	SCG - City Gate	\$393,975	
8/28/13	8/29/13	155,000	2119	73,000	140	72,860	\$4.0000	within Sec 13	EP - Ehrenberg	\$292,000	\$1,457	8/30-31/13	2121	153,000	\$3.8750	within Sec 13	SCG - City Gate	\$592,875	
			2120	82,000	158	81,842	\$4.1200	within Sec 13	EP - Ehrenberg	\$337,840	\$1,637								
8/28/13	8/29/13	86,000	2124	9,900	19	9,881	\$4.0700	within Sec 13	EP - Ehrenberg	\$40,293	\$198	8/29/13	2127	10,000	\$3.8300	within Sec 13	SCG - City Gate	\$38,300	
			2125	76,100	146	75,954	\$4.2400	within Sec 14	EP - Ehrenberg	\$322,664	\$1,519								
8/29/13	8/30/13	182,000	2128	74,000	142	73,858	\$4.0300	within Sec 13	EP - Ehrenberg	\$298,220	\$2,216	8/30/13	2131	33,000	\$3.8300	within Sec 13	SCG - City Gate	\$126,390	
			2129	108,000	207	107,793	\$4.1500	within Sec 13	EP - Ehrenberg	\$448,200	\$3,234								
8/30/13	8/31/13	76,000	2134	70,000	134	69,866	\$4.0000	within Sec 13	EP - Ehrenberg	\$280,000	\$2,096	8/30/13	2133	75,650	\$3.8300	within Sec 13	SCG - City Gate	\$289,740	
			2135	6,000	12	5,988	\$4.0500	within Sec 13	EP - Ehrenberg	\$24,300	\$180								

Total	1,697,000	1,697,000	3,257	1,693,743	\$6,768,134.00	\$40,272.56	1,693,744	\$6,338,051.21	\$470,355.36
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Estimated Otay Transport Fees -

(1) Current month need to sell
 - Carryover from prior month
(1) Total needed to sell

Southern System Minimum Flow Purchase/Sale

September 2013 Activity

Notification Minimum Flow			PURCHASE										SALE						Net \$ Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .192%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	
8/30/13	9/1/13	50,000	2136	50,000	96	49,904	\$4.0900	Within Sec 13	EP - Ehrenberg	\$204,500	\$1,497	9/4/13	2138	50,000	\$4.0150	Within Sec 13	SCG - City Gate	\$200,750	
8/31/13	9/1/13	26,000		0	0	0	\$0.0000			\$0									
8/30/13	9/2/13	50,000	2136	50,000	96	49,904	\$4.0900	Within Sec 13	EP - Ehrenberg	\$204,500	\$1,497	9/4/13	2138	103,000	\$4.0150	Within Sec 13	SCG - City Gate	\$413,545	
9/1/13	9/2/13	53,000	2149	53,000	102	52,898	\$4.1000	Within Sec 13	EP - Ehrenberg	\$217,300	\$1,587								
8/30/13	9/3/13	131,000	2137	131,000	252	130,748	\$4.0900	Within Sec 13	EP - Ehrenberg	\$535,790	\$3,922	9/4/13	2138	66,999	\$4.0150	Within Sec 13	SCG - City Gate	\$269,001	
9/3/13	9/3/13	46,000	2150	46,000	88	45,912	\$4.1900	Within Sec 13	EP - Ehrenberg	\$192,740	\$1,377	9/5/13	2153	110,000	\$4.0450	Within Sec 13	SCG - City Gate	\$444,950	
9/3/13	9/4/13	267,000	2151	65,000	125	64,875	\$4.2800	Within Sec 13	EP - Ehrenberg	\$278,200	\$1,946	9/5/13	2153	260,000	\$4.0450	Within Sec 13	SCG - City Gate	\$1,051,700	
			2152	202,000	388	201,612	\$4.3000	Within Sec 13	EP - Ehrenberg	\$868,600	\$6,048	9/6/13	2158	7,000	\$4.0600	Within Sec 13	SCG - City Gate	\$28,420	
9/4/13	9/5/13	311,000	2154	31,500	60	31,440	\$4.1500	Within Sec 13	EP - Ehrenberg	\$130,725	\$943	9/6/13	2158	143,000	\$4.0600	Within Sec 13	SCG - City Gate	\$580,580	
			2155	25,000	48	24,952	\$4.1500	Within Sec 13	EP - Ehrenberg	\$103,750	\$749	9/6/13	2159	237,000	\$4.0600	Within Sec 13	SCG - City Gate	\$962,220	
			2156	70,000	135	69,865	\$4.3500	Within Sec 13	EP - Ehrenberg	\$304,500	\$2,096								
			2157	184,500	355	184,145	\$4.4700	Within Sec 14	EP - Ehrenberg	\$824,715	\$5,524								
9/4/13	9/5/13	69,000	2161	69,000	132	68,868	\$4.3100	Within Sec 13	EP - Ehrenberg	\$297,390	\$2,066								
9/4/13	9/6/13	337,000	2160	337,000	648	336,352	\$4.0559	Within Sec 13	EP - Ehrenberg	\$1,366,838	\$0	9/6/13	2159	323,000	\$4.0600	Within Sec 13	SCG - City Gate	\$1,311,380	
9/5/13	9/6/13	282,000	2162	44,300	85	44,215	\$4.2500	Within Sec 13	EP - Ehrenberg	\$188,275	\$0	9/7/13	2168	90,000	\$3.9000	Within Sec 13	SCG - City Gate	\$351,000	
			2163	51,000	98	50,902	\$4.2600	Within Sec 13	EP - Ehrenberg	\$217,260	\$0	9/8/13	2172	60,000	\$3.9000	Within Sec 13	SCG - City Gate	\$234,000	
			2164	25,000	48	24,952	\$4.2600	Within Sec 13	EP - Ehrenberg	\$106,500	\$0	9/10/13	2173	166,000	\$3.8650	Within Sec 13	SCG - City Gate	\$641,590	
			2165	72,000	138	71,862	\$4.2700	Within Sec 13	EP - Ehrenberg	\$307,440	\$0								
			2166	89,700	172	89,528	\$4.3000	Within Sec 13	EP - Ehrenberg	\$385,710	\$0								
9/5/13	9/6/13	21,000	2167	21,000	40	20,960	\$4.3000	Within Sec 13	EP - Ehrenberg	\$90,300	\$0								
9/6/13	9/7/13	144,000	2169	144,000	276	143,724	\$4.1000	Within Sec 13	EP - Ehrenberg	\$590,400	\$0	9/10/13	2173	144,000	\$3.8650	Within Sec 13	SCG - City Gate	\$556,560	
9/6/13	9/8/13	140,000	2170	140,000	269	139,731	\$4.1000	Within Sec 13	EP - Ehrenberg	\$574,000	\$0	9/10/13	2173	140,000	\$3.8650	Within Sec 13	SCG - City Gate	\$541,100	
9/6/13	9/9/13	201,000	2171	201,000	386	200,614	\$4.1000	Within Sec 13	EP - Ehrenberg	\$824,100	\$0	9/10/13	2173	150,000	\$3.8650	Within Sec 13	SCG - City Gate	\$579,750	
												9/7/13	2174	20,000	\$3.9000	Within Sec 13	SCG - City Gate	\$78,000	
												9/8/13	2175	27,964	\$3.9000	Within Sec 13	SCG - City Gate	\$109,060	
9/9/13	9/10/13	118,000	2177	60,000	116	59,884	\$4.0500	Within Sec 13	EP - Ehrenberg	\$243,000	\$0	9/12/13	2180	40,000	\$3.8200	Within Sec 13	SCG - City Gate	\$152,800	
			2178	22,600	43	22,557	\$4.0500	Within Sec 13	EP - Ehrenberg	\$91,530	\$0	9/12/13	2183	77,774	\$3.8200	Within Sec 13	SCG - City Gate	\$297,097	
			2179	35,400	68	35,332	\$4.1300	Within Sec 13	EP - Ehrenberg	\$146,202	\$0								
9/10/13	9/11/13	68,000	2181	20,000	38	19,962	\$3.9500	Within Sec 13	EP - Ehrenberg	\$79,000	\$0	9/12/13	2183	62,226	\$3.8200	Within Sec 13	SCG - City Gate	\$237,703	
			2182	48,000	93	47,907	\$4.0000	Within Sec 13	EP - Ehrenberg	\$192,000	\$0	9/12/13	2185	5,600	\$3.8400	Within Sec 13	SCG - City Gate	\$21,504	
9/16/13	9/17/13	97,000	2187	25,000	48	24,952	\$4.3000	Within Sec 14	EP - Ehrenberg	\$107,500	\$3,434	9/19/13	2191	97,000	\$3.8750	Within Sec 13	SCG - City Gate	\$375,875	
			2188	72,000	138	71,862	\$4.3200	Within Sec 14	EP - Ehrenberg	\$311,040	\$9,891								
9/17/13	9/18/13	114,000	2189	80,000	154	79,846	\$4.1600	Within Sec 13	EP - Ehrenberg	\$332,800	\$10,990	9/19/13	2191	103,000	\$3.8750	Within Sec 13	SCG - City Gate	\$399,125	
			2190	34,000	65	33,935	\$4.2000	Within Sec 13	EP - Ehrenberg	\$142,800	\$4,671	9/20/13	2195	11,000	\$3.8800	Within Sec 13	SCG - City Gate	\$42,680	
9/18/13	9/19/13	86,000	2192	52,000	100	51,900	\$4.1200	Within Sec 13	EP - Ehrenberg	\$214,240	\$7,144	9/20/13	2195	85,471	\$3.8800	Within Sec 13	SCG - City Gate	\$331,627	
			2193	34,000	65	33,935	\$4.1500	Within Sec 13	EP - Ehrenberg	\$141,100	\$4,671								

Total	2,611,000	2,585,000	4,965	2,580,035	\$10,814,745.30	\$70,054.32	2,580,034	\$10,212,017.07	\$672,782.55
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Estimated Otay Transport Fees -

1 Current month need to sell
 (1) Carryover from prior month
 - Total needed to sell

Southern System Minimum Flow Purchase/Sale

October 2013 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .275%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
10/1/13	10/2/13	35,000	2206	35,000	96	34,904	\$3.7000	Within Sec 13	EP - Ehrenberg	\$129,500	\$2,443	10/4/13	2207	34,904	\$3.6700	Within Sec 13	SCG - City Gate	\$128,098
10/14/13	10/15/13	16,000	2213	15,797	43	15,754	\$3.9600	Within Sec 13	EP - Ehrenberg	\$62,556	\$1,733	10/17/13	2216	15,956	\$4.1100	Within Sec 13	SCG - City Gate	\$65,579
10/20/13	10/21/13	20,000	2222	20,000	55	19,945	\$3.9500	Within Sec 13	EP - Ehrenberg	\$79,000	\$2,393	10/23/13	2226	20,000	\$3.9200	Within Sec 13	SCG - City Gate	\$78,400
10/21/13	10/22/13	104,000	2224	20,000	55	19,945	\$3.9500	Within Sec 13	EP - Ehrenberg	\$79,000	\$2,393	10/23/13	2226	100,000	\$3.9200	Within Sec 13	SCG - City Gate	\$392,000
			2225	84,000	231	83,769	\$4.0900	Within Sec 13	EP - Ehrenberg	\$343,560	\$10,052	10/24/13	2228	4,000	\$3.9750	Within Sec 13	SCG - City Gate	\$15,900
10/22/13	10/23/13	105,000	2227	105,000	289	104,711	\$3.9900	Within Sec 13	EP - Ehrenberg	\$418,950	\$12,565	10/24/13	2228	96,000	\$3.9750	Within Sec 13	SCG - City Gate	\$381,600
												10/24/13	2233	9,000	\$3.9750	Within Sec 13	SCG - City Gate	\$35,775
10/23/13	10/24/13	73,000	2231	15,000	41	14,959	\$4.0000	Within Sec 13	EP - Ehrenberg	\$60,000	\$1,795	10/24/13	2233	71,000	\$3.9750	Within Sec 13	SCG - City Gate	\$282,225
			2232	58,000	160	57,840	\$4.0400	Within Sec 13	EP - Ehrenberg	\$234,320	\$6,941	10/30/13	2235	955	\$3.9300	Within Sec 13	SCG - City Gate	\$3,753

Total 353,000 352,797 970 351,827

\$1,406,886.12 \$40,316.50
Estimated Otay Transport Fees -

351,815

\$1,383,329.99 \$63,872.63

12 Current month need to sell
- Carryover from prior month
12 Total needed to sell

Southern System Minimum Flow Purchase/Sale

November 2013 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale	
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .275%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point		\$Amt
11/3/13	11/4/13	113,000	2236	113,000	311	112,689	\$3.7700	Within Sec 13	EP - Ehrenberg	\$426,010	\$15,511	11/4/13	2237	112,689	\$3.6750	Within Sec 13	SCG - City Gate	\$414,132	
11/4/13	11/5/13	109,000	2240	70,000	193	69,807	\$3.8500	Within Sec 13	EP - Ehrenberg	\$269,500	\$9,608	11/5/13	2243	108,712	\$3.6750	Within Sec 13	SCG - City Gate	\$399,517	
			2241	20,000	55	19,945	\$3.7500	Within Sec 13	EP - Ehrenberg	\$75,000	\$2,745								
			2242	19,000	52	18,948	\$3.8000	Within Sec 13	EP - Ehrenberg	\$72,200	\$2,608								
11/5/13	11/6/13	35,000	2244	30,000	83	29,917	\$3.6500	Within Sec 13	EP - Ehrenberg	\$109,500	\$4,118	11/6/13	2246	10,000	\$3.7950	Within Sec 13	SCG - City Gate	\$37,950	
			2245	5,000	13	4,987	\$3.7000	Within Sec 13	EP - Ehrenberg	\$18,500	\$686	11/6/13	2247	24,000	\$3.7900	Within Sec 13	SCG - City Gate	\$90,960	
11/7/13	11/8/13	38,000	2250	38,000	105	37,895	\$3.8700	Within Sec 13	EP - Ehrenberg	\$147,060	\$5,216	11/7/13	2249	5,000	\$3.8700	Within Sec 13	SCG - City Gate	\$19,350	
11/7/13	11/8/13	20,000	2252	20,000	54	19,946	\$3.9500	Within Sec 13	EP - Ehrenberg	\$79,000	\$2,745	11/8/13	2251	33,799	\$3.8000	Within Sec 13	SCG - City Gate	\$128,436	
												11/11/13	2254	20,000	\$3.8500	Within Sec 13	SCG - City Gate	\$77,000	
11/10/13	11/11/13	83,000	2253	83,000	228	82,772	\$3.8900	Within Sec 13	EP - Ehrenberg	\$322,870	\$11,393	11/11/13	2254	82,716	\$3.8500	Within Sec 13	SCG - City Gate	\$318,457	
11/12/13	11/13/13	37,000	2255	37,000	102	36,898	\$3.8100	Within Sec 13	EP - Ehrenberg	\$140,970	\$5,079	11/13/13	2256	36,898	\$3.9100	Within Sec 13	SCG - City Gate	\$144,271	
11/17/13	11/18/13	108,000	2270	105,500	290	105,210	\$3.9200	Within Sec 13	EP - Ehrenberg	\$413,560	\$14,481	11/19/13	2275	79,780	\$3.8850	Within Sec 13	SCG - City Gate	\$309,945	
			2271	2,500	7	2,493	\$3.8500	Within Sec 13	EP - Ehrenberg	\$9,625	\$343	11/20/13	2281	27,705	\$3.8100	Within Sec 13	SCG - City Gate	\$105,556	
11/18/13	11/19/13	80,000	2273	25,000	69	24,931	\$3.9000	Within Sec 13	EP - Ehrenberg	\$97,500	\$3,432	11/20/13	2281	80,000	\$3.8100	Within Sec 13	SCG - City Gate	\$304,800	
			2274	55,000	151	54,849	\$3.9500	Within Sec 13	EP - Ehrenberg	\$217,250	\$7,549								
11/19/13	11/20/13	83,000	2287	65,000	179	64,821	\$3.8400	Within Sec 13	EP - Ehrenberg	\$249,600	\$8,922	11/20/13	2289	82,000	\$3.7700	Within Sec 13	SCG - City Gate	\$309,140	
			2288	18,000	49	17,951	\$3.9000	Within Sec 13	EP - Ehrenberg	\$70,200	\$2,471								
11/20/13	11/21/13	45,000	2292	19,500	54	19,446	\$3.8700	Within Sec 13	EP - Ehrenberg	\$75,465	\$2,677	11/21/13	2294	44,876	\$3.8500	Within Sec 13	SCG - City Gate	\$172,773	
			2293	25,500	70	25,430	\$3.9200	Within Sec 13	EP - Ehrenberg	\$99,960	\$3,500								
11/21/13	11/22/13	139,000	2302	55,000	151	54,849	\$3.8500	Within Sec 13	EP - Ehrenberg	\$211,750	\$6,033	11/22/13	2306	9,973	\$3.9300	Within Sec 13	SCG - City Gate	\$39,194	
			2303	10,000	28	9,972	\$3.9000	Within Sec 13	EP - Ehrenberg	\$39,000	\$1,097	11/22/13	2307	55,000	\$3.8900	Within Sec 13	SCG - City Gate	\$213,950	
			2304	65,000	179	64,821	\$3.9400	Within Sec 13	EP - Ehrenberg	\$256,100	\$7,130	11/22/13	2308	74,416	\$3.8800	Within Sec 13	SCG - City Gate	\$288,734	
			2305	9,000	24	8,976	\$4.0300	Within Sec 13	EP - Ehrenberg	\$36,270	\$987								
11/22/13	11/23/13	101,000	2312	20,000	55	19,945	\$3.8700	Within Sec 13	EP - Ehrenberg	\$77,400	\$2,194	11/23/13	2317	51,000	\$3.9700	Within Sec 13	SCG - City Gate	\$202,470	
			2313	30,000	83	29,917	\$4.0500	Within Sec 13	EP - Ehrenberg	\$121,500	\$3,291	11/24/13	2319	51,000	\$3.9700	Within Sec 13	SCG - City Gate	\$202,470	
			2316	51,000	140	50,860	\$4.1100	Within Sec 13	EP - Ehrenberg	\$209,610	\$5,595								
11/22/13	11/24/13	101,000	2314	50,000	138	49,862	\$4.0500	Within Sec 13	EP - Ehrenberg	\$202,500	\$5,485	11/25/13	2321	95,000	\$3.9700	Within Sec 13	SCG - City Gate	\$377,150	
			2318	51,000	140	50,860	\$4.1100	Within Sec 13	EP - Ehrenberg	\$209,610	\$5,595	11/26/13	2323	30,000	\$4.0300	Within Sec 13	SCG - City Gate	\$120,900	
11/23/13	11/24/13	25,000	2322	24,858	68	24,790	\$3.8700	Within Sec 13	EP - Ehrenberg	\$96,200	\$2,727								
11/22/13	11/25/13	150,000	2315	55,000	151	54,849	\$4.0500	Within Sec 13	EP - Ehrenberg	\$222,750	\$6,033	11/26/13	2323	130,000	\$4.0300	Within Sec 13	SCG - City Gate	\$523,900	
			2320	95,000	261	94,739	\$4.1100	Within Sec 13	EP - Ehrenberg	\$390,450	\$10,421	11/25/13	2325	75,000	\$4.0500	Within Sec 13	SCG - City Gate	\$303,750	
11/24/13	11/25/13	157,000	2324	75,000	207	74,793	\$4.9500	Within Sec 14	EP - Ehrenberg	\$371,250	\$8,227	11/26/13	2328	20,000	\$4.0325	Within Sec 13	SCG - City Gate	\$80,650	
			2326	7,520	21	7,499	\$4.8000	Within Sec 14	EP - Ehrenberg	\$36,096	\$825	11/26/13	2330	24,000	\$4.0300	Within Sec 13	SCG - City Gate	\$96,720	
			2327	15,000	41	14,959	\$4.6300	Within Sec 14	EP - Ehrenberg	\$69,450	\$1,645								
11/25/13	11/26/13	217,000	2329	80,000	220	79,780	\$4.4300	Within Sec 14	EP - Ehrenberg	\$354,400	\$8,776	11/26/13	2330	55,780	\$4.0300	Within Sec 13	SCG - City Gate	\$224,793	
			2331	70,000	193	69,807	\$4.5000	Within Sec 14	EP - Ehrenberg	\$315,000	\$7,679	11/26/13	2336	9,973	\$4.0300	Within Sec 13	SCG - City Gate	\$40,191	
			2332	10,000	28	9,972	\$4.5500	Within Sec 14	EP - Ehrenberg	\$45,500	\$1,097	11/27-30/2013	2341	140,000	\$4.0050	Within Sec 13	SCG - City Gate	\$560,700	
			2333	15,000	41	14,959	\$4.3000	Within Sec 13	EP - Ehrenberg	\$64,500	\$1,645								
			2334	15,000	41	14,959	\$4.2400	Within Sec 13	EP - Ehrenberg	\$63,600	\$1,645								
			2335	10,000	27	9,973	\$4.2500	Within Sec 13	EP - Ehrenberg	\$42,500	\$1,097								

Southern System Minimum Flow Purchase/Sale

December 2013 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .275%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
												12/01-02/13	2352	60,000	\$4.0100	Within Sec 13	SCG - City Gate	\$240,600
												12/6/13	2358	7,060	\$4.3400	Within Sec 13	SCG - City Gate	\$30,640
12/5/13	12/6/13	61,000	2360	15,000	41	14,959	\$5.0000	Within Sec 14	NBP - Blythe	\$75,000	\$2,059	12/6/13	2364	55,000	\$4.3850	Within Sec 13	SCG - City Gate	\$241,175
			2361	10,000	28	9,972	\$5.5000	Within Sec 14	EP - Ehrenberg	\$55,000	\$1,373	12/7-9/13	2367	21,000	\$4.6450	Within Sec 13	SCG - City Gate	\$97,545
			2362	30,100	83	30,017	\$5.6000	Within Sec 14	EP - Ehrenberg	\$168,560	\$4,132	12/10/13	2369	3,000	\$7.3000	Within Sec 13	SCG - City Gate	\$21,900
			2363	1,967	5	1,962	\$5.4000	Within Sec 14	EP - Ehrenberg	\$10,622	\$270							
12/5/13	12/6/13	26,000	2365	9,935	27	9,908	\$6.1000	Within Sec 14	EP - Ehrenberg	\$60,604	\$1,364							
			2366	12,000	33	11,967	\$7.0000	Within Sec 14	NBP - Blythe	\$84,000	\$1,647							
12/9/13	12/9/13	60,000	2370	2,665	7	2,658	\$7.5000	Within Sec 13	EP - Ehrenberg	\$19,988	\$366	12/10/13	2369	5,000	\$7.3000	Within Sec 13	SCG - City Gate	\$36,500
			2371	2,022	6	2,016	\$7.6000	Within Sec 13	EP - Ehrenberg	\$15,367	\$277							
			2373	270	1	269	\$8.0000	Within Sec 13	EP - Ehrenberg	\$2,160	\$37							
12/9/13	12/10/13	103,000	2368	102,999	283	102,716	\$7.6800	Within Sec 13	EP - Ehrenberg	\$791,032	\$14,138	12/10/13	2369	94,716	\$7.3000	Within Sec 13	SCG - City Gate	\$691,427
												12/9/13	2372	15,000	\$7.4000	Within Sec 13	SCG - City Gate	\$111,000
12/10/13	12/10/13	50,000	2375	48,000	776	47,224	\$8.3000	Within Sec 15	TGN - Otay	\$398,400	\$6,500	12/9/13	2374	2,000	\$6.5000	Within Sec 13	SCG - City Gate	\$13,000
												12/10/13	2376	38,224	\$7.4000	Within Sec 13	SCG - City Gate	\$282,858
12/10/13	12/11/13	105,000	2377	74,999	206	74,793	\$6.0000	Within Sec 13	EP - Ehrenberg	\$449,994	\$10,295	12/10/13	2376	9,000	\$7.4000	Within Sec 13	SCG - City Gate	\$66,600
			2379	29,999	82	29,917	\$6.3000	Within Sec 13	EP - Ehrenberg	\$188,994	\$4,118	12/11/13	2378	74,793	\$5.2500	Within Sec 13	SCG - City Gate	\$392,663
12/11/13	12/11/13	50,000	2381	25,000	403	24,597	\$5.8000	Within Sec 15	TGN - Otay	\$145,000	\$3,386	12/11/13	2380	29,917	\$5.0000	Within Sec 13	SCG - City Gate	\$149,585
			2383	8,000	130	7,870	\$6.5000	Within Sec 15	TGN - Otay	\$52,000	\$1,083	12/11/13	2382	24,597	\$5.2000	Within Sec 13	SCG - City Gate	\$127,904
			2385	17,000	275	16,725	\$7.2500	Within Sec 15	TGN - Otay	\$123,250	\$2,302	12/11/13	2384	7,870	\$5.1500	Within Sec 13	SCG - City Gate	\$40,531
												12/11/13	2386	7,725	\$5.0000	Within Sec 13	SCG - City Gate	\$38,625
12/11/13	12/12/13	25,000	2387	25,000	69	24,931	\$5.0000	Within Sec 13	EP - Ehrenberg	\$125,000	\$3,432	12/11/13	2386	9,000	\$5.0000	Within Sec 13	SCG - City Gate	\$45,000
												12/12/13	2388	15,931	\$4.7000	Within Sec 13	SCG - City Gate	\$74,876
12/17/13	12/18/13	47,000	2395	27,000	74	26,926	\$4.5700	Within Sec 13	EP - Ehrenberg	\$123,390	\$3,706	12/12/13	2388	9,000	\$4.7000	Within Sec 13	SCG - City Gate	\$42,300
			2397	20,000	55	19,945	\$4.4900	Within Sec 13	EP - Ehrenberg	\$89,800	\$2,745	12/18/13	2396	37,000	\$4.4800	Within Sec 13	SCG - City Gate	\$165,760
12/30/13	12/31/13	29,000	2401	29,000	80	28,920	\$4.8000	Within Sec 13	EP - Ehrenberg	\$139,200	\$3,981	12/31/13	2402	29,520	\$4.5000	Within Sec 13	SCG - City Gate	\$132,840

Total	556,000	490,956	2,664	488,292	\$3,117,360.02	\$67,208.51	555,353	\$3,043,328.65	\$181,011.34
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Estimated Otay Transport Fees 39,771.46

(67,061) Current month need to sell
 67,061 Carryover from prior month
 - **Total needed to sell**

Southern System Minimum Flow Purchase/Sale

January 2014 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale	
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .33%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point		\$Amt
1/1/14	1/2/14	65,000	2403	25,000	82	24,918	\$4.6000	Within Sec 13	EP - Ehrenberg	\$115,000	\$3,547	1/3/14	2405	64,784	\$4.5650	Within Sec 13	SCG - City Gate	\$295,739	
			2404	38,602	128	38,474	\$4.8000	Within Sec 13	EP - Ehrenberg	\$185,290	\$5,476								
1/6/14	1/7/14	110,000	2406	20,000	66	19,934	\$6.0000	Within Sec 14	EP - Ehrenberg	\$120,000	\$2,837	1/7/14	2408	24,918	\$4.5500	Within Sec 13	SCG - City Gate	\$113,377	
			2407	25,000	82	24,918	\$5.7500	Within Sec 13	EP - Ehrenberg	\$143,750	\$3,547	1/10/14	2413	83,325	\$4.4200	Within Sec 13	SCG - City Gate	\$368,297	
			2409	7,000	23	6,977	\$5.5000	Within Sec 13	EP - Ehrenberg	\$38,500	\$993								
			2410	13,850	46	13,804	\$5.6000	Within Sec 13	EP - Ehrenberg	\$77,560	\$1,965								
			2411	20,000	66	19,934	\$6.5000	Within Sec 14	EP - Ehrenberg	\$130,000	\$2,837								
			2412	24,150	80	24,070	\$6.5000	Within Sec 14	EP - Ehrenberg	\$156,975	\$3,426								
1/9/14	1/10/14	20,000	2414	20,000	66	19,934	\$4.3800	Within Sec 13	EP - Ehrenberg	\$87,600	\$2,837	1/14/14	2416	19,934	\$4.4500	Within Sec 13	SCG - City Gate	\$88,706	
1/13/14	1/14/14	42,000	2415	42,000	139	41,861	\$4.5000	Within Sec 13	EP - Ehrenberg	\$189,000	\$5,958	1/14/14	2416	40,066	\$4.4500	Within Sec 13	SCG - City Gate	\$178,294	
1/22/14	1/23/14	15,000	2423	15,000	49	14,951	\$5.2500	Within Sec 13	EP - Ehrenberg	\$78,750	\$2,128	1/24/14	2424	14,500	\$4.9800	Within Sec 13	SCG - City Gate	\$72,210	
1/23/14	1/24/14	22,000		0	0	0				\$0									
1/23/14	1/24/14	13,000	2425	13,000	43	12,957	\$5.4000	Within Sec 13	EP - Ehrenberg	\$70,200	\$1,844	1/24/14	2426	12,957	\$5.0200	Within Sec 13	SCG - City Gate	\$65,044	
1/26/14	1/27/14	54,000	2427	13,000	43	12,957	\$5.2350	Within Sec 13	EP - Ehrenberg	\$68,055	\$1,844	1/27/14	2428	12,957	\$4.9650	Within Sec 13	SCG - City Gate	\$64,332	
			2429	5,000	16	4,984	\$5.6000	Within Sec 14	EP - Ehrenberg	\$28,000	\$709	1/28/14	2432	43,000	\$5.0550	Within Sec 13	SCG - City Gate	\$217,365	
			2430	20,000	66	19,934	\$6.3000	Within Sec 14	EP - Ehrenberg	\$126,000	\$2,837	1/31/14	2435	111	\$5.2500	Within Sec 13	SCG - City Gate	\$583	
			2431	16,000	53	15,947	\$7.0000	Within Sec 14	EP - Ehrenberg	\$112,000	\$2,270								

Total 341,000 317,602 1,048 316,554

\$1,726,679.60 \$45,055.13

316,552

\$1,463,945.76 \$307,788.98

Estimated Otay Transport Fees -

2 Current month need to sell
 (2) Carryover from prior month
 - Total needed to sell

Southern System Minimum Flow Purchase/Sale

February 2014 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .33%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
2/3/14	2/3/14	45,000	2437	25,000	83	24,917	\$5.7000	Within Sec 13	EP - Ehrenberg	\$142,500	\$3,546	2/3/14	2438	24,917	\$5.3000	Within Sec 13	SCG - City Gate	\$132,060
			2439	15,000	49	14,951	\$7.3500	Within Sec 14	EP - Ehrenberg	\$110,250	\$2,128	2/4/14	2442	14,950	\$6.0500	Within Sec 13	SCG - City Gate	\$90,448
			2440	0	0	0	\$8.0000	Within Sec 14	EP - Ehrenberg	\$0								
2/3/14	2/4/14	68,000	2441	34,838	115	34,723	\$6.8000	Within Sec 13	EP - Ehrenberg	\$236,898	\$4,942	2/4/14	2442	22,925	\$6.0500	Within Sec 13	SCG - City Gate	\$138,696
			2443	5,000	16	4,984	\$6.9500	Within Sec 14	EP - Ehrenberg	\$34,750	\$709	2/5/14	2445	41,000	\$7.3750	Within Sec 13	SCG - City Gate	\$302,375
			2444	24,449	81	24,368	\$7.0000	Within Sec 14	EP - Ehrenberg	\$171,143	\$3,468							
2/4/14	2/5/14	127,000	2448	10,000	33	9,967	\$9.0000	Within Sec 13	EP - Ehrenberg	\$90,000	\$1,419	2/5/14	2445	8,000	\$7.3750	Within Sec 13	SCG - City Gate	\$59,000
			2449	50,000	165	49,835	\$11.0000	Within Sec 14	NBP - Blythe	\$550,000	\$7,093	2/5/14	2451	30,000	\$7.0500	Within Sec 13	SCG - City Gate	\$211,500
			2450	30,000	99	29,901	\$11.7500	Within Sec 14	EP - Ehrenberg	\$352,500	\$4,256	2/6/14	2452	25,000	\$11.7700	Within Sec 13	SCG - City Gate	\$294,250
			2453	37,000	122	36,878	\$12.0000	Within Sec 14	EP - Ehrenberg	\$444,000	\$5,249	2/7/14	2455	63,000	\$7.3400	Within Sec 13	SCG - City Gate	\$462,420
2/5/14	2/6/14	55,000	2456	20,000	66	19,934	\$25.0000	Within Sec 14	EP - Ehrenberg	\$500,000	\$2,837	2/6/14	2458	4,984	\$11.0000	Within Sec 13	SCG - City Gate	\$54,824
			2457	5,000	16	4,984	\$27.0000	Within Sec 14	EP - Ehrenberg	\$135,000	\$709	2/6/14	2460	9,967	\$11.0000	Within Sec 13	SCG - City Gate	\$109,637
			2459	10,000	33	9,967	\$29.0000	Within Sec 14	EP - Ehrenberg	\$290,000	\$1,419	2/6/14	2462	4,984	\$11.0000	Within Sec 13	SCG - City Gate	\$54,824
			2461	5,000	16	4,984	\$31.2500	Within Sec 14	EP - Ehrenberg	\$156,250	\$709	2/6/14	2464	14,951	\$11.0000	Within Sec 13	SCG - City Gate	\$164,461
			2463	15,000	50	14,950	\$33.0000	Within Sec 14	EP - Ehrenberg	\$495,000	\$2,128	2/6/14	2465	5,000	\$8.0500	Within Sec 14	SCG - City Gate	\$40,250
2/6/14	2/6/14	155,000	2468	23,919	79	23,840	\$15.0000	Within Sec 13	EP - Ehrenberg	\$358,785	\$3,393	2/6/14	2466	10,000	\$8.0500	Within Sec 14	SCG - City Gate	\$80,500
			2469	20,000	66	19,934	\$25.0000	Within Sec 13	EP - Ehrenberg	\$500,000	\$2,837	2/6/14	2467	5,000	\$8.0500	Within Sec 14	SCG - City Gate	\$40,250
			2471	21,000	70	20,930	\$29.0000	Within Sec 14	EP - Ehrenberg	\$609,000	\$2,979	2/6/14	2470	19,934	\$10.0000	Within Sec 13	SCG - City Gate	\$199,340
			2472	80,000	264	79,736	\$29.0000	Within Sec 14	EP - Ehrenberg	\$2,320,000	\$11,349	2/6/14	2473	79,736	\$10.0000	Within Sec 13	SCG - City Gate	\$797,360
			2474	9,000	30	8,970	\$29.0000	Within Sec 14	EP - Ehrenberg	\$261,000	\$1,277	2/6/14	2475	8,970	\$10.0000	Within Sec 13	SCG - City Gate	\$89,700
2/6/14	2/7/14	255,000										2/7/14	2850	46,000	\$10.0000	Within Sec 13	SCG - City Gate	\$460,000
			2476	3,000	10	2,990	\$14.0000	Within Sec 14	EP - Ehrenberg	\$42,000	\$426	2/7/14	2850	95,531	\$10.0000	Within Sec 13	SCG - City Gate	\$955,310
			2477	40,000	132	39,868	\$14.5000	Within Sec 14	EP - Ehrenberg	\$580,000	\$5,674	2/7/14	2482	14,950	\$10.0000	Within Sec 13	SCG - City Gate	\$149,500
			2478	55,000	181	54,819	\$16.5000	Within Sec 14	EP - Ehrenberg	\$907,500	\$7,802	2/6/14	2483	2,000	\$10.0000	Within Sec 13	SCG - City Gate	\$20,000
			2479	142,000	469	141,531	\$17.0000	Within Sec 14	EP - Ehrenberg	\$2,414,000	\$20,144	2/8-10/14	2484	141,000	\$6.5200	Within Sec 13	SCG - City Gate	\$919,320
2/9/14	2/10/14	91,000	2485	20,000	66	19,934	\$8.5000	Within Sec 14	EP - Ehrenberg	\$170,000	\$2,837	2/10/14	2486	19,934	\$6.0000	Within Sec 13	SCG - City Gate	\$119,604
			2487	25,000	82	24,918	\$9.5000	Within Sec 14	NBP - Blythe	\$237,500	\$3,547	2/10/14	2488	24,918	\$6.5000	Within Sec 13	SCG - City Gate	\$161,967
			2489	20,000	66	19,934	\$9.5000	Within Sec 14	EP - Ehrenberg	\$190,000	\$2,837	2/10/14	2491	25,914	\$6.0000	Within Sec 13	SCG - City Gate	\$155,484
			2490	26,000	86	25,914	\$10.0000	Within Sec 14	EP - Ehrenberg	\$260,000	\$3,688	2/10/14	2492	19,934	\$6.0000	Within Sec 13	SCG - City Gate	\$119,604
2/10/14	2/11/14	51,000	2493	10,998	36	10,962	\$8.2500	Within Sec 13	EP - Ehrenberg	\$90,734	\$1,560	2/11/14	2494	10,962	\$7.8000	Within Sec 13	SCG - City Gate	\$85,504
			2495	40,000	132	39,868	\$8.3000	Within Sec 13	EP - Ehrenberg	\$332,000	\$5,674	2/11/14	2496	39,868	\$7.8000	Within Sec 13	SCG - City Gate	\$310,970
2/11/14	2/12/14	138,000	2497	15,000	49	14,951	\$7.8300	Within Sec 14	EP - Ehrenberg	\$117,450	\$2,128	2/12/14	2498	14,951	\$6.0000	Within Sec 13	SCG - City Gate	\$89,706
			2499	19,988	66	19,922	\$6.7800	Within Sec 13	EP - Ehrenberg	\$135,519	\$2,835	2/12/14	2501	84,720	\$6.0000	Within Sec 13	SCG - City Gate	\$508,320
			2500	84,950	281	84,669	\$7.7700	Within Sec 14	EP - Ehrenberg	\$660,062	\$12,051	2/12/14	2502	37,800	\$6.0000	Within Sec 13	SCG - City Gate	\$226,800
			2503	17,988	59	17,929	\$8.0000	Within Sec 14	EP - Ehrenberg	\$143,904	\$2,552							
2/12/14	2/13/14	66,000	2504	66,000	218	65,782	\$5.9700	Within Sec 13	EP - Ehrenberg	\$394,020	\$9,363	2/13/14	2505	65,782	\$5.3000	Within Sec 13	SCG - City Gate	\$348,645
													2/27/14	2510	111	\$5.4500	Within Sec 13	SCG - City Gate

Spot Total	1,051,000	1,041,129	3,435	1,037,694	\$14,731,744.04	\$147,694.99	1,037,693	\$7,953,233.40	\$6,926,205.63
Estimated Otay Transport Fees					-				

Southern System Minimum Flow Purchase/Sale

March 2014 Activity

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .33%	Net Amt flowed	Purchase Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	\$Amt	BTS Charge	Flow Date	TC#	Amt (Dths)	Sale Price \$/dth	Rule 41 Limit \$/dth	Delivery/ Receipt Point	
3/3/14	3/4/14	26,000	2514	25,976	86	25,890	\$8.90	Within Sec 13	EP - Ehrenberg	\$231,186	\$3,685	3/4/14	2515	25,915	\$8.4500	Within Sec 13	SCG - City Gate	\$218,982

Total	26,000	25,976	86	25,890	\$231,186.40	\$3,684.92	25,915	\$218,981.75	\$15,889.57
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Estimated Otay Transport Fees -

- (25) Current month need to sell
- 2 Carryover from prior month
- (23) Total needed to sell**



A  Sempra Energy utility®

ATTACHMENT 4

TO

APRIL 21, 2014

ANNUAL REPORT OF SYSTEM

RELIABILITY ISSUES

SOUTHERN ZONE BTS DISCOUNTS

	Hub IT Deliveries		Hub BTS IT		So. Syst. IT		Total BTS IT		Total BTS IT		Discount			
	Dth	\$	Revenue	Deliveries	(Excl. Hub) Dth	Deliveries	Dth	Revenue	Dth	\$	Firm Rate \$/Dth	IT Rate \$/Dth	Applied \$/Dth	Discount (\$K) (FT - IT Rate)* IT_Vol
Apr-13	-	\$	-	14,435,695	14,435,695	14,435,695	\$	1,154,856	14,435,695	0.13763	0.08000	0.05763	\$	831,929
May-13	-	\$	-	18,491,245	18,491,245	18,491,245	\$	1,849,125	18,491,245	0.13763	0.10000	0.03763	\$	695,826
Jun-13	1,991,672	\$	239,001	12,863,640	12,863,640	14,855,312	\$	1,782,637	14,855,312	0.13764	0.12000	0.01764	\$	262,048
Jul-13	2,871,860	\$	102,164	14,521,904	14,521,904	17,393,764	\$	563,538	17,393,764	0.13764	0.03240	0.10524	\$	1,830,540
Aug-13	1,693,743	\$	40,273	14,518,675	14,518,675	16,212,418	\$	459,141	16,212,418	0.13764	0.02832	0.10932	\$	1,772,336
Sep-13	2,283,605	\$	29,254	15,481,012	15,481,012	17,764,617	\$	363,176	17,764,617	0.13764	0.02044	0.11720	\$	2,081,946
Oct-13	498,412	\$	56,441	10,048,644	10,048,644	10,547,056	\$	1,010,539	10,547,056	0.13764	0.09581	0.04183	\$	441,158
Nov-13	1,783,716	\$	245,511	3,292,762	3,292,762	5,076,478	\$	698,726	5,076,478	0.13764	0.13764	0.00000	\$	-
Dec-13	286,709	\$	39,463	2,849,618	2,849,618	3,136,327	\$	431,684	3,136,327	0.13764	0.13764	0.00000	\$	-
Jan-14	316,554	\$	45,055	5,606,485	5,606,485	5,923,039	\$	843,026	5,923,039	0.14233	0.14233	0.00000	\$	-
Feb-14	1,017,760	\$	144,858	2,530,639	2,530,639	3,548,399	\$	505,044	3,548,399	0.14233	0.14233	0.00000	\$	-
Mar-14	25,890	\$	3,685	3,898,901	3,898,901	3,924,791	\$	558,616	3,924,791	0.14233	0.14233	0.00000	\$	-
		\$	945,703	118,539,220	118,539,220	131,309,141	\$	10,220,107	131,309,141				\$	7,915,783

\$ 12,769,921.00 \$ 945,703 118,539,220 131,309,141 \$ 10,220,107 \$ 7,915,783

Appendix 2 to Attachment A

2014 Post Forum Report on System Reliability Issues

**PowerPoint Presentation for SoCalGas Utility Customer Forum on
May 8, 2014**



2014 Customer Forum

May 8, 2014



Southern
California
Gas Company



A Sempra Energy utility®

Glad to be of service.®

Agenda

- Introductions
- Antitrust Disclaimer
- Curtailment Events
 - December 2013 Curtailment
 - February 2014 Curtailment
- Low OFO Proposal
- Review of April 2013 to March 2014
 - Minimum Flow Requirements
 - Southern System Requests
- High OFO Review
- Additional Tools/System Improvements
- Electric – Gas Coordination
- Post Forum Report to be filed no later than July 7, 2014

AMERICAN GAS ASSOCIATION ANTITRUST COMPLIANCE GUIDELINES

Introduction

The American Gas Association and its member companies are committed to full compliance with all laws and regulations, and to maintaining the highest ethical standards in the way we conduct our operations and activities. Our commitment includes strict compliance with federal and state antitrust laws, which are designed to protect this country's free competitive economy.

Responsibility for Antitrust Compliance

Compliance with the antitrust laws is a serious business. Antitrust violations may result in heavy fines for corporations, and in fines and even imprisonment for individuals. While the General Counsel's Office provides guidance on antitrust matters, you bear the ultimate responsibility for assuring that your actions and the actions of any of those under your direction comply with the antitrust laws.

Antitrust Guidelines

In all AGA operations and activities, you must avoid any discussions or conduct that might violate the antitrust laws or even raise an appearance of impropriety. The following guidelines will help you do that:

- **Do** consult counsel about any documents that touch on sensitive antitrust subjects such as pricing, market allocations, refusals to deal with any company, and the like.
- **Do** consult with counsel on any non-routine correspondence that requests an AGA member company to participate in projects or programs, submit data for such activities, or otherwise join other member companies in AGA actions.
- **Do** use an agenda and take accurate minutes at every meeting. Have counsel review the agenda and minutes before they are put into final form and circulated and request counsel to attend meetings where sensitive antitrust subjects may arise.
- **Do** provide these guidelines to all meeting participants.

- **Do not, without prior review by counsel,** have discussions with other member companies about:

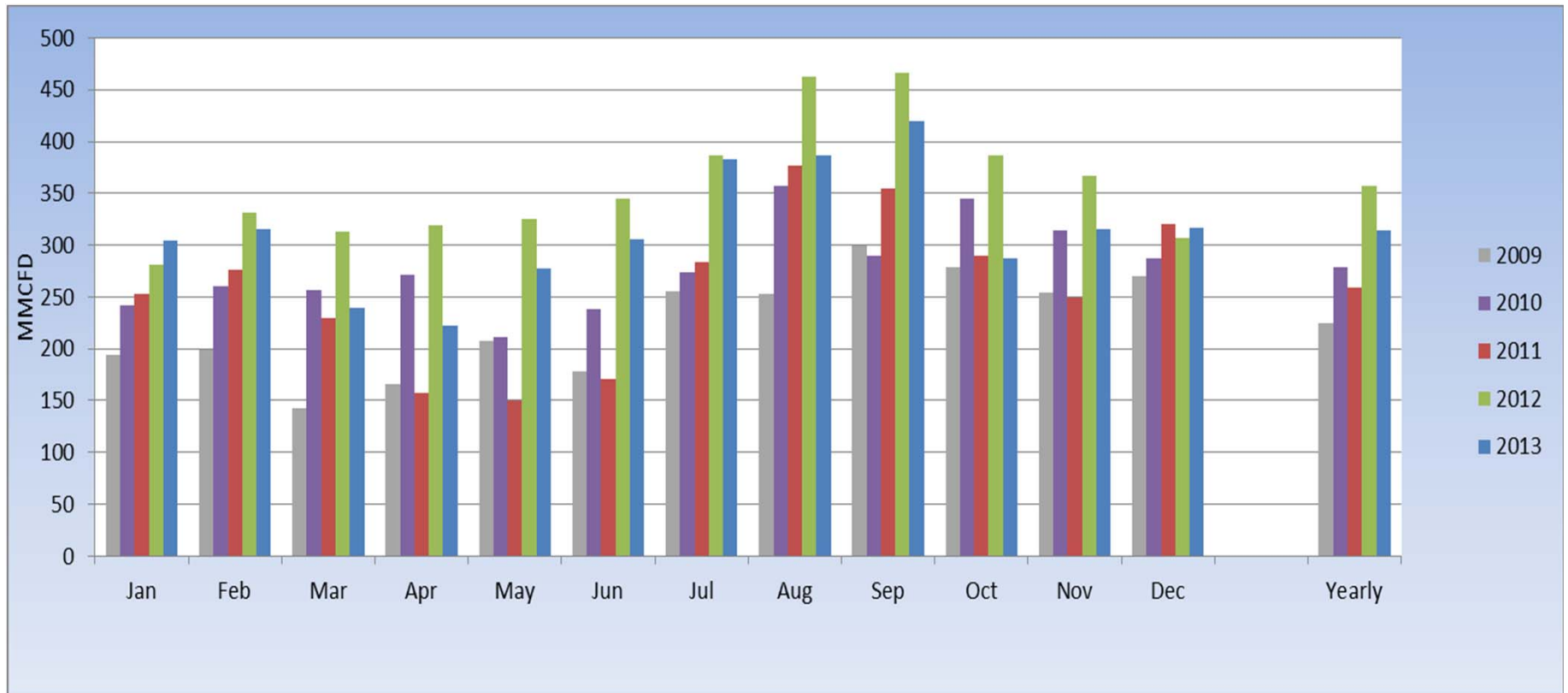
- your company's prices for products, assets or services, or prices charged by your competitors
 - costs, discounts, terms of sale, profit margins or anything else that might affect those prices
 - the resale prices your customers should charge for products or assets you sell them
 - allocating markets, customers, territories products or assets with your competitors
 - limiting production
 - whether or not to deal with any other company
 - any competitively sensitive information concerning your own company or a competitor's.
- **Do not** stay at a meeting, or any other gathering, if those kinds of discussions are taking place.
 - **Do not** discuss any other sensitive antitrust subjects (such as price discrimination, reciprocal dealing, or exclusive dealing agreements) without first consulting counsel.
 - **Do not** create any documents or other records that might be misinterpreted to suggest that AGA condones or is involved in anticompetitive behavior.

We're Here to Help

Whenever you have any question about whether particular AGA activities might raise antitrust concerns, contact the General Counsel's Office, Ph: (202) 824-7072; E-mail: GCO@aga.org, or your legal counsel.

American Gas Association
Office of General Counsel
Issued: December 1997
Revised: December 2008

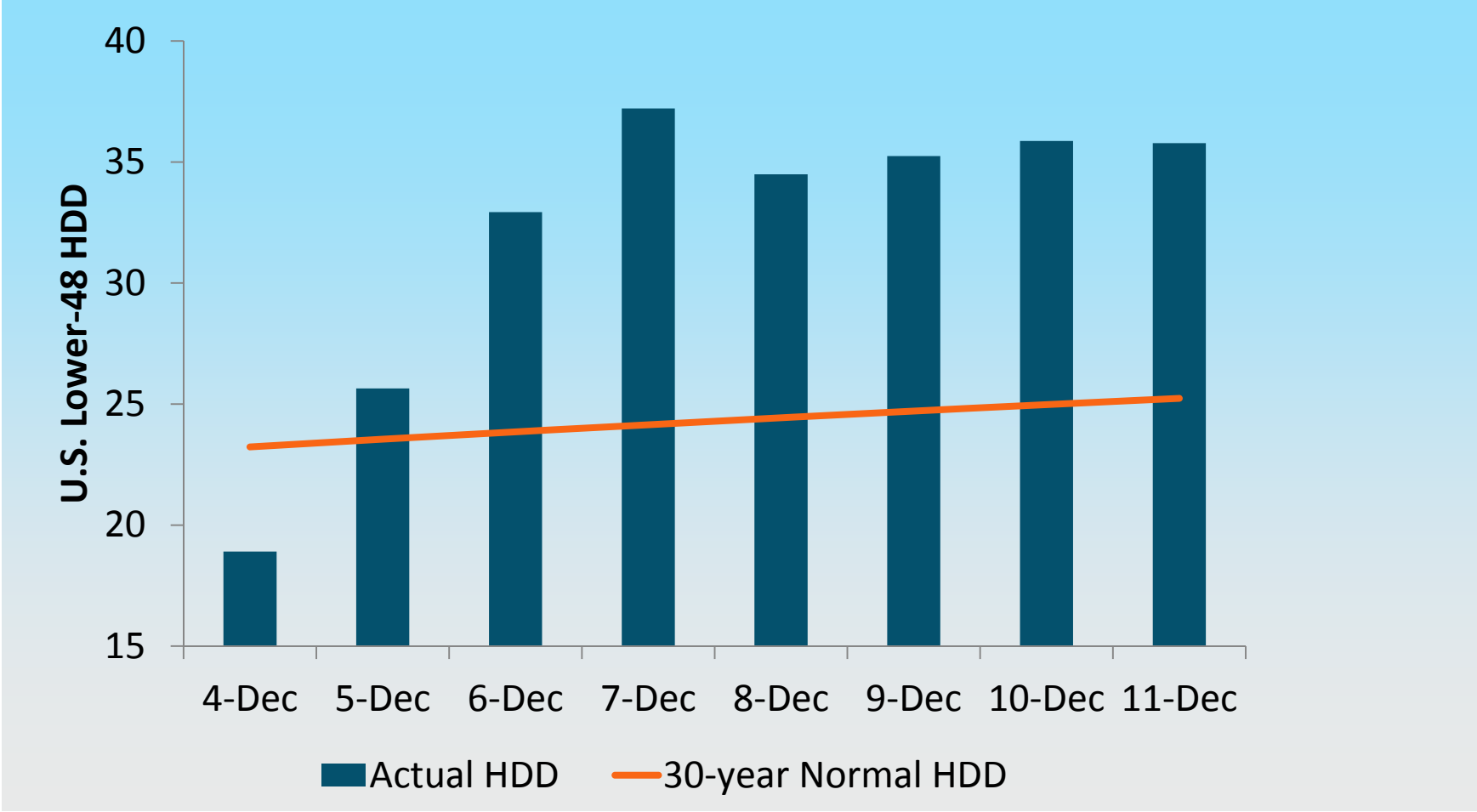
SoCalGas/SDG&E Southern System EG Daily Average Has Increased Post-SONGS



December 2013 Curtailment

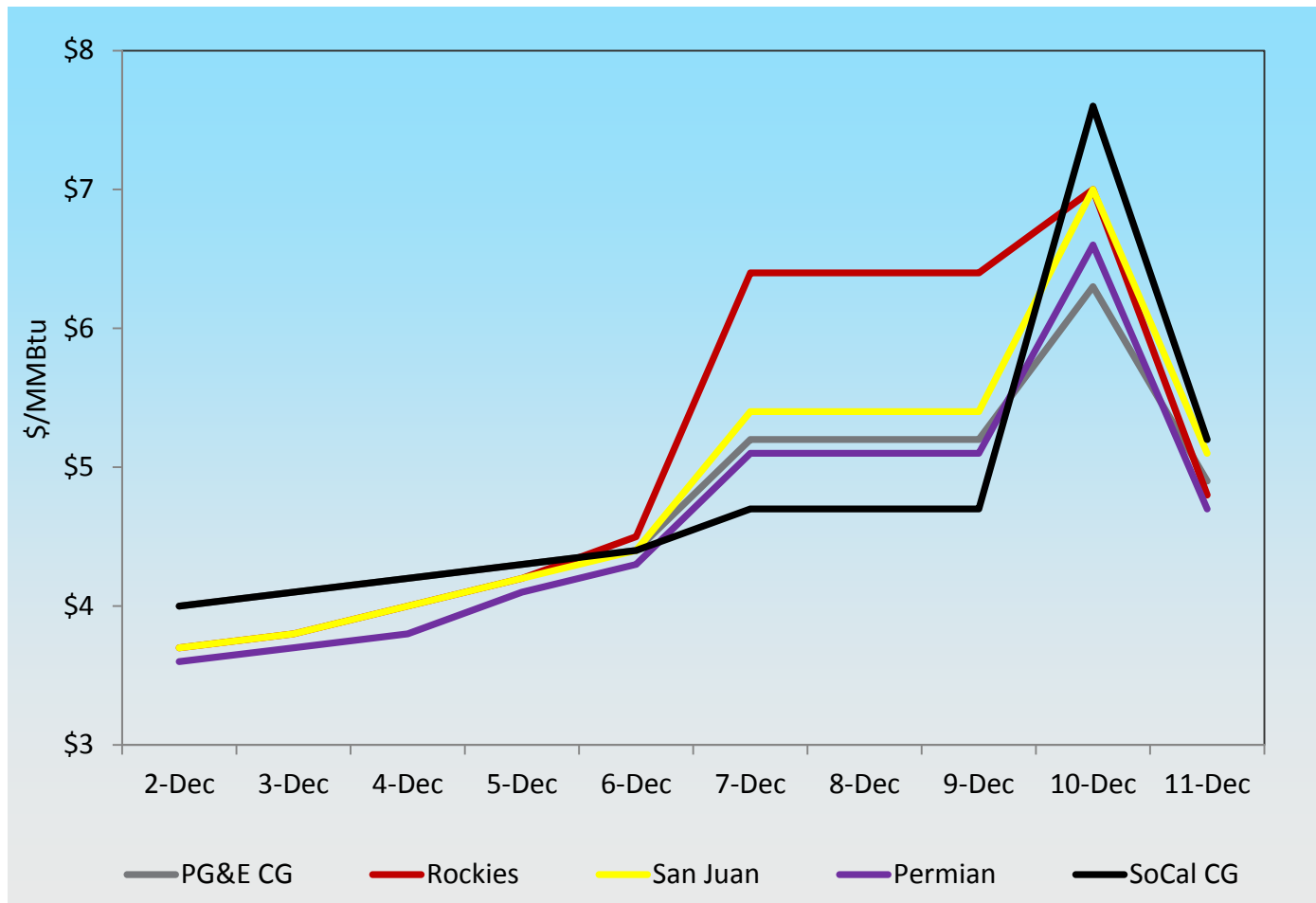
- December 5
 - Gas prices east of California (EOC) begin to rise above SoCalGas border as Winter Storm Cleon starts hitting the western US
- December 6
 - As prices continue to rise EOC, customer deliveries into SoCalGas are 1.6 BCF with a sendout of 4.4 BCF and SoCalGas calls for curtailment of standby service
- December 6-11
 - Cold weather blankets southern California with high core loads as well as high EG utilization
- December 9-10
 - Gas Control works closely with CAISO to move the EG load off of the severely taxed SDG&E and LA basin plants to areas that are closer to the storage fields
 - SoCalGas and SDG&E call for conservation of both gas and electric

Nationally, from December 4th to the 7th Heating Degree Days rose rapidly

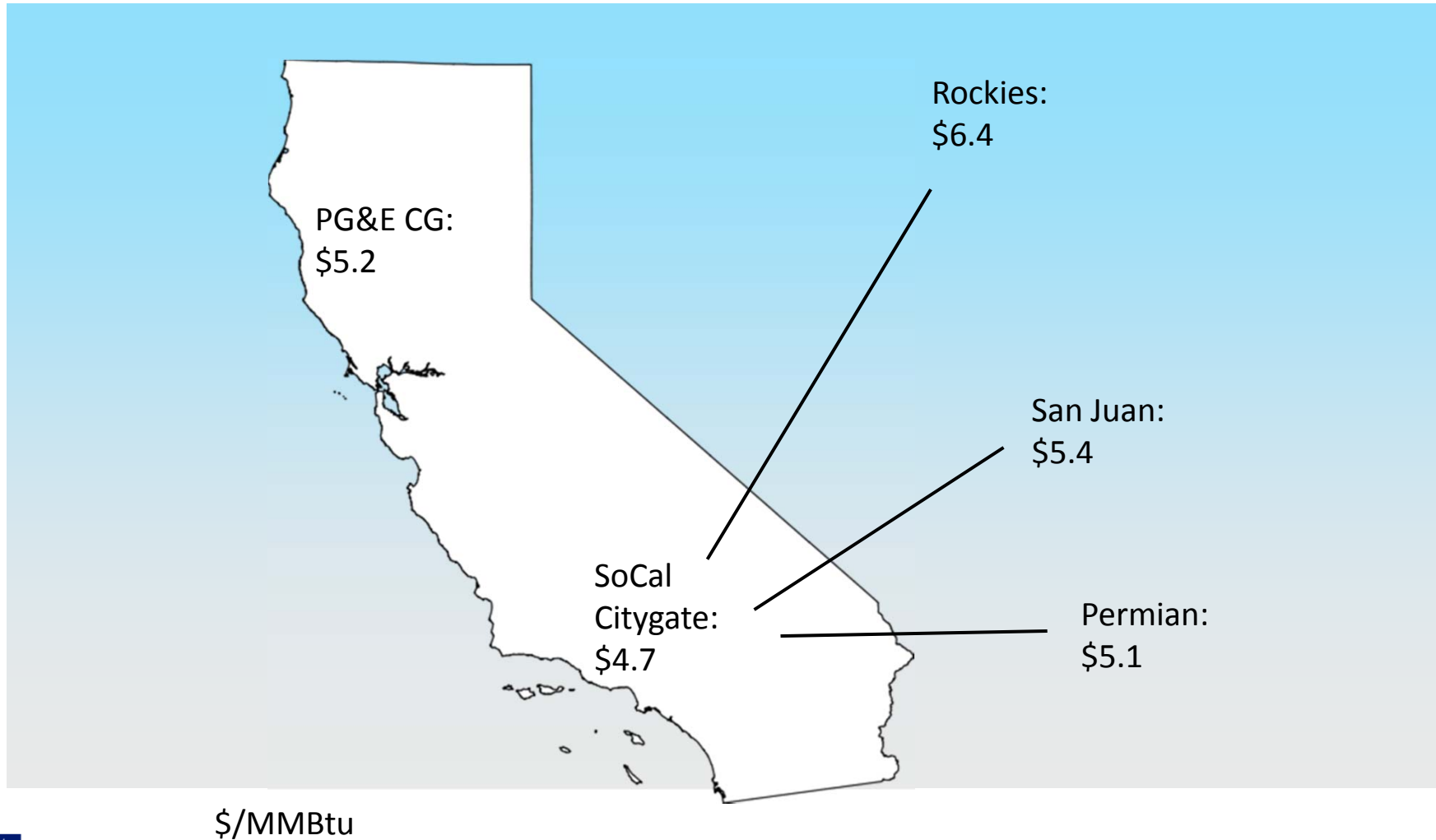


Source: Thomson Reuters

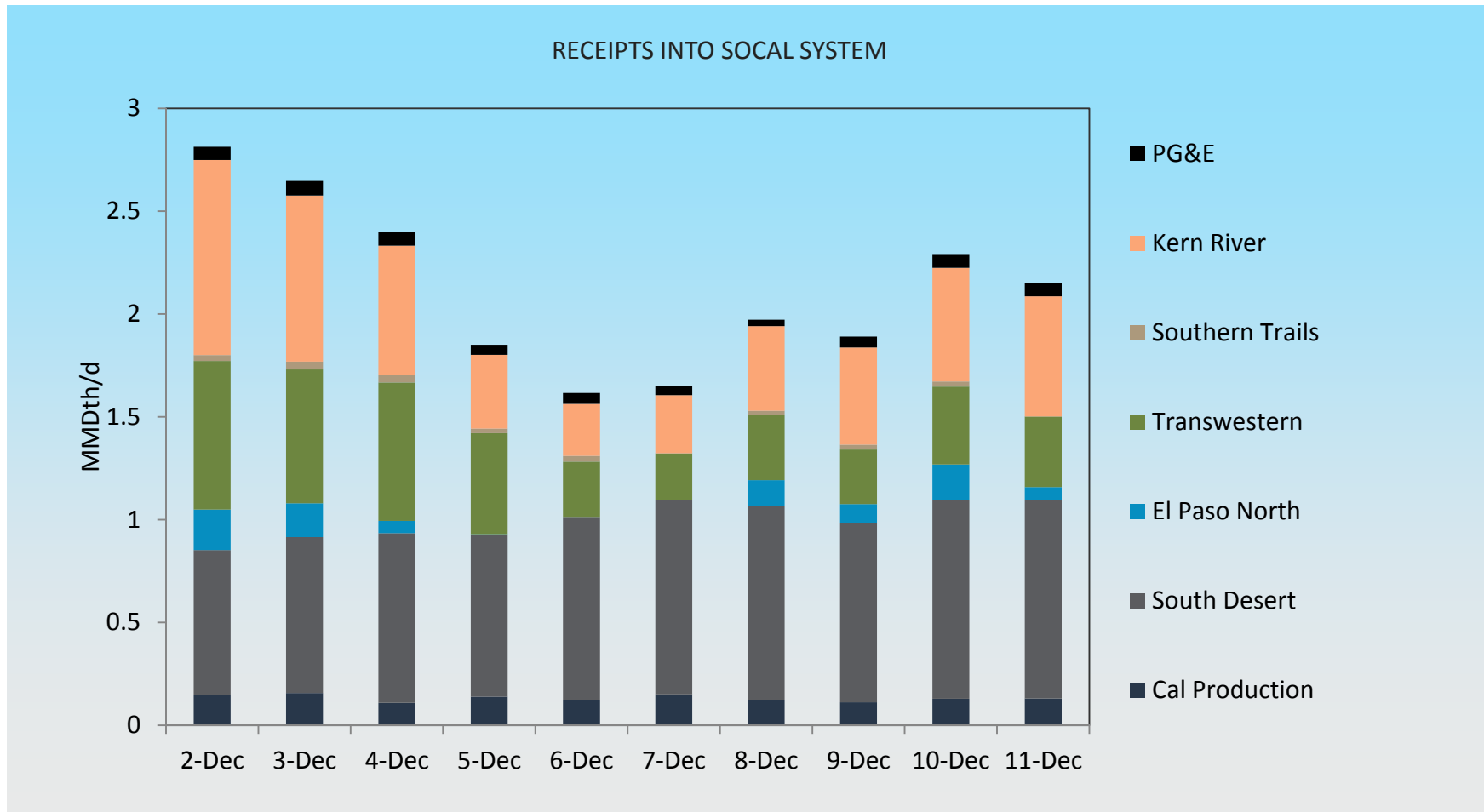
By Dec 6th, Marketers had already begun diverting supplies to higher-valued markets east of California



Dec 7, 2013 Gas Prices

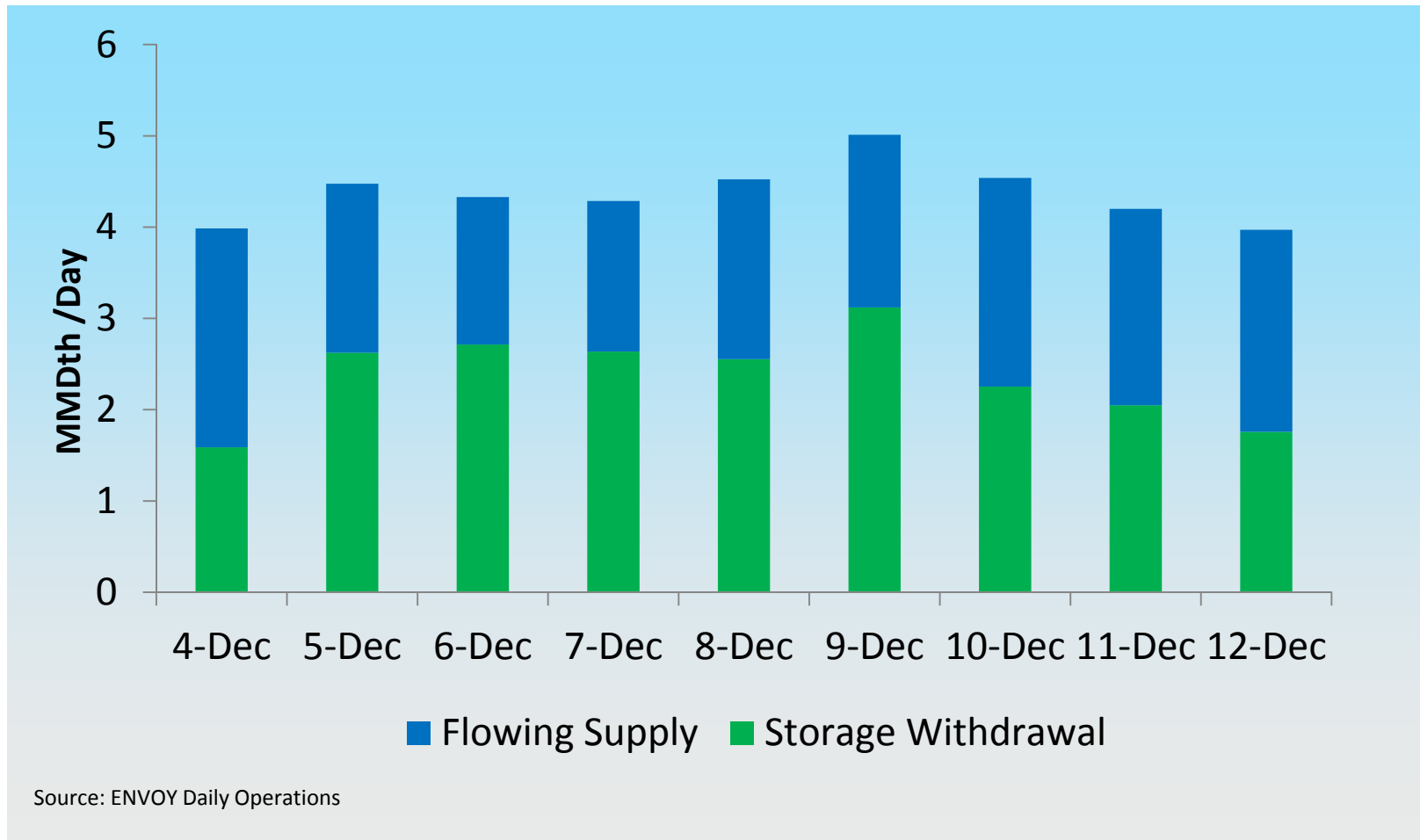


Receipts decline as prices spike elsewhere – Dec. 2013



Source: Envoy Daily Operations

Withdrawal Peaked at 62% of Send Out

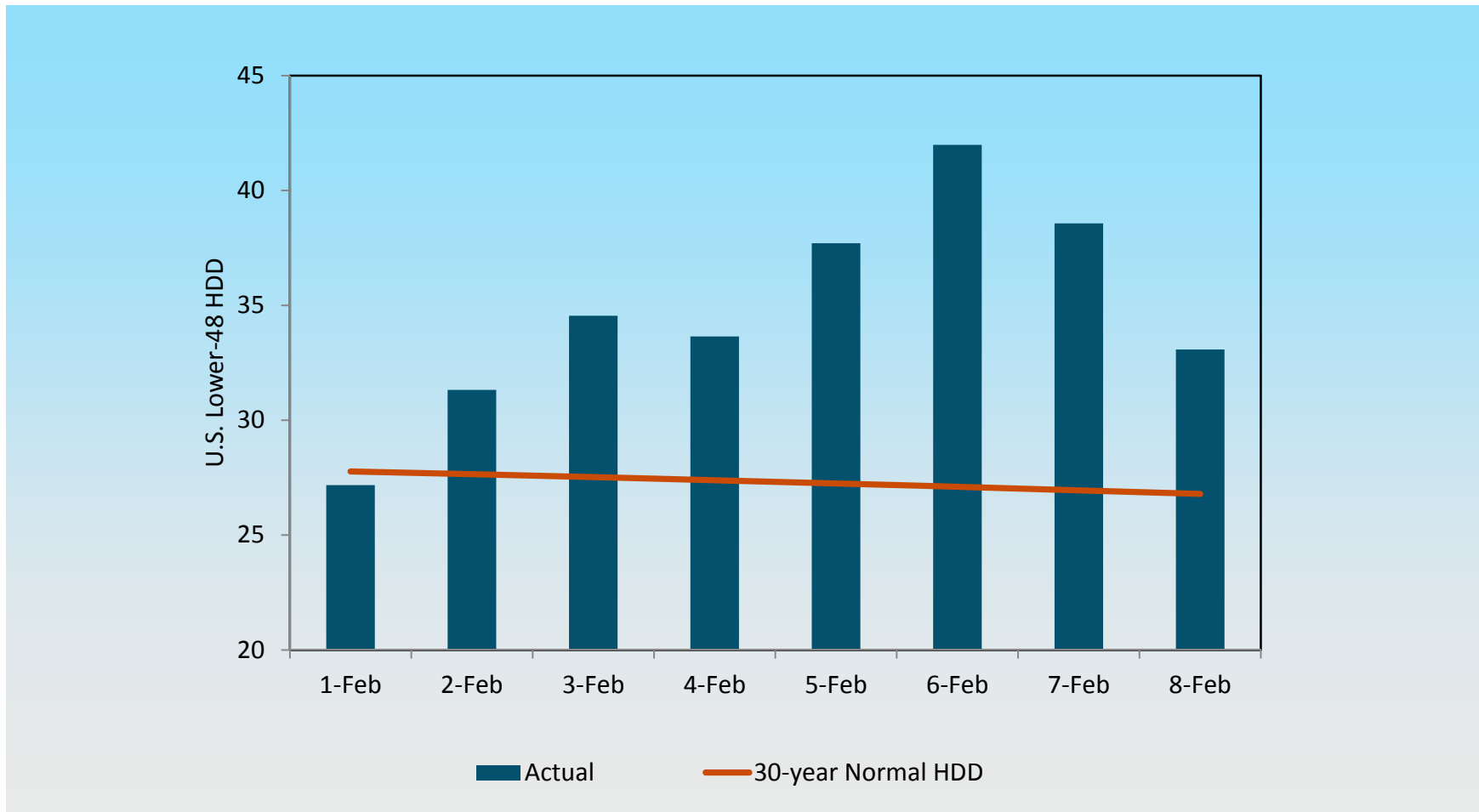


February 2014 Curtailment

February 4-10

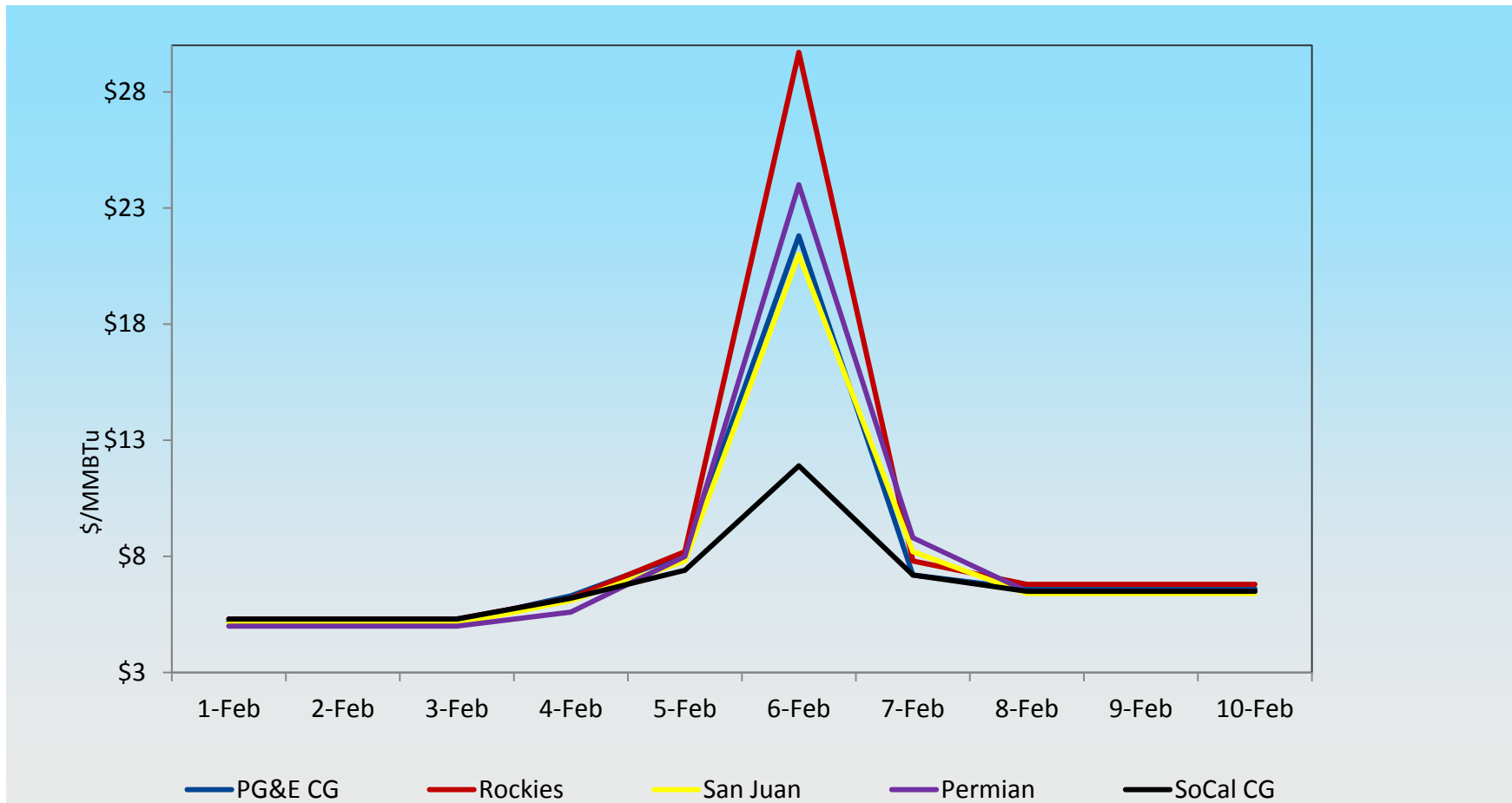
- Average temperature in the lower 48 states fell significantly below normal
- High demand outside California created negative spreads between Southern California and upstream supply zones causing receipts into the SoCalGas system to fall
- In California gas demand for power generation was also boosted by outages in Diablo Canyon units 1 and 2
- **February 6**
- SoCalGas and SDG&E issued an emergency localized curtailment for electric generation customers
- Curtailment of Standby Service called
- SoCalGas worked with CAISO and LADWP to cut and shift load to other areas
- CAISO issues a FlexAlert

Nationally, from February 1st to the 6th Heating Degree Days rose rapidly

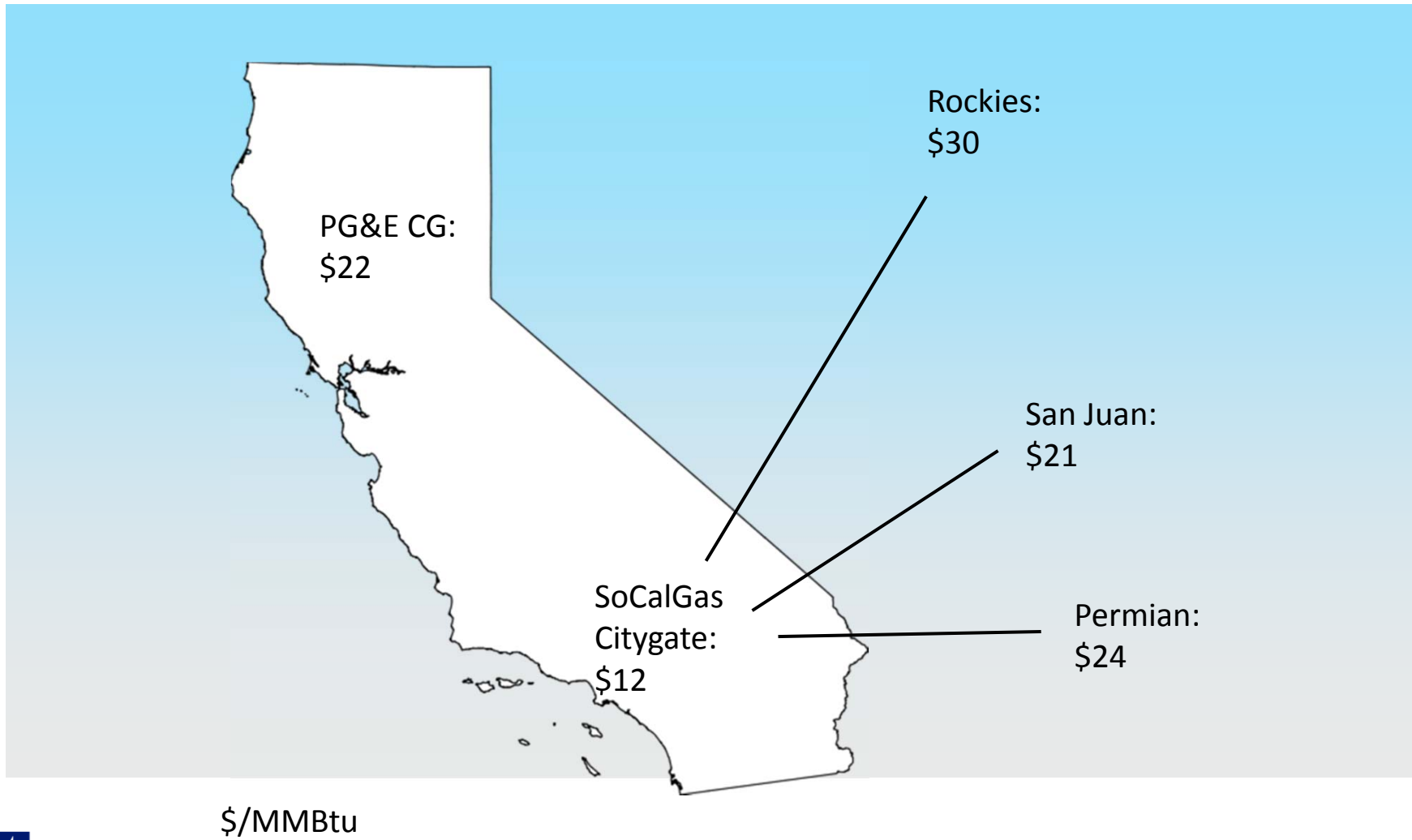


Source: Thomson Reuters

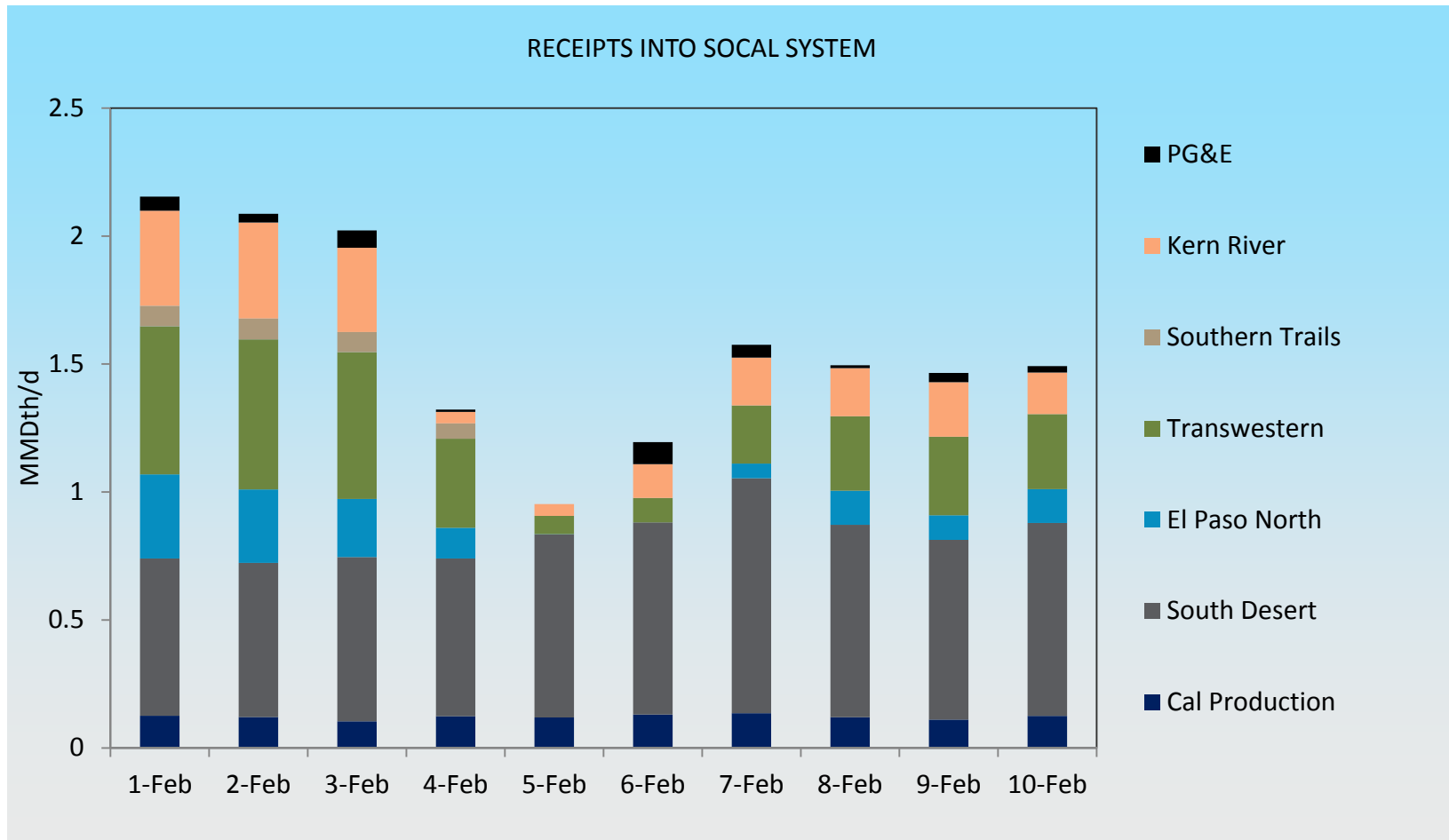
By Feb 5th, marketers had begun diverting supplies to Higher-Valued Markets east of California



Feb 6, 2014 Gas Prices

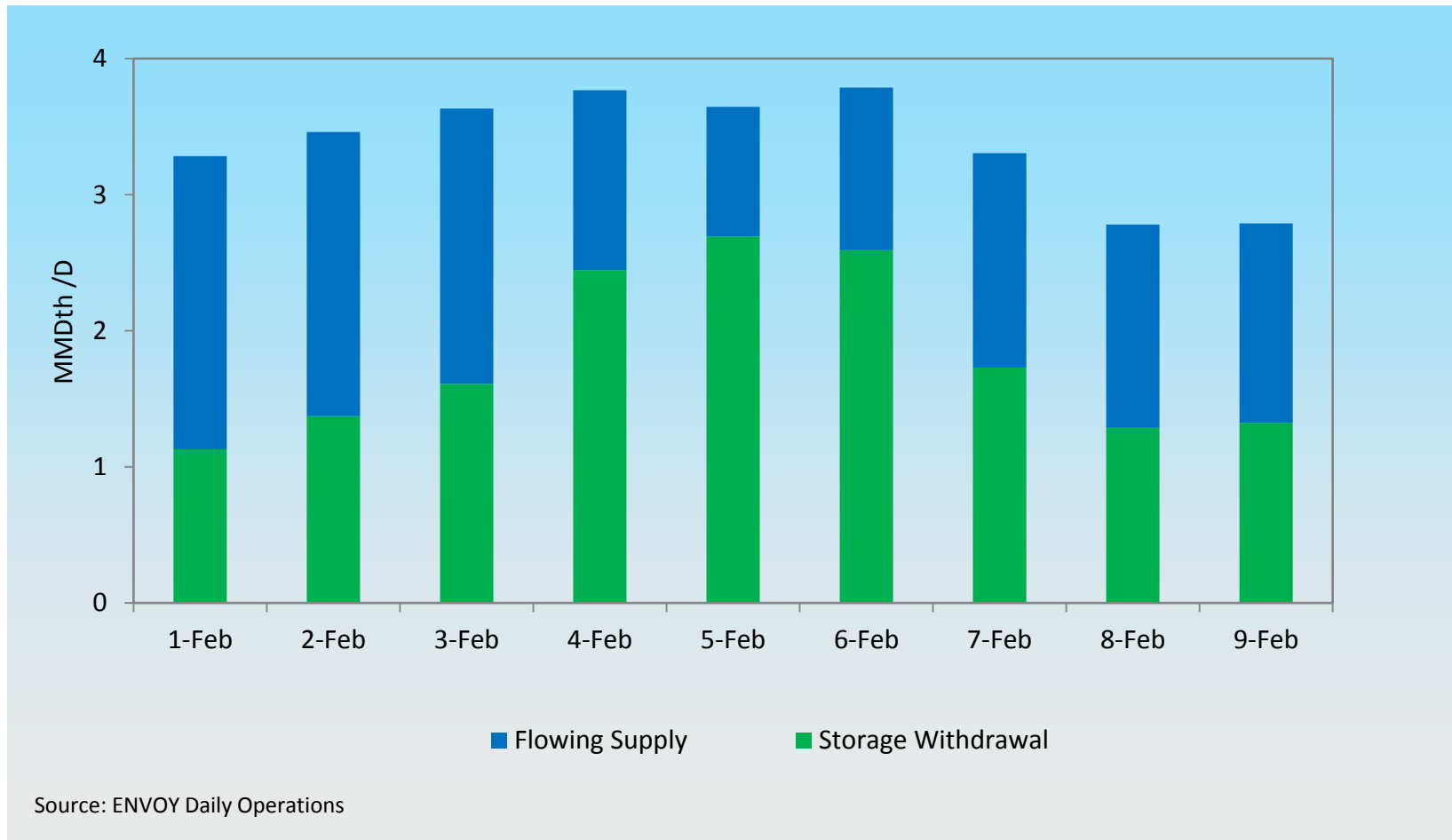


Receipts decline as prices spike elsewhere - Feb. 2014



Source: Envoy Daily Operations

Withdrawal Peaked at 73% of Send Out



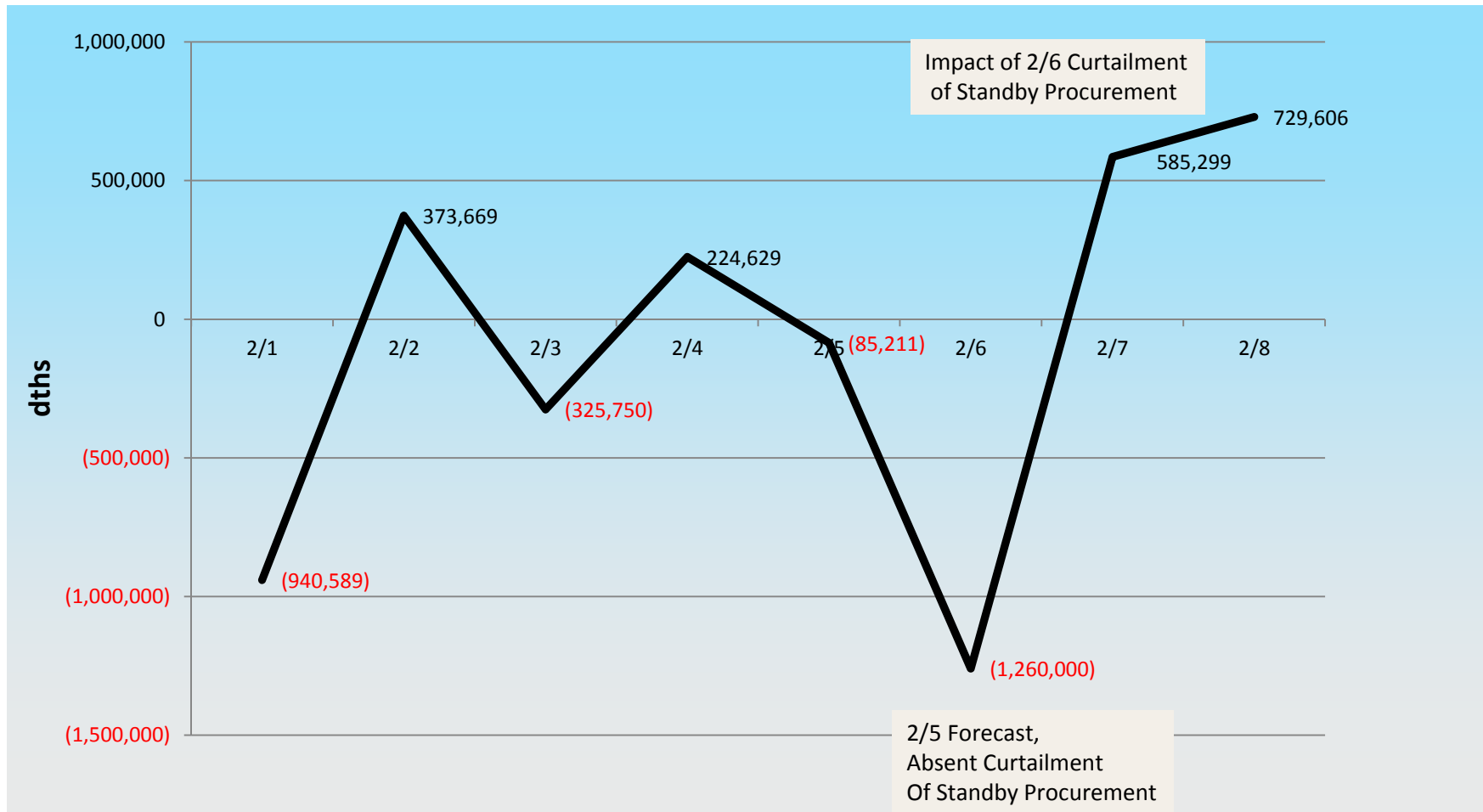
Need for a Low OFO

- 5-day, 50% balancing no longer conforms to market reality
- Despite winter balancing, curtailment of standby procurement was necessary on Dec. 6-11, 2013 and Feb 6-10, 2014
- Feb 6th, 2014 emergency curtailment of electric generators was necessary, and CAISO issued a FlexAlert
- Marketers, suppliers, customers diverted flowing supply to higher-value markets that had abnormally cold weather

Proposed Solution

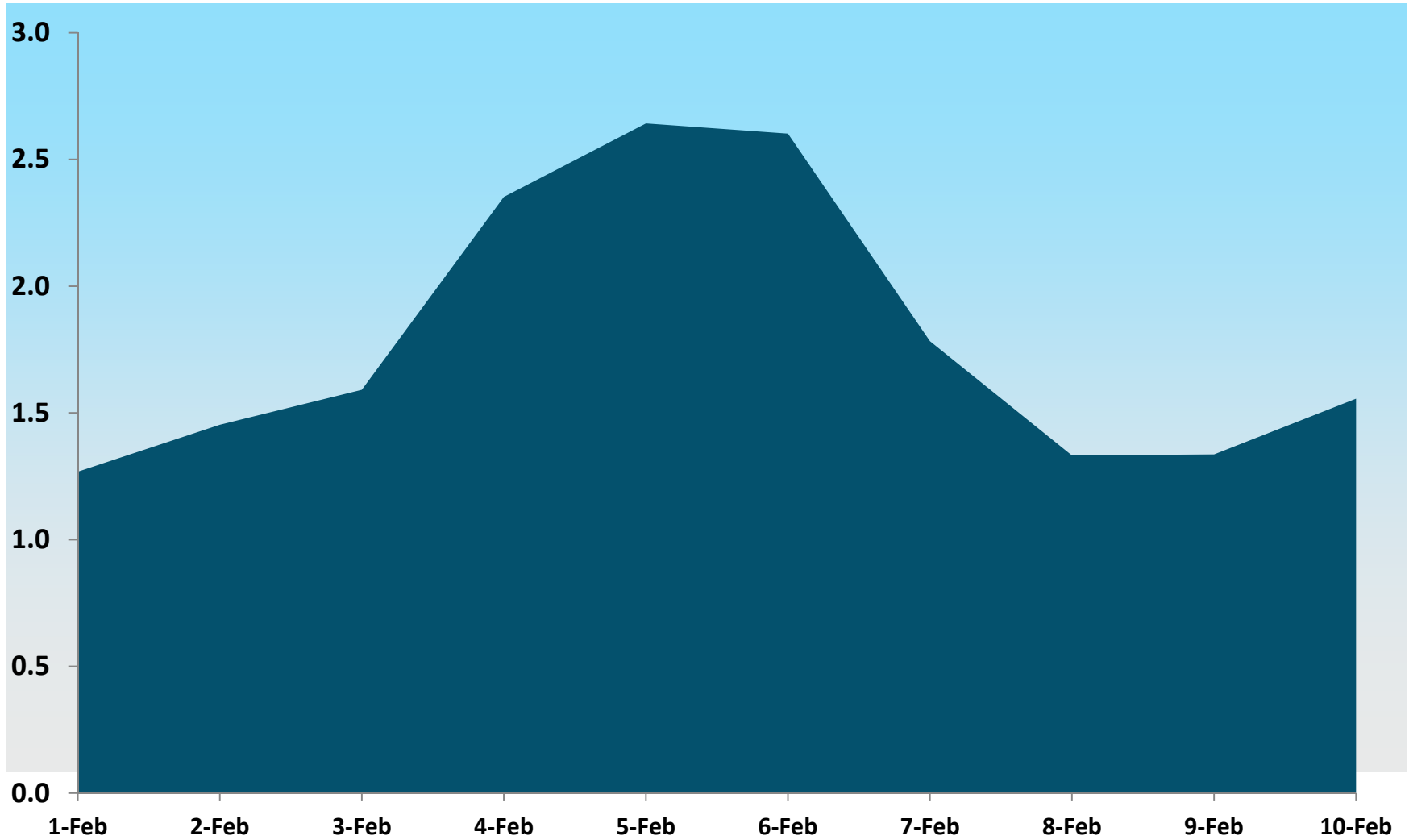
- Replace winter balancing rules (circa 1997) with low OFO procedures similar to those on PG&E system.
 - Low OFOs appeared to adequately deal with supply diversions on PG&E system during last winter period.

February Storage Withdrawal Used for Balancing

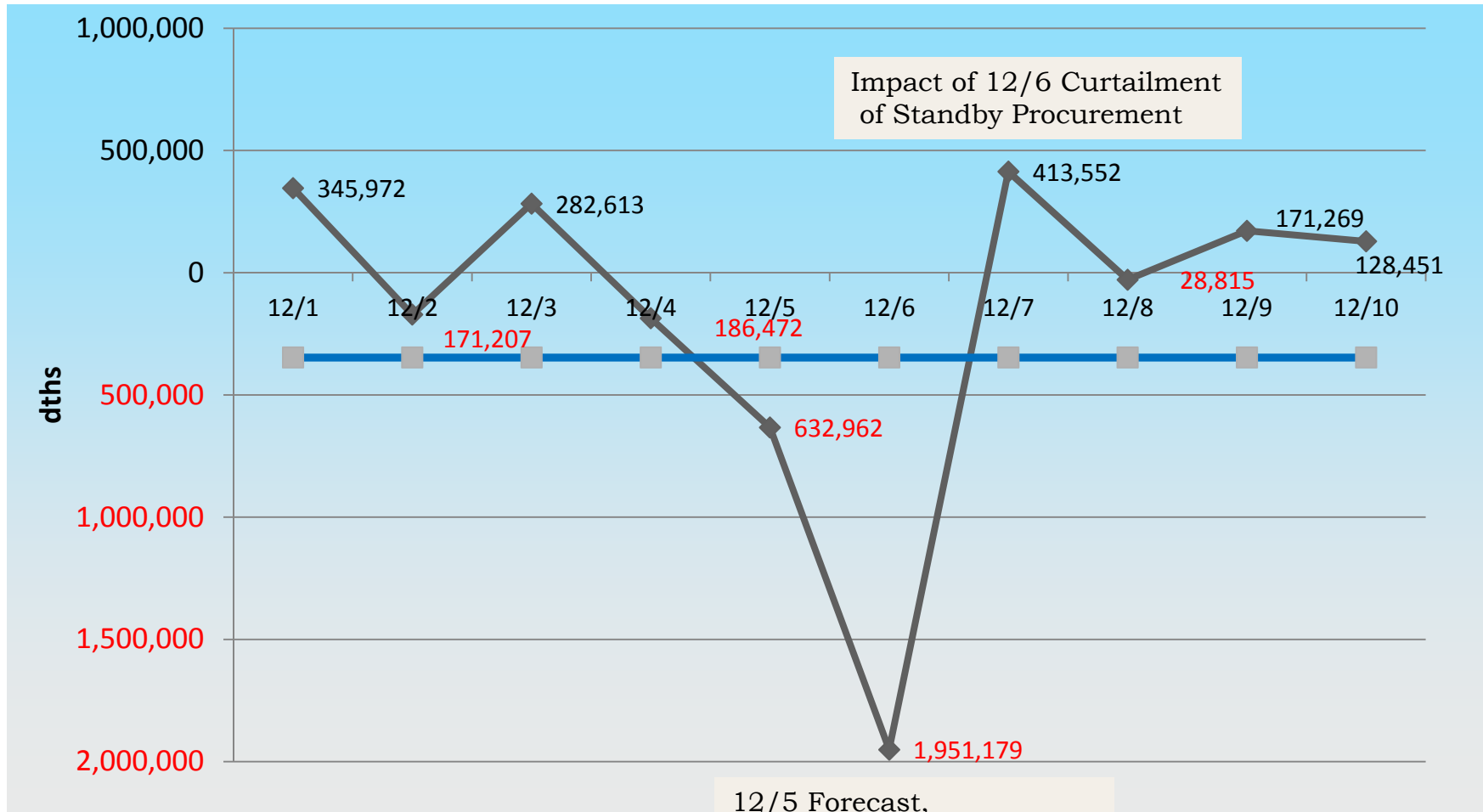


Source: Envoy Daily Operations

Over-reliance of Storage Withdrawal – February 2014



December Storage Withdrawal Used for Balancing

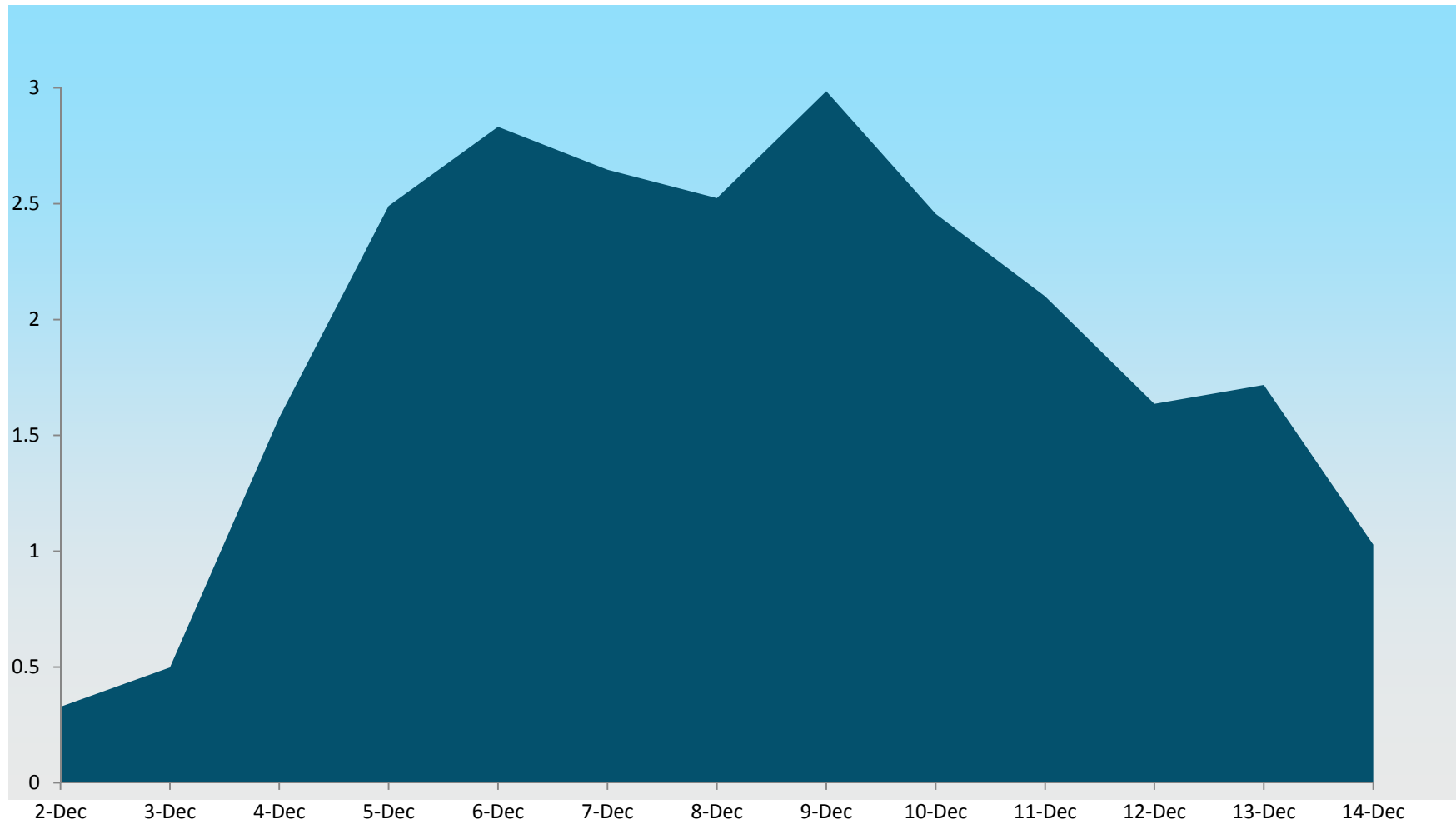


Source: Envoy Daily Operations



12/5 Forecast,
Absent Curtailment
Of Standby Procurement

Over-reliance on Storage Withdrawal Dec. 2013



PG&E Low OFO Approach

- PG&E has assets (primarily linepack) allocated to the balancing function and calls low OFOs when those assets are forecast to be depleted the next day
 - Applies throughout the year
 - PG&E chooses stage with noncompliance charges high enough to ensure compliance
- SoCalGas can adopt PG&E's approach by using the storage assets allocated to the balancing function as the trigger calculation
- SoCalGas can use PG&E's Stage tolerances and noncompliance penalty structure

PG&E Low OFOs

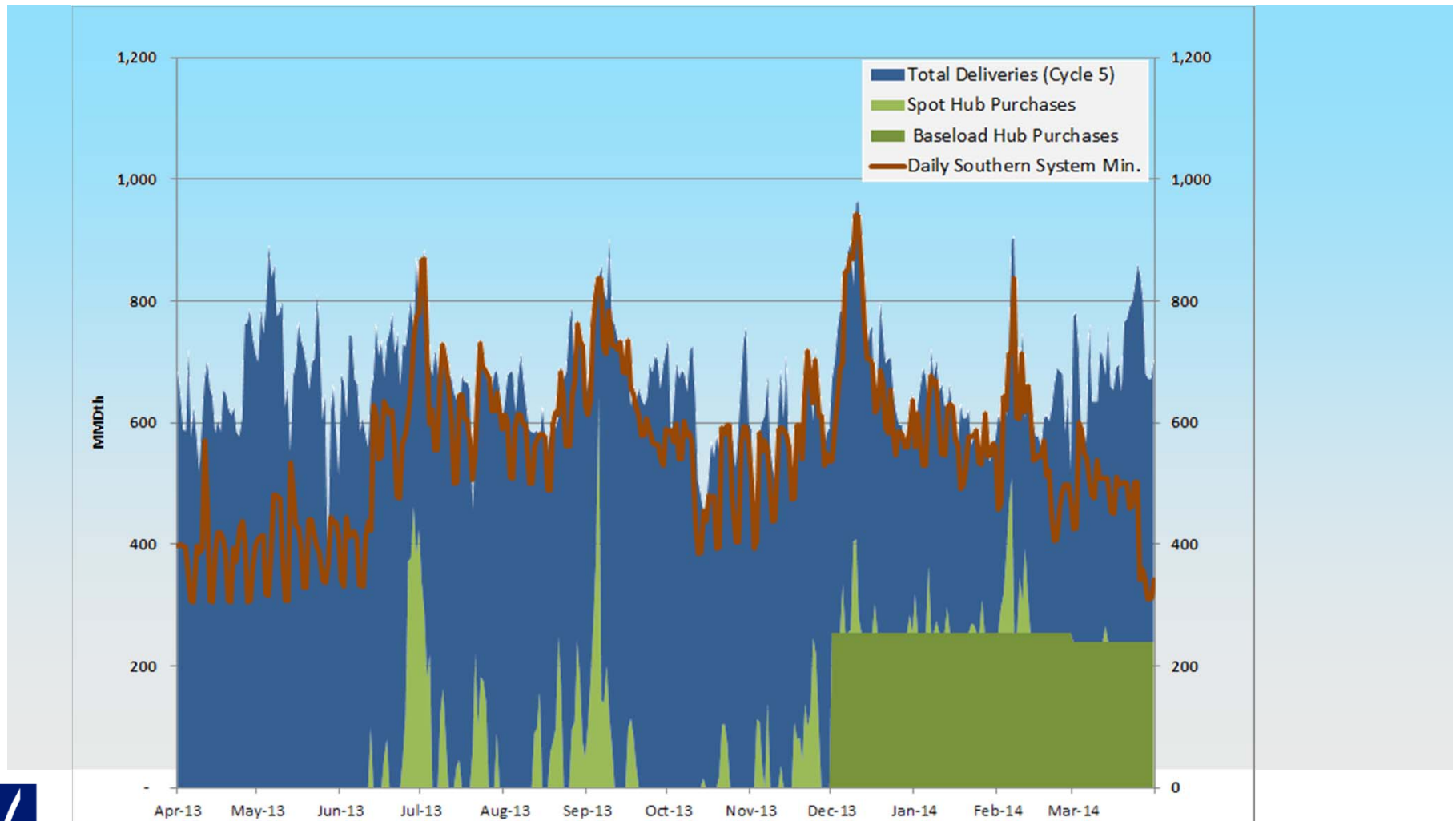
2012-March 31, 2014

Stage	Tolerance	Average	Charge	# Events
1	Up to -25%	-6%	\$0.25/Dth	22
2	Up to -20%	-7%	\$1/Dth	6
3	Up to -15%	-5%	\$5/Dth	4
4	Up to -5%	-5%	\$25/Dth	4
5	Up to -5%	n/a	\$25/Dth +city gate	0
EFO	Zero	n/a	\$50/Dth + city gate	0

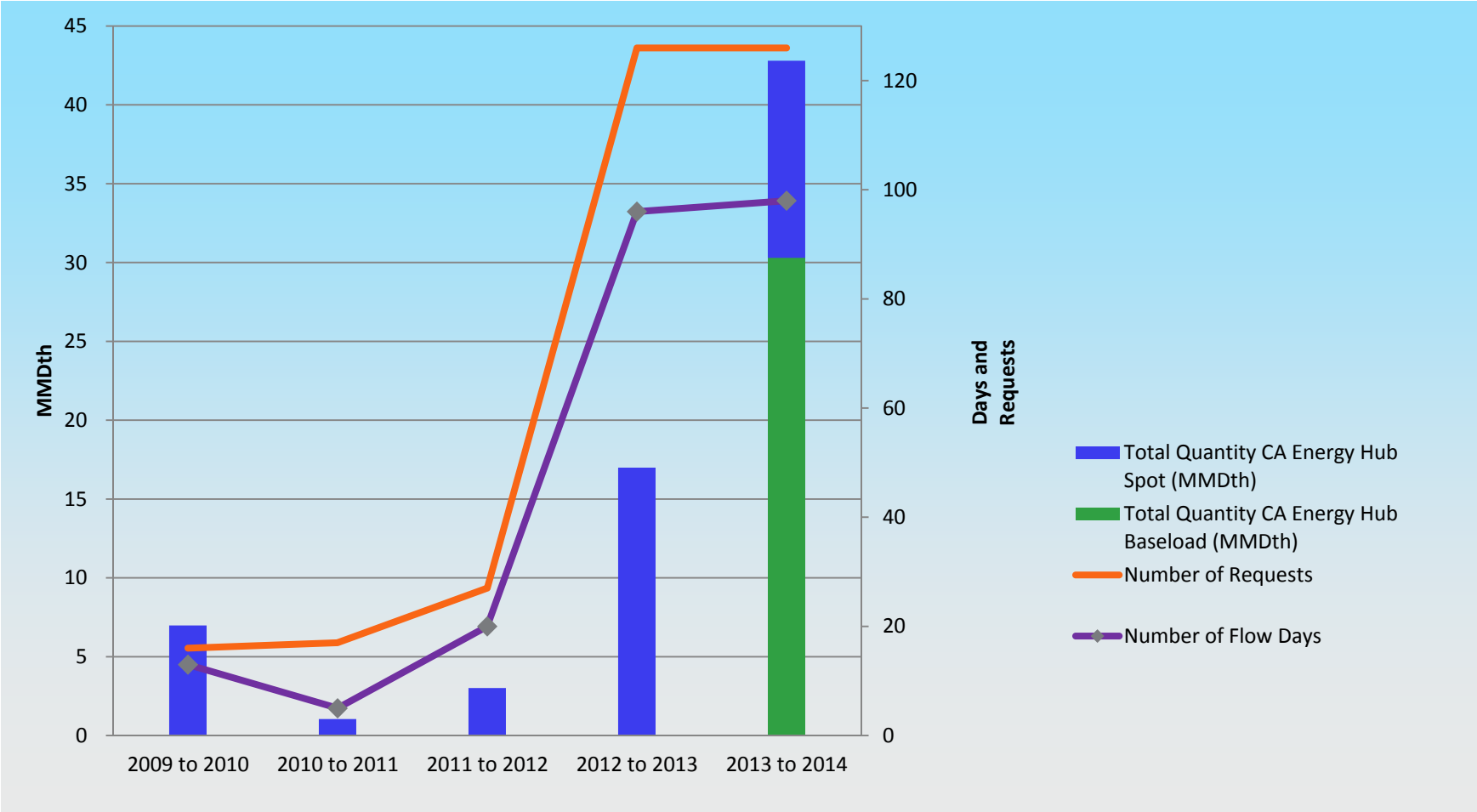
Proposed SoCalGas Low OFO Trigger

- SoCalGas calls low OFO when it forecasts more than 340 MMcfd (storage withdrawal allocated to balancing function) will be used for balancing the next day
- If (Forecasted Sendout – Forecasted Receipts – Forecasted Withdrawal from Storage Accounts) > 340 MMcfd of withdrawal from balancing, then low OFO
- Equal to “Daily Operations” screen line labelled “Storage Injection for Customer Balancing (Withdrawal)” in Envoy
- SoCalGas will strive to call low OFOs before 8 pm the day before flow

April 2013 - March 2014 Southern System Deliveries



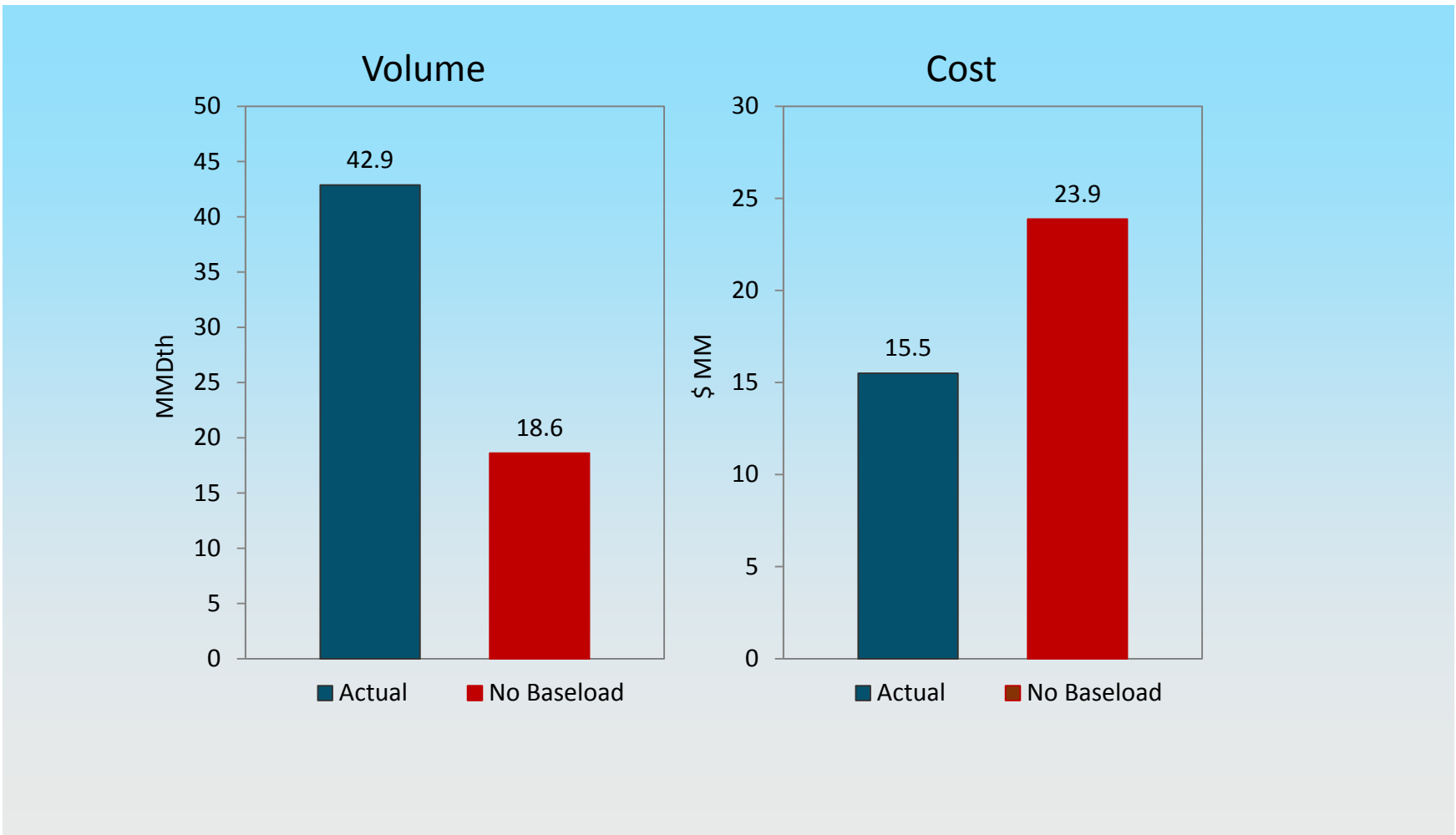
Southern System Historical Data



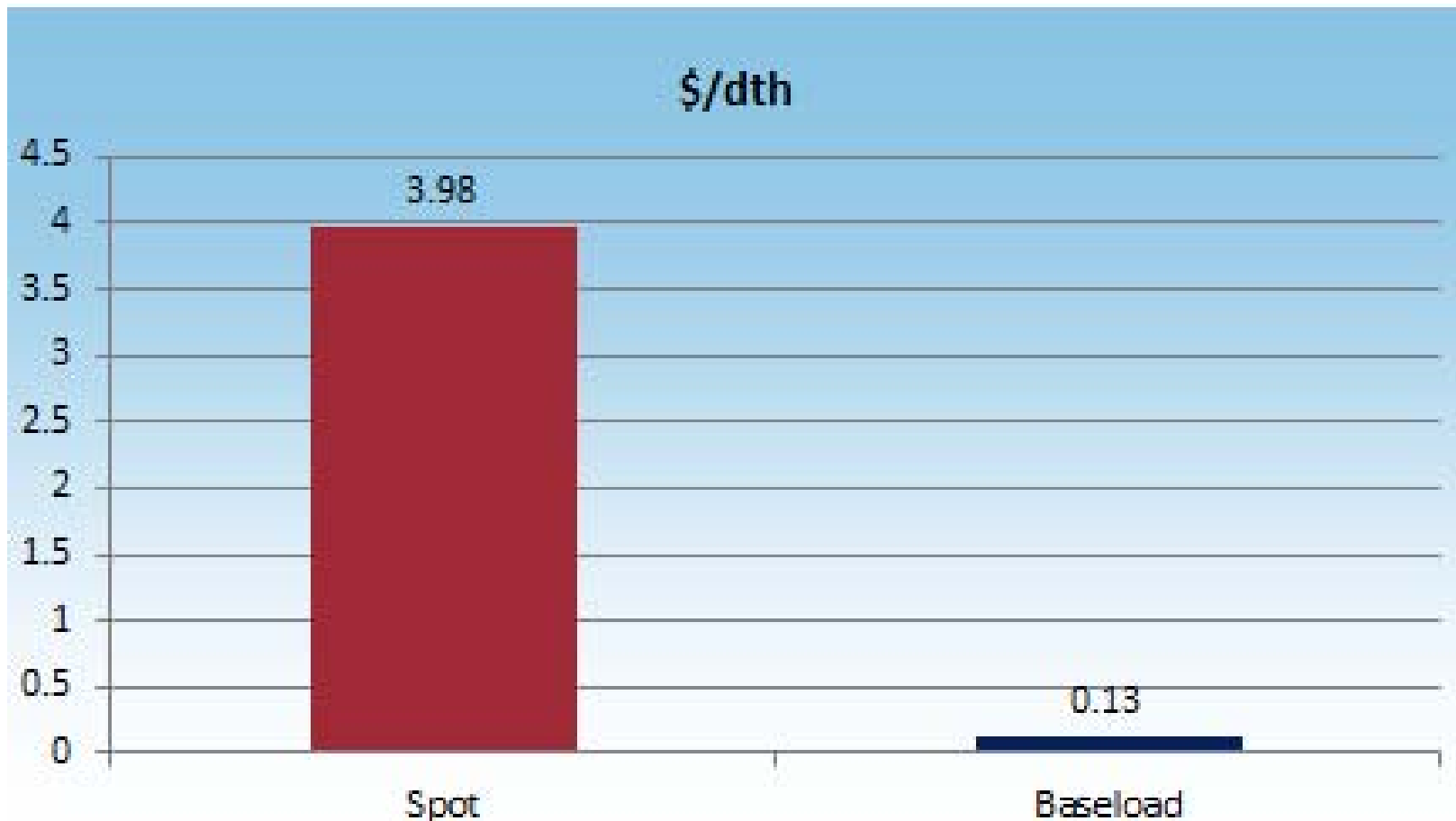
Southern System Reliability (SSR) Purchases and Interruptible BTS Discounts

	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Purchases (Dth)	6,983,793	1,044,677	3,014,544	16,988,817	42,878,668
SRMA Cost (\$MM)	2.2	3.8	1.1	6.3	15.5
Net Cost (\$/Dth)	0.31	3.63	0.36	0.37	0.36
BTS Discounts (\$MM)	0	0	5.5	8.6	7.9
Total \$MM	2.2	3.8	6.6	14.9	23.4

Baseload increased volumes but decreased cost by over \$8MM



2013/2014 Winter Spot vs. Baseload Net Costs



High Operational Flow Order (High OFO)

- A High OFO is declared when SoCalGas determines that expected receipts will exceed total forecasted system capacity (including storage injection capacity and latest off-system scheduled quantities) for a pending flow day
- SoCalGas uses the on-system scheduled quantities from the latest scheduling cycle to determine expected system receipts for the High OFO calculation

Scheduled Quantities Used for High OFO

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

On High 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 a High OFO on Intraday 2 (Cycle 4), but will limit the confirmations to the total system capacity as it does on all other days

High OFO Review

- 29 High OFO events during Review Period
- Reduction of 40% compared to previous reporting period of 48
- Almost all high OFOs occurred during shoulder months

High OFO Comparison

2013 Forum Report

- Cycle 1 29
 - Cycle 2 6
 - Cycle 3 13
-

Total 48

2014 Forum Report

- Cycle 1 18
 - Cycle 2 5
 - Cycle 3 6
-

Total 29

Potential Tool to Address Minimum Flow Requirements

No new tools proposed

Long Term System Improvement

North–South Project Revenue Requirement Application (A.13-12-013)

- Filed on December 20, 2013
- Prehearing Conference held on March 13
- Commissioner Florio Scoping Memo issued 5-5-14



Gas-Electric Coordination

Daily Gas Control – CAISO Communication

- Done to ensure that CAISO is advised on the availability of system capacity to serve electric generation requirements
- The objective is to minimize outages and curtailments on both the electric grid and the SoCalGas/SDG&E gas systems

Gas-Electric Coordination (cont.)

Gas Day/Scheduling Cycle Modifications

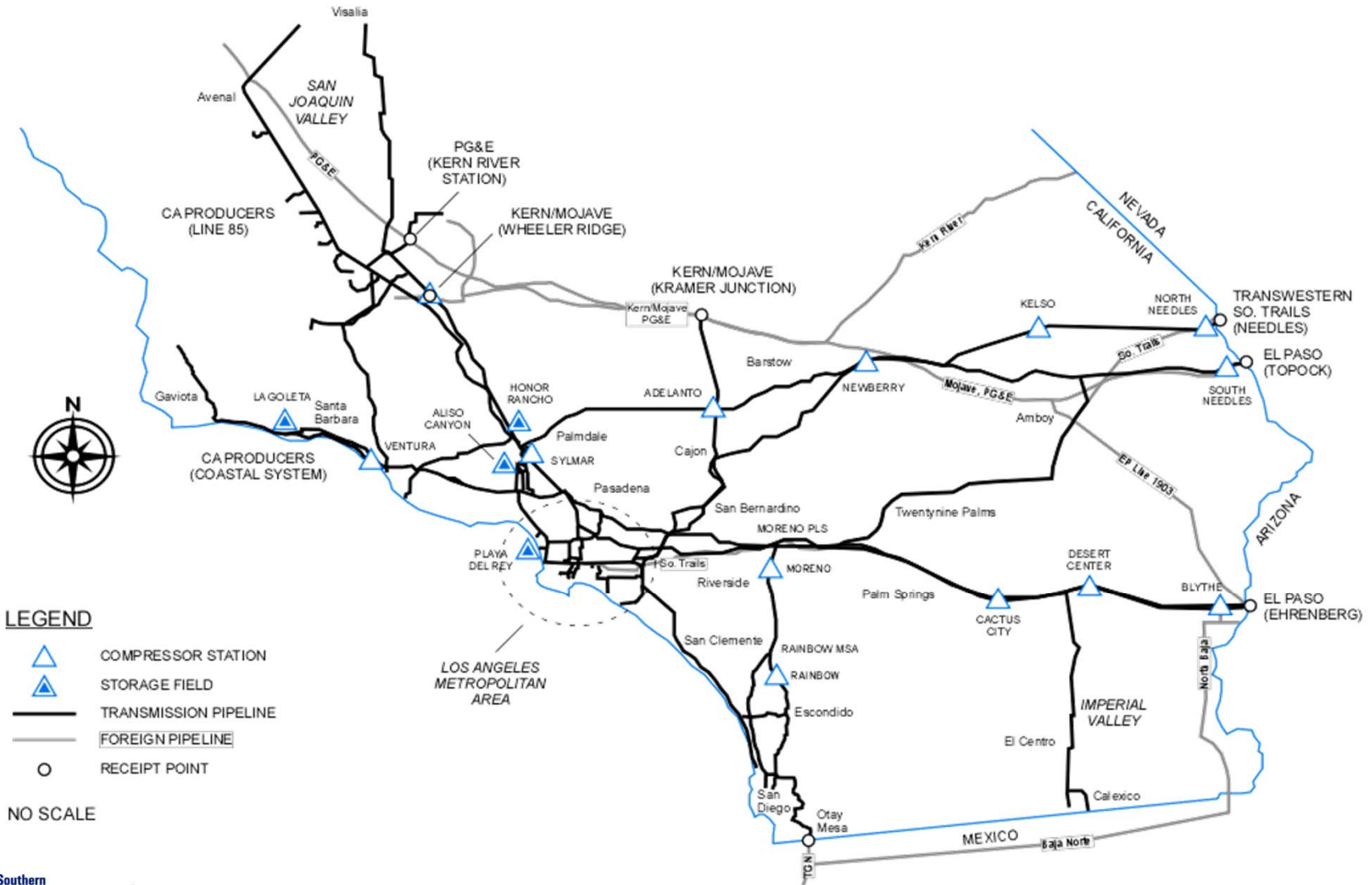
- The FERC is ready to take action to address Gas-Electric Coordination
- A proposed rule orders the interstate pipelines and ISO/RTOs to either accept exemplary changes to the Gas Day and Scheduling cycles or to make a consensus proposal by late June 2014
- Discussions are underway at NAESB to develop a consensus proposal

Post-Forum Report/Next Steps






- The post-Forum Report will summarize the matters discussed here and will identify action items, tariff changes and procedural modifications that we agree are necessary
 - Will include descriptions of proposals presented by meeting participants
 - Any proposals made that are rejected by SoCalGas will be included in the post-Forum Report
 - A draft post-Forum Report will be issued to the Forum participants for review by May 30 with a revised draft to be issued by June 6
 - If required, Customer Forum meeting participants will be invited to a conference call regarding the revised draft the week of June 16, to seek resolution of any differences
- Post-Forum Report will be filed by July 7, 2014

Appendix

SoCalGas

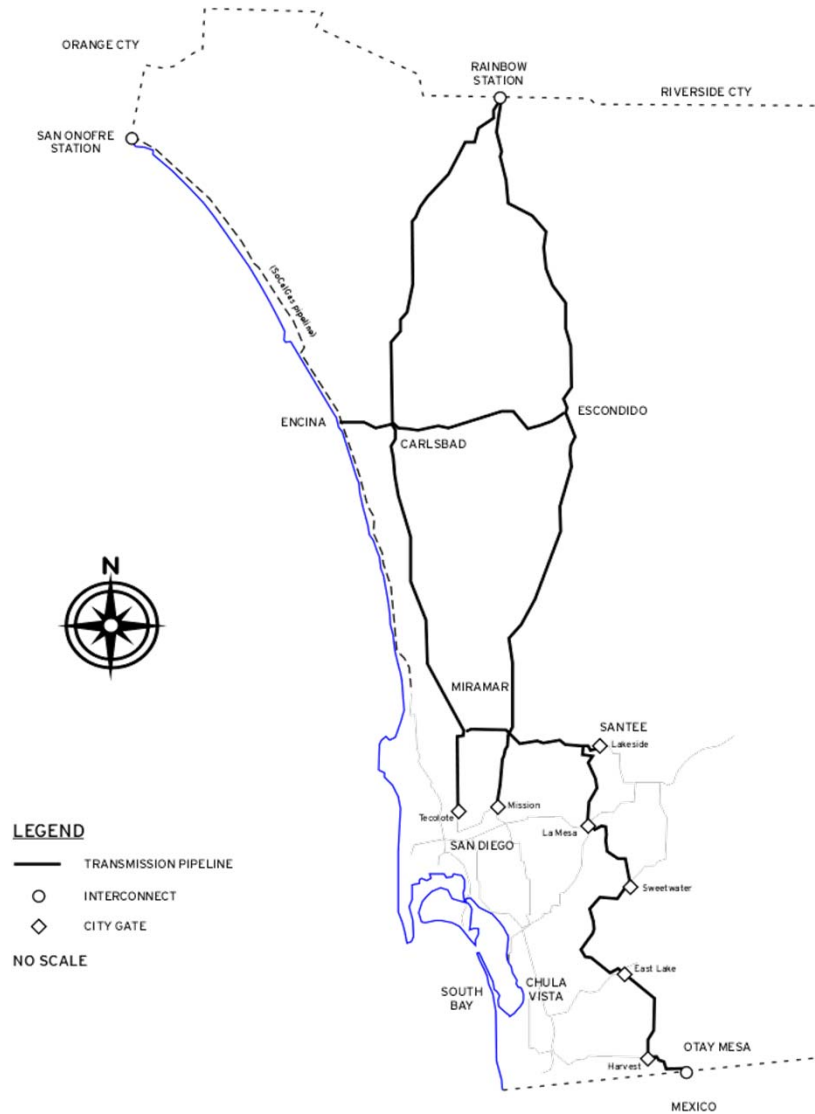


LEGEND

-  COMPRESSOR STATION
-  STORAGE FIELD
-  TRANSMISSION PIPELINE
-  FOREIGN PIPELINE
-  RECEIPT POINT

NO SCALE

SDG&E



Appendix 3 to Attachment A

2014 Post Forum Report on System Reliability Issues

Curtailment Violation Penalty Account (CVPA)

Appendix 4 to Attachment A

2014 Post Forum Report on System Reliability Issues

Purchased Gas Account (PGA)

PRELIMINARY STATEMENT - PART V - BALANCING ACCOUNTS
PURCHASED GAS ACCOUNT (PGA)

Sheet 1

The PGA is a balancing account. Effective April 1, 2008, the purpose of this account is to balance the recorded cost of gas for the Single Gas Portfolio to provide procurement service for both SoCalGas and SDG&E customers with the corresponding revenue from the sale of that gas. The Single Gas Portfolio, as adopted in Decision (D.) 07-12-019, is comprised of all gas purchases to serve the combined needs of SoCalGas and SDG&E. In addition, the PGA will record adjustments in compliance with Advice No. (AL) 4291-A, 4394-B, and 4513-A and their respective Memorandum In Lieu of Contract (MILC) consistent with Resolution G-3468, Resolution G-3476, and Resolution G-3485, respectively.

N
N

The Utility shall maintain the PGA by making entries at the end of each month as follows:

1. A debit entry equal to the recorded gas cost in the Single Gas Portfolio Account during the month, which includes all gas and backbone transportation services purchased for SoCalGas and SDG&E's procurement customers. Costs associated with the Utility System Operator providing transportation imbalance services under Schedule No. G-IMB to the Utility Gas Procurement Department will be included concurrent with the Utility Gas Procurement Department being relieved of its responsibility for minimum flow requirements. Gas purchases are net of costs allocated to company use fuel and unaccounted for gas. The Single Gas Portfolio also includes interstate and PG&E pipeline capacity costs, carrying cost of storage inventory and financial transactions, net of proceeds from secondary market transactions such as core parking, loaning, and backbone transportation services activities.
2. Credit entries equal to the procurement revenue, which includes recovery of backbone transportation services, from the sale of gas delivered to SoCalGas and SDG&E customers, including revenues associated with noncore standby and buyback services under Schedule No. G-IMB during the month, excluding the allowance for F&U.
3. A credit entry for supplier refunds received that are associated with interstate capacity costs previously recovered through core procurement rates pursuant to D.04-09-022.
4. An entry equal to amortization of the forecasted PGA balance, excluding the allowance for F&U.
5. A credit entry equal to the brokerage fee charged to core customers less the allowance for F&U.
6. A debit entry equal to 1/12 of the annual core brokerage fee revenue requirement.
7. A credit entry equal to the El Paso settlement proceeds received pursuant to the Master Settlement Agreement approved by the FERC and CPUC (D.03-10-087). The first payment received will be reduced by the estimated net present value of refunds due to core subscription and core aggregation transportation (CAT) customers.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4513-A
 DECISION NO.

ISSUED BY
Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Nov 1, 2013
 EFFECTIVE Nov 1, 2013
 RESOLUTION NO. G-3485, 3468

PRELIMINARY STATEMENT - PART V - BALANCING ACCOUNTS
PURCHASED GAS ACCOUNT (PGA)

Sheet 2

(Continued)

8. A credit entry equal to the settlement proceeds associated with the Sempra Settlement (Pipeline Cases) and the Price Indexing Cases Settlement pursuant to D.10-01-024. The settlement proceeds received shall be reduced by the amount allocable to core subscription, CAT customers and SDG&E's noncore procurement customers;
9. A credit entry equal to the FERC settlement proceeds associated with the 2000-2001 energy crisis. The settlement proceeds received shall be reduced by the amount allocable to core subscription, CAT customers and SDG&E's noncore procurement customers;
10. An adjusting entry for an amount allocated to core customers as calculated per the terms and conditions of the MILCs in AL 4291-A, 4394-B, and 4513-A (an offsetting amount will be recorded in the System Reliability Memorandum Account); and
11. An entry equal to the interest on the average of the balance in the account during the month, calculated in the manner described in Preliminary Statement, Part I, J.

N

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. 4513-A
DECISION NO.

ISSUED BY

Lee Schavrien
Senior Vice President

(TO BE INSERTED BY CAL. PUC)

DATE FILED Nov 1, 2013
EFFECTIVE Nov 1, 2013
RESOLUTION NO. G-3485, 3468

Appendix 5 to Attachment A

2014 Post Forum Report on System Reliability Issues

Noncore Fixed Cost Account (NFCA)

PRELIMINARY STATEMENT - PART V - BALANCING ACCOUNTS
NONCORE FIXED COST ACCOUNT (NFCA)

Sheet 1

1. Purpose

The NFCA is an interest-bearing balancing account recorded on SoCalGas' financial statements. The purpose of this account is to balance the difference between the authorized margin (excluding the transmission revenue requirement and Backbone Transportation Service (BTS) revenue requirement) and other non-gas costs as detailed below associated with the noncore market, including funding of SoCalGas' Gas Assistance Fund (GAF) program pursuant to Advice No. 4168 with noncore revenues intended to recover these costs. The noncore market excludes the Unbundled Storage Program. Pursuant to the BCAP Decision 09-11-006, the Commission authorized the NFCA 100% balancing account treatment (i.e., balancing of 100% of noncore costs and revenues).

In accordance with Advice No. 4177-A, filed pursuant to D.07-08-029, D.10-09-001, and Resolution G-3489, the NFCA will be credited for the noncore's allocation (excluding Enhanced Oil Recovery) of the System Modification Fee (SMF) charged to California Producers to offset the system modification costs which have been incorporated in base rates in connection with SoCalGas' 2012 General Rate Case.

The NFCA shall be divided into two subaccounts: a) authorized base margin and b) non-base margin costs and revenues.

2. Applicability

The NFCA shall apply to all noncore gas customers excluding EOR.

3. Rates

The projected year-end NFCA balance will be applied to noncore gas transportation rates.

4. Accounting Procedures – Authorized Base Margin Subaccount

SoCalGas shall maintain this subaccount by recording entries at the end of each month, net of FF&U, as follows:

- a. A debit entry equal to the seasonalized monthly amount of the authorized margin;
- b. A credit entry equal to the noncore revenues to recover the authorized margin excluding revenues from (1) future non-tariff contracts with Sempra Energy affiliates not subject to competitive bidding and (2) Competitive Load Growth Opportunities for noncore Rule No. 38 and Red Team incentive revenues;
- c. An entry to amortize the previous year's balance;
- d. A credit entry equal to the noncore's allocation of the SMF charged to California Producers; and
- e. An entry equal to interest on the average balance in the subaccount during the month, calculated in the manner described in Preliminary Statement, Part I, J.

(Continued)

(TO BE INSERTED BY UTILITY)
 ADVICE LETTER NO. 4177-A
 DECISION NO. 07-08-029,10-09-001

ISSUED BY
Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)
 DATE FILED Nov 18, 2013
 EFFECTIVE Dec 18, 2013
 RESOLUTION NO. G-3489

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PRELIMINARY STATEMENT - PART V - BALANCING ACCOUNTS
NONCORE FIXED COST ACCOUNT (NFCA)

Sheet 2

(Continued)

5. Accounting Procedures – Non-Base Margin Costs and Revenues Subaccount

SoCalGas shall maintain this subaccount by recording entries at the end of each month, net of FF&U, as follows:

- a. A debit entry equal to the recorded cost for the noncore portion of company-use fuel (excluding transmission and load balancing company-use fuel);
- b. A debit entry equal to the recorded cost for the noncore portion of unaccounted for gas;
- c. A debit entry equal to the recorded cost for the noncore portion of well incidents and surface leaks;
- d. A debit entry equal to the actual funds used, up to amounts authorized by the Commission, in providing eligible customers with assistance in paying their bills in connection with SoCalGas' Gas Assistance Fund (GAF) program;
- e. A credit entry equal to the noncore revenues to recover the costs associated with this subaccount;
- f. A credit entry equal to 100% of the net revenues associated with the Utility System Operator providing transportation imbalance services under Schedule No. G-IMB to the Utility Gas Acquisition Department;
- g. An entry to amortize the previous year's balance; and
- h. An entry equal to interest on the average balance in the subaccount during the month, calculated in the manner described in Preliminary Statement, Part I, J.

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6. Disposition

In each annual October regulatory account balance update filing, SoCalGas will amortize the projected year-end balance effective January 1 of the following year. For the first year subsequent to the BCAP decision, both the Authorized Base Margin Subaccount and Non-Base Margin Costs and Revenues Subaccount will be allocated on an Equal Cents Per Therm (ECPT) basis. Starting in the second year subsequent to the BCAP decision, the Authorized Base Margin Subaccount will be allocated on an Equal Percent of Authorized Margin (EPAM) basis. The Non-Base Margin Costs and Revenues Subaccount will continue to be allocated on an ECPT basis.

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. 4506
 DECISION NO. 13-05-010

ISSUED BY

Lee Schavrien
 Senior Vice President

(TO BE INSERTED BY CAL. PUC)

DATE FILED Jun 21, 2013
 EFFECTIVE Jul 21, 2013
 RESOLUTION NO. _____

Appendix 6 to Attachment A

2014 Post Forum Report on System Reliability Issues

Non-Winter Month Baseload Contract Study

Base Load Volume: **200,000** <----- Change this cell to change the base load volume for June thru September

	Actual		WITH BASELOAD					SAVINGS
	Spot		Baseload		Spot		Total	
	Volume	Cost	Volume	Cost	Volume	Cost		
201004	0	0	0	0	0	0	0	\$0
201005	0	0	0	0	0	0	0	\$0
201006	0	0	6,000,000	137,040	0	0	137,040	-\$137,040
201007	0	0	6,200,000	699,608	0	0	699,608	-\$699,608
201008	736,644	230,318	6,200,000	761,608	43,000	11,895	773,503	-\$543,185
201009	0	0	6,000,000	557,040	0	0	557,040	-\$557,040
201010	0	0	0	0	0	0	0	\$0
Total	736,644	\$230,318	24,400,000	\$2,155,296	43,000	\$11,895	2,167,191	-\$1,936,873

	Baseload		
	Volume	Buy Price	Sell Price
201004			
201005			
201006	200,000	4.02	4.04
201007	200,000	4.63	4.56
201008	200,000	4.41	4.33
201009	200,000	3.57	3.52
201010			

ACTUALS														
SPOT PURCHASES														
flow date	Strip	Request	FIRM BTS	IT BTS	Volume (Dth)	No Inkind in 2010	Volume Net Of Inkind	BTS Cost	Avg. Purchase Price	Total Purchase Cost	Volume (Dth)	Avg Sale Price	Revenue From Sales	Net Spot Cost
4/1/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/2/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/3/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/4/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/5/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/6/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/7/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/8/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/9/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/10/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/11/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/12/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/13/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/14/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/15/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/16/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/17/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/18/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/19/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/20/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/21/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/22/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/23/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/24/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/25/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/26/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
4/27/2010	201004	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0

8/2/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/3/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/4/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/5/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/6/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/7/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/8/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/9/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/10/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/11/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/12/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/13/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/14/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/15/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/16/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/17/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/18/2010	201008	40000	0.04284	0.04284	39871	0	39871	1708.074	3.95	159198.5	40000	3.65	146000	13198.52
8/19/2010	201008	40000	0.04284	0.04284	40000	0	40000	1713.6	4.1	165713.6	0	0	0	165713.6
8/20/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	40000	3.64	145600	-145600
8/21/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/22/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/23/2010	201008	40000	0.04284	0.04284	40000	0	40000	1713.6	3.9	157713.6	40000	3.54	141600	16113.6
8/24/2010	201008	140000	0.04284	0.04284	120045	0	120045	5142.728	3.96022417	480547.8	20000	3.63	72600	407947.8
8/25/2010	201008	160000	0.04284	0.04284	151644	0	151644	6496.429	4.10373981	628803.9	171644	3.668643	629700.6	-896.651
8/26/2010	201008	245000	0.04284	0.04284	243000	0	243000	10410.12	3.85460905	947080.1	265000	3.661509	970300	-23219.9
8/27/2010	201008	100000	0.04284	0.04284	100000	0	100000	4284	3.618	366084	160000	3.601875	576300	-210216
8/28/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/29/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/30/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
8/31/2010	201008	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/1/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/2/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/3/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/4/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/5/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/6/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/7/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/8/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/9/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/10/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/11/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/12/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/13/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/14/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/15/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/16/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/17/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0
9/18/2010	201009	0	0.04284	0.04284	0	0	0	0	0	0	0	0	0	0

There were no spot purchases during the Summer of 2011

Base Load Volume: **200,000** <----- Change this cell to change the base load volume for June thru September

	Actual		WITH BASELOAD					SAVINGS
	Spot		Baseload		Spot		Total	
	Volume	Cost	Volume	Cost	Volume	Cost		
201204	0	0	0	0	0	0	0	\$0
201205	0	0	0	0	0	0	0	\$0
201206	40,000	9,826	6,000,000	349,157	0	0	349,157	-\$339,331
201207	1,949,148	953,846	6,200,000	627,798	64,811	24,303	652,101	\$301,744
201208	1,628,597	56,998	6,200,000	570,263	0	0	570,263	-\$513,265
201209	0	0	6,000,000	605,500	0	0	605,500	-\$605,500
201210	482,000	163,700	0	0	482,000	163,648	163,648	\$52
Total	4,099,745	\$1,184,369	24,400,000	\$2,152,719	546,811	\$187,951	2,340,670	-\$1,156,300

	Baseload		
	Volume	Buy Price	Sell Price
201204			
201205			
201206	200,000	2.74	2.8
201207	200,000	2.95	2.97
201208	200,000	3.13	3.16
201209	200,000	2.86	2.88
201210			

ACTUALS														
SPOT PURCHASES														
flow date	Strip	Request	FIRM BTS	IT BTS	Volume (Dth)	Inkind	Volume Net Of Inkind	BTS Cost	Avg. Purchase Price	Total Purchase Cost	Volume (Dth)	Avg Sale Price	Revenue From Sales	Net Spot Cost
4/1/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/2/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/3/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/4/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/5/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/6/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/7/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/8/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/9/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/10/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/11/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/12/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/13/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/14/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/15/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/16/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/17/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/18/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/19/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/20/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/21/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/22/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/23/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/24/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/25/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/26/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0
4/27/2012	201204	0	0.11042	0.11042	0	0	0	0	0	0	0	0	0	0

6/14/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/15/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/16/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/17/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/18/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/19/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/20/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/21/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/22/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/23/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/24/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/25/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/26/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/27/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/28/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
6/29/2012	201206	40000	0.11042	0.09	40000	115.6	39884.4	3589.596	3.05	125589.6	39884	2.902507	115763.6	9825.996
6/30/2012	201206	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
7/1/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/2/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/3/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/4/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/5/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/6/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/7/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/8/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/9/2012	201207	40000	0.11042	0.05	40000	151.6	39848.4	1992.42	3.02625	123042.4	39848	3.02251	120441	2601.46
7/10/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/11/2012	201207	30000	0.11042	0.05	30000	113.7	29886.3	1494.315	3.03	92394.32	69884	2.978627	208158.3	-115764
7/12/2012	201207	120000	0.11042	0.05	120000	454.8	119545.2	5977.26	3.14875	383827.3	34600	3.01578	104346	279481.3
7/13/2012	201207	25000	0.11042	0.05	25000	94.75	24905.25	1245.263	3.09	78495.26	68784	3.007906	206895.8	-128401
7/14/2012	201207	45000	0.11042	0.05	45000	170.55	44829.45	2241.473	3.12	142641.5	0	0	0	142641.5
7/15/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/16/2012	201207	45000	0.11042	0.05	44999	170.5462	44828.454	2241.423	3.1622216	144538.2	40000	2.965	118600	25938.23
7/17/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	50708	2.757182	139811.2	-139811
7/18/2012	201207	30000	0.11042	0.05	30000	113.7	29886.3	1494.315	2.82	86094.32	0	0	0	86094.32
7/19/2012	201207	160000	0.11042	0.05	160000	606.4	159393.6	7969.68	3.33875	542169.7	64299	2.915785	187482.1	354687.6
7/20/2012	201207	220000	0.11042	0.05	219999	833.7962	219165.2	10958.26	3.39545389	757954.7	263872	2.957924	780513.2	-22558.5
7/21/2012	201207	150000	0.11042	0.05	150000	568.5	149431.5	7471.575	3.37993333	514461.6	86565	3.062742	265126.3	249335.3
7/22/2012	201207	135000	0.11042	0.05	134956	511.4832	134444.52	6722.226	3.34785441	458535.3	116565	3.069758	357826.3	100709
7/23/2012	201207	245000	0.11042	0.05	244812	927.8375	243884.16	12194.21	3.36736794	836566.3	126565	3.072147	388826.3	447740
7/24/2012	201207	175000	0.11042	0.05	175000	663.25	174336.75	8716.838	3.46342857	614816.8	358500	3.123849	1119900	-505083
7/25/2012	201207	175000	0.11042	0.05	175000	663.25	174336.75	8716.838	3.57262857	633926.8	111935	3.188376	356890.9	277035.9
7/26/2012	201207	145000	0.11042	0.05	144999	549.5462	144449.45	7222.473	3.34137932	491719.1	224066	3.190878	714967.2	-223248
7/27/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	76897	3.134714	241050.1	-241050
7/28/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/29/2012	201207	0	0.11042	0.05	0	0	0	0	0	0	0	0	0	0
7/30/2012	201207	110000	0.11042	0.05	109383	414.5616	108968.44	5448.422	3.33208908	369922.3	0	0	0	369922.3

7/31/2012	201207	100000	0.11042	0.05	100000	379	99621	4981.05	3.34	338981.1	109491	3.154659	345406.7	-6425.69
8/1/2012	201208	155000	0.11042	0.03	155000	587	154413	4632.39	3.34	522332.4	99785	3.237516	323055.6	199276.8
8/2/2012	201208	160000	0.11042	0.03	160000	606	159394	4781.82	3.32	535981.8	154400	3.226477	498168	37813.82
8/3/2012	201208	150000	0.11042	0.03	150000	568	149432	4482.96	3.26	493483	159300	3.21	511353	-17870
8/4/2012	201208	20000	0.11042	0.03	20000	76	19924	597.72	3.2	64597.72	49800	3.01	149898	-85300.3
8/5/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	49800	3.01	149898	-149898
8/6/2012	201208	130000	0.11042	0.03	130000	493	129507	3885.21	3.25	426385.2	139800	3.080815	430698	-4312.79
8/7/2012	201208	200000	0.11042	0.03	193599	734	192865	5785.95	3.39235559	662542.6	147000	3.181224	467640	194902.6
8/8/2012	201208	200000	0.11042	0.03	200000	759	199241	5977.23	3.412	688377.2	100000	3.2	320000	368377.2
8/9/2012	201208	180000	0.11042	0.03	180000	683	179317	5379.51	3.4	617379.5	233300	3.201505	746911	-129531
8/10/2012	201208	180000	0.11042	0.03	180000	683	179317	5379.51	3.49666667	634779.5	150000	3.18	477000	157779.5
8/11/2012	201208	30000	0.11042	0.03	30000	114	29886	896.58	3.25	98396.58	59700	3.151675	188155	-89758.4
8/12/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	59700	3.151675	188155	-188155
8/13/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	89700	3.144426	282055	-282055
8/14/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/15/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/16/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/17/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/18/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/19/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/20/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/21/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/22/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/23/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	195	3.03	590.85	-590.85
8/24/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/25/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/26/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/27/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	0	0	0	0
8/28/2012	201208	30000	0.11042	0.03	29998	114	29884	896.55	3.05	92390.45	2500	2.93	7325	85065.45
8/29/2012	201208	70000	0.11042	0.03	70000	265	69735	2092.05	3.14571429	222292.1	25218	2.94	74140.92	148151.1
8/30/2012	201208	130000	0.11042	0.03	130000	493	129507	3885.21	3.14653846	412935.2	90000	2.963333	266700	146235.2
8/31/2012	201208	0	0.11042	0.03	0	0	0	0	0	0	111406	2.990252	333132.1	-333132
9/1/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/2/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/3/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/4/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/5/2012	201209	0	0.11042	0.07	0	0	0	0	0	0	0	0	0	0
9/6/2012	201209	0	0.11042	0.07	0	0	0	0	0	0	0	0	0	0
9/7/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/8/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/9/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/10/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/11/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/12/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/13/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/14/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/15/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0

9/16/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/17/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/18/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/19/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/20/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/21/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/22/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/23/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/24/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/25/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/26/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/27/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/28/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/29/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
9/30/2012	201209	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
10/1/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/2/2012	201210	60000	0.11042	0.1	60000	179	59821	5982.1	3.7	227982.1	59595	3.683356	219509.6	8472.5
10/3/2012	201210	80000	0.11042	0.1	77000	229	76771	7677.1	3.84350649	303627.1	79762	3.65	291131.3	12495.8
10/4/2012	201210	0	0.11042	0.06	0	0	0	0	0	0	0	0	0	0
10/5/2012	201210	0	0.11042	0.06	0	0	0	0	0	0	0	0	0	0
10/6/2012	201210	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
10/7/2012	201210	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
10/8/2012	201210	0	0.11042	0.09	0	0	0	0	0	0	0	0	0	0
10/9/2012	201210	0	0.11042	0.08	0	0	0	0	0	0	0	0	0	0
10/10/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/11/2012	201210	180000	0.11042	0.1	180000	537	179463	17946.3	3.7	683946.3	146474	3.288161	481630.1	202316.2
10/12/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	30000	3.685	110550	-110550
10/13/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/14/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/15/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/16/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/17/2012	201210	90000	0.11042	0.08	90000	268	89732	7178.56	3.89555556	357778.6	89378	3.763138	336341.8	21436.81
10/18/2012	201210	0	0.11042	0.06	0	0	0	0	0	0	0	0	0	0
10/19/2012	201210	0	0.11042	0.07	0	0	0	0	0	0	0	0	0	0
10/20/2012	201210	0	0.11042	0.07	0	0	0	0	0	0	0	0	0	0
10/21/2012	201210	0	0.11042	0.07	0	0	0	0	0	0	0	0	0	0
10/22/2012	201210	0	0.11042	0.07	0	0	0	0	0	0	0	0	0	0
10/23/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/24/2012	201210	0	0.11042	0.08	0	0	0	0	0	0	0	0	0	0
10/25/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/26/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/27/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/28/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/29/2012	201210	0	0.11042	0.1	0	0	0	0	0	0	0	0	0	0
10/30/2012	201210	75000	0.11042	0.1	75000	223	74777	7477.7	3.78	290977.7	75129	3.48	261448.9	29528.78
10/31/2012	201210	0	0.11042	0.06	0	0	0	0	0	0	0	0	0	0

Base Load Volume: **200,000** <----- Change this cell to change the base load volume for June thru September

	Actual		WITH BASELOAD					SAVINGS
	Spot		Baseload		Spot		Total	
	Volume	Cost	Volume	Cost	Volume	Cost		
201304	0	0	0	0	0	0	0	\$0
201305	0	0	0	0	0	0	0	\$0
201306	1,431,384	954,663	6,000,000	292,280	533,384	426,776	719,056	\$235,607
201307	2,877,384	1,181,880	6,200,000	339,917	493,384	266,977	606,894	\$574,986
201308	1,697,000	470,355	6,200,000	153,084	90,000	24,592	177,675	\$292,680
201309	2,585,000	672,783	6,000,000	507,570	688,000	168,435	676,004	-\$3,222
201310	352,797	63,873	0	0	352,797	63,835	63,835	\$38
201311	1,700,614	500,629	0	0	1,700,614	500,936	500,936	-\$307
Total	10,644,179	\$3,844,183	24,400,000	\$1,292,850	3,858,179	\$1,451,550	\$2,744,400	\$1,099,783

	Baseload		
	Volume	Buy Price	Sell Price
201304	0	4.23	4.27
201305	0	4.17	4.28
201306	200,000	4.22	4.32
201307	200,000	3.79	3.88
201308	200,000	3.69	3.81
201309	200,000	3.7	3.76
201310	0	3.61	3.7
201311	0	3.81	3.87

ACTUALS														
SPOT PURCHASES														
flow date	Strip	Request	FIRM BTS	IT BTS	Volume (Dth)	Inkind	Volume Net Of Inkind	BTS Cost	Avg. Purchase Price	Total Purchase Cost	Volume (Dth)	Avg Sale Price	Revenue From Sales	Net Spot Cost
4/1/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/2/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/3/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/4/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/5/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/6/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/7/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/8/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/9/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/10/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/11/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/12/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/13/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/14/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/15/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/16/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/17/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/18/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/19/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/20/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/21/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/22/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/23/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/24/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/25/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0
4/26/2013	201304	0	0.13763	0.08	0	0	0	0	0	0	0	0	0	0

6/13/2013	201306	98000	0.13763	0.12	98000	260	97740	11728.8	3.9683673	400628.8	10000	3.85	38500	362128.8
6/14/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	80000	3.91	312800	-312800
6/15/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/16/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/17/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	7740	3.99	30882.6	-30882.6
6/18/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/19/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/20/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/21/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/22/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/23/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/24/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/25/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/26/2013	201306	0	0.13763	0.12	0	0	0	0	0	0	0	0	0	0
6/27/2013	201306	236000	0.13763	0.12	233939	620	233319	27998.28	4.1274469	993569.08	353564	3.8978578	1378142.2	-384573.1
6/28/2013	201306	405000	0.13763	0.12	252673	670	252003	30240.36	4.2164034	1095611.7	248000	3.8316935	950260	145351.66
6/29/2013	201306	465000	0.13763	0.12	463870	1229	462641	55516.92	4.6495541	2212305.6	353173	3.8418034	1356821.2	855484.32
6/30/2013	201306	383000	0.13763	0.12	382902	1015	381887	45826.44	4.5062618	1771283.1	375211	3.8680334	1451328.7	319954.4
7/1/2013	201307	426000	0.13764	0.04	426000	818	425182	17007.28	4.496338	1932447.3	224000	3.8459821	861500	1070947.3
7/2/2013	201307	377000	0.13764	0.04	337999	649	337350	13494	4.3038462	1468189.7	171700	3.9567851	679380	788809.7
7/3/2013	201307	318000	0.13764	0.04	289400	556	288844	11553.76	4.501244	1314213.8	600000	3.94	2364000	-1049786
7/4/2013	201307	180000	0.13764	0.04	180000	346	179654	7186.16	3.8902	707422.16	180000	3.88	698400	9022.16
7/5/2013	201307	220000	0.13764	0.03	220000	422	219578	6587.34	3.8902	862431.34	180000	3.88	698400	164031.34
7/6/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/7/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/8/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/9/2013	201307	124000	0.13764	0.03	124000	238	123762	3712.86	4.44	554272.86	0	0	0	554272.86
7/10/2013	201307	163000	0.13764	0.03	163000	313	162687	4880.61	4.1735583	685170.61	210000	3.925	824250	-139079.4
7/11/2013	201307	82000	0.13764	0.03	82000	157	81843	2455.29	4.195122	346455.29	0	0	0	346455.29
7/12/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	250000	3.84	960000	-960000
7/13/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/14/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/15/2013	201307	36000	0.13764	0.03	36000	69	35931	1077.93	4	145077.93	36000	3.6	129600	15477.93
7/16/2013	201307	46000	0.13764	0.03	46000	88	45912	1377.36	4.19	194117.36	0	0	0	194117.36
7/17/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/18/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/19/2013	201307	0	0.13764	0.035	0	0	0	0	0	0	48396	3.875	187534.5	-187534.5
7/20/2013	201307	0	0.13764	0.035	0	0	0	0	0	0	0	0	0	0
7/21/2013	201307	63000	0.13764	0.035	63000	121	62879	2200.765	4.2	266800.77	0	0	0	266800.77
7/22/2013	201307	220000	0.13764	0.035	219985	422	219563	7684.705	4.2563163	944010.45	50000	3.86	193000	751010.45
7/23/2013	201307	128000	0.13764	0.035	99000	190	98810	3458.35	4.2	419258.35	230000	3.8884783	894350	-475091.7
7/24/2013	201307	183000	0.13764	0.035	183000	351	182649	6392.715	4.21	776822.72	0	0	0	776822.72
7/25/2013	201307	176000	0.13764	0.035	176000	338	175662	6148.17	4.2626136	756368.17	284450	3.935	1119310.8	-362942.6
7/26/2013	201307	142000	0.13764	0.03	142000	273	141727	4251.81	4.218662	603301.81	175000	3.935	688625	-85323.19
7/27/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/28/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
7/29/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	142389	3.71	528263.19	-528263.2

7/30/2013	201307	90000	0.13764	0.03	90000	173	89827	2694.81	4.01	363594.81	0	0	0	363594.81
7/31/2013	201307	0	0.13764	0.03	0	0	0	0	0	0	89827	3.69	331461.63	-331461.6
8/1/2013	201308	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
8/2/2013	201308	0	0.13764	0.037	0	0	0	0	0	0	0	0	0	0
8/3/2013	201308	0	0.13764	0.037	0	0	0	0	0	0	0	0	0	0
8/4/2013	201308	0	0.13764	0.037	0	0	0	0	0	0	0	0	0	0
8/5/2013	201308	0	0.13764	0.037	0	0	0	0	0	0	0	0	0	0
8/6/2013	201308	0	0.13764	0.037	0	0	0	0	0	0	0	0	0	0
8/7/2013	201308	0	0.13764	0.037	0	0	0	0	0	0	0	0	0	0
8/8/2013	201308	0	0.13764	0.037	0	0	0	0	0	0	0	0	0	0
8/9/2013	201308	0	0.13764	0.045	0	0	0	0	0	0	0	0	0	0
8/10/2013	201308	0	0.13764	0.045	0	0	0	0	0	0	0	0	0	0
8/11/2013	201308	0	0.13764	0.045	0	0	0	0	0	0	0	0	0	0
8/12/2013	201308	0	0.13764	0.045	0	0	0	0	0	0	0	0	0	0
8/13/2013	201308	90000	0.13764	0.045	90000	173	89827	4042.215	3.7794444	344192.22	0	0	0	344192.22
8/14/2013	201308	98000	0.13764	0.045	98000	188	97812	4401.54	3.7946939	376281.54	187639	3.5	656736.5	-280455
8/15/2013	201308	158000	0.13764	0.045	158000	303	157697	7096.365	3.8581646	616686.37	155000	3.54	548700	67986.365
8/16/2013	201308	0	0.13764	0.01	0	0	0	0	0	0	0	0	0	0
8/17/2013	201308	0	0.13764	0.01	0	0	0	0	0	0	0	0	0	0
8/18/2013	201308	0	0.13764	0.01	0	0	0	0	0	0	0	0	0	0
8/19/2013	201308	59000	0.13764	0.01	59000	113	58887	588.87	3.85	227738.87	0	0	0	227738.87
8/20/2013	201308	76000	0.13764	0.01	76000	146	75854	758.54	4.04	307798.54	0	0	0	307798.54
8/21/2013	201308	98000	0.13764	0.01	98000	188	97812	978.12	3.9835714	391368.12	137438	3.76	516766.88	-125398.8
8/22/2013	201308	249000	0.13764	0.01	249000	478	248522	2485.22	4.0062249	1000035.2	0	0	0	1000035.2
8/23/2013	201308	165000	0.13764	0.02	165000	317	164683	3293.66	3.9553333	655923.66	285000	3.775	1075875	-419951.3
8/24/2013	201308	0	0.13764	0.02	0	0	0	0	0	0	75339	3.725	280637.78	-280637.8
8/25/2013	201308	0	0.13764	0.02	0	0	0	0	0	0	75339	3.725	280637.78	-280637.8
8/26/2013	201308	0	0.13764	0.02	0	0	0	0	0	0	75339	3.725	280637.78	-280637.8
8/27/2013	201308	97000	0.13764	0.02	97000	186	96814	1936.28	4.0292474	392773.28	0	0	0	392773.28
8/28/2013	201308	108000	0.13764	0.02	108000	207	107793	2155.86	4.05	439555.86	0	0	0	439555.86
8/29/2013	201308	241000	0.13764	0.02	241000	463	240537	4810.74	4.1194896	997607.74	280000	3.8264286	1071400	-73792.26
8/30/2013	201308	182000	0.13764	0.03	182000	349	181651	5449.53	4.1012088	751869.53	303650	3.8430249	1166934.5	-415065
8/31/2013	201308	76000	0.13764	0.03	76000	146	75854	2275.62	4.0039474	306575.62	119000	3.8632353	459725	-153149.4
9/1/2013	201309	76000	0.13764	0.03	50000	96	49904	1497.12	4.09	205997.12	0	0	0	205997.12
9/2/2013	201309	103000	0.13764	0.03	103000	198	102802	3084.06	4.0951456	424884.06	0	0	0	424884.06
9/3/2013	201309	177000	0.13764	0.03	177000	340	176660	5299.8	4.1159887	733829.8	0	0	0	733829.8
9/4/2013	201309	267000	0.13764	0.03	267000	513	266487	7994.61	4.2951311	1154794.6	219999	4.015	883295.99	271498.63
9/5/2013	201309	380000	0.13764	0.03	380000	730	379270	11378.1	4.3712632	1672458.1	370000	4.045	1496650	175808.1
9/6/2013	201309	640000	0.13764	0	640000	1229	638771	0	4.1598802	2662323.3	710000	4.06	2882600	-220276.7
9/7/2013	201309	144000	0.13764	0	144000	276	143724	0	4.1	590400	110000	3.9	429000	161400
9/8/2013	201309	140000	0.13764	0	140000	269	139731	0	4.1	574000	87964	3.9	343059.6	230940.4
9/9/2013	201309	201000	0.13764	0	201000	386	200614	0	4.1	824100	0	0	0	824100
9/10/2013	201309	118000	0.13764	0	118000	227	117773	0	4.074	480732	600000	3.865	2319000	-1838268
9/11/2013	201309	68000	0.13764	0	68000	131	67869	0	3.9852941	271000	0	0	0	271000
9/12/2013	201309	0	0.13764	0	0	0	0	0	0	0	185600	3.8206034	709104	-709104
9/13/2013	201309	0	0.13764	0.01	0	0	0	0	0	0	0	0	0	0
9/14/2013	201309	0	0.13764	0.01	0	0	0	0	0	0	0	0	0	0

9/15/2013	201309	0	0.13764	0.01	0	0	0	0	0	0	0	0	0	0
9/16/2013	201309	0	0.13764	0.01	0	0	0	0	0	0	0	0	0	0
9/17/2013	201309	97000	0.13764	0.13764	97000	186	96814	13325.479	4.3148454	431865.48	0	0	0	431865.48
9/18/2013	201309	114000	0.13764	0.13764	114000	219	113781	15660.817	4.1719298	491260.82	0	0	0	491260.82
9/19/2013	201309	86000	0.13764	0.13764	86000	165	85835	11814.329	4.1318605	367154.33	200000	3.875	775000	-407845.7
9/20/2013	201309	0	0.13764	0.03	0	0	0	0	0	0	96471	3.88	374307.48	-374307.5
9/21/2013	201309	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
9/22/2013	201309	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
9/23/2013	201309	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
9/24/2013	201309	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
9/25/2013	201309	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
9/26/2013	201309	0	0.13764	0.03	0	0	0	0	0	0	0	0	0	0
9/27/2013	201309	0	0.13764	0.05	0	0	0	0	0	0	0	0	0	0
9/28/2013	201309	0	0.13764	0.05	0	0	0	0	0	0	0	0	0	0
9/29/2013	201309	0	0.13764	0.05	0	0	0	0	0	0	0	0	0	0
9/30/2013	201309	0	0.13764	0.05	0	0	0	0	0	0	0	0	0	0
10/1/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/2/2013	201310	35000	0.13764	0.07	35000	96	34904	2443.28	3.7	131943.28	0	0	0	131943.28
10/3/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/4/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	34904	3.67	128097.68	-128097.7
10/5/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/6/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/7/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/8/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/9/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/10/2013	201310	0	0.13764	0.07	0	0	0	0	0	0	0	0	0	0
10/11/2013	201310	0	0.13764	0.11	0	0	0	0	0	0	0	0	0	0
10/12/2013	201310	0	0.13764	0.11	0	0	0	0	0	0	0	0	0	0
10/13/2013	201310	0	0.13764	0.11	0	0	0	0	0	0	0	0	0	0
10/14/2013	201310	0	0.13764	0.11	0	0	0	0	0	0	0	0	0	0
10/15/2013	201310	16000	0.13764	0.11	15797	43	15754	1732.94	3.96	64289.06	0	0	0	64289.06
10/16/2013	201310	0	0.13764	0.11	0	0	0	0	0	0	0	0	0	0
10/17/2013	201310	0	0.13764	0.11	0	0	0	0	0	0	15956	4.11	65579.16	-65579.16
10/18/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/19/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/20/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/21/2013	201310	20000	0.13764	0.12	20000	55	19945	2393.4	3.95	81393.4	0	0	0	81393.4
10/22/2013	201310	104000	0.13764	0.12	104000	286	103714	12445.68	4.0630769	435005.68	0	0	0	435005.68
10/23/2013	201310	105000	0.13764	0.12	105000	289	104711	12565.32	3.99	431515.32	120000	3.92	470400	-38884.68
10/24/2013	201310	73000	0.13764	0.12	73000	201	72799	8735.88	4.0317808	303055.88	180000	3.975	715500	-412444.1
10/25/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/26/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/27/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/28/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/29/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0
10/30/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	955	3.93	3753.15	-3753.15
10/31/2013	201310	0	0.13764	0.12	0	0	0	0	0	0	0	0	0	0

11/1/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/2/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/3/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/4/2013	201311	113000	0.13764	0.13764	113000	311	112689	15510.514	3.77	441520.51	112689	3.675	414132.08	27388.439
11/5/2013	201311	109000	0.13764	0.13764	109000	300	108700	14961.468	3.8229358	431661.47	108712	3.675	399516.6	32144.868
11/6/2013	201311	35000	0.13764	0.13764	35000	96	34904	4804.1866	3.6571429	132804.19	34000	3.7914706	128910	3894.1866
11/7/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	5000	3.87	19350	-19350
11/8/2013	201311	58000	0.13764	0.13764	58000	159	57841	7961.2352	3.8975862	234021.24	33799	3.8	128436.2	105585.04
11/9/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/10/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/11/2013	201311	83000	0.13764	0.13764	83000	228	82772	11392.738	3.89	334262.74	102716	3.85	395456.6	-61193.86
11/12/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/13/2013	201311	37000	0.13764	0.13764	37000	102	36898	5078.6407	3.81	146048.64	36898	3.91	144271.18	1777.4607
11/14/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/15/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/16/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/17/2013	201311	0	0.13764	0.13764	0	0	0	0	0	0	0	0	0	0
11/18/2013	201311	108000	0.13764	0.13764	108000	297	107703	14824.241	3.9183796	438009.24	0	0	0	438009.24
11/19/2013	201311	80000	0.13764	0.13764	80000	220	79780	10980.919	3.934375	325730.92	79780	3.885	309945.3	15785.619
11/20/2013	201311	83000	0.13764	0.13764	83000	228	82772	11392.738	3.853012	331192.74	189705	3.79271	719496.05	-388303.3
11/21/2013	201311	45000	0.13764	0.13764	45000	124	44876	6176.7326	3.8983333	181601.73	44876	3.85	172772.6	8829.1326
11/22/2013	201311	139000	0.13764	0.11	139000	382	138618	15247.98	3.9073381	558367.98	139389	3.8875232	541877.97	16490.01
11/23/2013	201311	101000	0.13764	0.11	101000	278	100722	11079.42	4.0446535	419589.42	51000	3.97	202470	217119.42
11/24/2013	201311	126000	0.13764	0.11	125858	346	125512	13806.32	4.0387616	522116.78	51000	3.97	202470	319646.78
11/25/2013	201311	307000	0.13764	0.11	247520	681	246839	27152.29	4.4036684	1117148.3	170000	4.0052941	680900	436248.29
11/26/2013	201311	258000	0.13764	0.11	221500	609	220891	24298.01	4.4422573	1008258	269753	4.0301854	1087154.6	-78896.58
11/27/2013	201311	115000	0.13764	0.11	114736	316	114420	12586.2	4.2119781	495851.72	94571	4.0036819	378632.2	117219.52
11/28/2013	201311	0	0.13764	0.11	0	0	0	0	0	0	35000	4.005	140175	-140175
11/29/2013	201311	0	0.13764	0.11	0	0	0	0	0	0	35000	4.005	140175	-140175
11/30/2013	201311	0	0.13764	0.11	0	0	0	0	0	0	35000	4.005	140175	-140175
11/30/2013	201311	0	0.13764	0	0	0	0	0	0	0	67060	4.044742	271240.4	-271240.4

200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	4.314845	0	0	3.875	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	4.17193	0	0	3.875482	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	4.13186	0	0	3.88	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
200000	384	199616	27475.15	3.7	767475.1	199616	3.76	750556.2	16918.99	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	35000	96	34904	2443.28	3.7	131943.3	34904	3.67	128097.7	3845.6
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	15797	43	15754	1732.94	3.96	64289.06	15754	4.11	64748.94	-459.88
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	20000	55	19945	2393.4	3.95	81393.4	19945	3.92	78184.4	3209
0	0	0	0	3.61	0	0	3.7	0	0	104000	286	103714	12445.68	4.063077	435005.7	103714	3.922115	406778.3	28227.41
0	0	0	0	3.61	0	0	3.7	0	0	105000	289	104711	12565.32	3.99	431515.3	104711	3.975	416226.2	15289.09
0	0	0	0	3.61	0	0	3.7	0	0	73000	201	72799	8735.88	4.031781	303055.9	72799	3.974403	289332.5	13723.33
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.61	0	0	3.7	0	0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	
0	0	0	0	3.81	0	0	3.87	0	0	113000	311	112689	15510.51	3.77	441520.5	112689	3.675	414132.1	27388.44
0	0	0	0	3.81	0	0	3.87	0	0	109000	300	108700	14961.47	3.822936	431661.5	108700	3.675	399472.5	32188.97
0	0	0	0	3.81	0	0	3.87	0	0	35000	96	34904	4804.187	3.657143	132804.2	34904	3.791471	132337.5	466.6971
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	58000	160	57840	7961.098	3.897586	234021.1	57840	3.82296	221120	12901.12
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	83000	228	82772	11392.74	3.89	334262.7	82772	3.85	318672.2	15590.54
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	37000	102	36898	5078.641	3.81	146048.6	36898	3.91	144271.2	1777.461
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	108000	297	107703	14824.24	3.91838	438009.2	107703	3.865668	416344.1	21665.18
0	0	0	0	3.81	0	0	3.87	0	0	80000	220	79780	10980.92	3.934375	325730.9	79780	3.81	303961.8	21769.12
0	0	0	0	3.81	0	0	3.87	0	0	83000	228	82772	11392.74	3.853012	331192.7	82772	3.77	312050.4	19142.3
0	0	0	0	3.81	0	0	3.87	0	0	45000	124	44876	6176.733	3.898333	181601.7	44876	3.85	172772.6	8829.133
0	0	0	0	3.81	0	0	3.87	0	0	139000	382	138618	15247.98	3.907338	558368	138618	3.887523	538880.7	19487.29
0	0	0	0	3.81	0	0	3.87	0	0	101000	278	100722	11079.42	4.044653	419589.4	100722	3.97	399866.3	19723.08
0	0	0	0	3.81	0	0	3.87	0	0	125858	346	125512	13806.32	4.038762	522116.8	125512	3.9844	500090	22026.77
0	0	0	0	3.81	0	0	3.87	0	0	247520	681	246839	27152.29	4.403668	1117148	246839	4.036225	996297.7	120850.6
0	0	0	0	3.81	0	0	3.87	0	0	221500	609	220891	24298.01	4.442257	1008258	220891	4.012989	886433.2	121824.8
0	0	0	0	3.81	0	0	3.87	0	0	114736	316	114420	12586.2	4.211978	495851.7	114420	4.025062	460547.6	35304.15
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	3.81	0	0	3.87	0	0	0	0	0	0	0	0	0	0	0	0
										0	0	0	0	0	0	0	0	0	0