

PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



October 25, 2016

Advice Letter 5004

Sid Newsom
Tariff Manager
Southern California Gas Company
555 West 5th Street, GT14D6
Los Angeles, CA 90013-1011

Subject: 2016 Post-Forum Report in Compliance with Decision 09-11-006

Dear Mr. Newsom:

This disposition letter approves Southern California Gas Company's (SoCalGas) Tier 2 Advice Letter (AL) 5004, which reports on the issues discussed during the annual Utility Customer Forum, held on June 2, 2016.

Background:

Pursuant to Decision (D.) 09-11-006, SoCalGas is required to hold an annual Customer Forum in which the utilities hold a structured discussion of gas system reliability with interested parties. SoCalGas is required to prepare an annual report on system reliability, which must be posted to its website at least two weeks prior to the Forum. In the report, the utility must "identify potential tools and/or infrastructure improvements that can be used to mitigate new or existing reliability problems."¹ No later than 60 days after the Forum, the utilities are required to submit a post-Forum Report to the Commission by Advice Letter.

On August 1, 2016, SoCalGas filed its post-Forum Report as Advice Letter 5004. The Report describes the topics that were discussed at the Customer Forum, which included: a review of the previous year's Operational Flow Orders (OFOs) and curtailments, the proposed addition of summer baseload contracts to improve reliability, the recently updated curtailment procedures, improvements to the customer notification process for maintenance-related outages, and the proposed addition of daily imbalance trading.

Protests

SoCalGas's Advice Letter 5004 was timely protested in a joint letter submitted by Shell Energy North America (US), L.P. (Shell) and The Alliance for Retail Energy Markets (AReM) on August 11, 2016.

Shell and AReM claim that a consensus was reached on the necessity of daily imbalance trading at the forum. They further argue that this consensus should compel SoCalGas to seek authorization of daily imbalance trading. The protestants request that the Commission direct SoCalGas to file an advice letter by September 1, 2016, seeking approval of a daily imbalance trading protocol that they describe in detail in their protest.

¹ D.09-11-006, Appendix A, p. 3.

SoCalGas filed a timely reply to Shell and AReM's protest on August 29, 2016.

In its reply, SoCalGas accuses Shell and AReM of violating Rule 12 of the Commission's Rules of Practice and Procedure by disclosing a variation of a proposal that was under discussion in settlement talks being held as part of proceeding A.15-06-020. SoCalGas further maintains that it could not submit an advice letter requesting a new daily imbalance trading protocol without contravening General Order (GO) 96B, which states that an advice letter may be protested if the "relief requested in the advice letter is pending before the Commission in a formal proceeding."² SoCalGas also notes that D.09-11-006 does not require the utility to submit an advice letter seeking proposals discussed at the forum if the utility itself does not agree to them. Rather, the decision states, "The Utility shall also submit any tariff changes proposed in the Forum and agreed-to by the Utility for the CPUC approval by Advice Letter no later than 60 days after conclusion of each Forum."³ Lastly, SoCalGas argues that there was not a consensus regarding daily imbalance trading at the Customer Forum and that daily imbalance trading could undermine reliability by diluting the effectiveness of OFO and Emergency Flow Order requirements.

Discussion

SoCalGas is correct that the requirements for the post-Forum Report laid out in D.09-11-006 do not require the utility to seek tariff changes against its will. SoCalGas is also correct that daily imbalance trading is the subject of settlement negotiations in proceeding A.15-06-020. Since the measures sought by Shell and AReM are being considered in another formal proceeding, their protest of Advice Letter 5004 is dismissed.

Advice Letter 5004 is approved.

Sincerely,



Edward Randolph
Director, Energy Division

CC: John W. Leslie (john.leslie@dentons.com) on behalf of Shell Energy North America (US), L.P. and The Alliance for Retail Energy Markets.

² General Order 96B at 7.4.2 http://docs.cpuc.ca.gov/published/report/91328.htm#P382_35834

³ D.09-11-006, Appendix A, p. 4.



Ronald van der Leeden
Director
Regulatory Affairs

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Los Angeles, CA 90013-1011
Tel: 213.244.2009
Fax: 213.244.4957
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August 1, 2016

Advice No. 5004
(U 904 G)

Public Utilities Commission of the State of California

Subject: 2016 Post-Forum Report in Compliance with Decision (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 June 2, 2016.

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 directed to develop a Post-Forum Report that summarizes matters discussed at the Forum and identify any action items, tariff changes, or procedural modifications that were found to be necessary by parties participating in the Forum. The Post-Forum Report is to 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 (www.socalgasenvoy.com) on May 19, 2016, addressing OFOs and minimum flow requirements. A copy of the Report is included as Appendix 1 to the Post-Forum Report.

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 23.

Customer Forum

SoCalGas held its 2016 Customer Forum on June 2, 2016. The Customer Forum was held in compliance with Section 23 of Rule No. 41, which provides that its annual forums are to address the following topics:

- 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' May 19, 2016 Annual Report. Specific operational matters highlighted for discussion included: 1) High OFO Review; 2) Low OFO Review; 3) System Reliability Support Activity Results; 4) July 2015 Curtailment; 5) Additional Tools / System Improvements; 6) Updates on Regulatory Filings; 7) Notices for Maintenance Related Outages; and 8) Daily Imbalance Trading. A copy of this presentation is included as Appendix 2 to the Post-Forum Report. Approximately 90 persons representing customers and gas suppliers attended the Customer Forum in person or via conference call.

The next Forum will be scheduled for Q2 2017.

Protest

Anyone may protest this Advice Letter (AL) to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received within 20 days of the date of this AL, which is August 21, 2016. 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 General Order (GO) 96-B. SoCalGas respectfully requests that this filing be approved on August 31, 2016, which is 30 calendar days from the date filed.

Notice

A copy of this AL is being sent to SoCalGas' GO 96-B service list and the Commission's service lists in A.15-07-014, A.15-06-020, and A.14-06-021. Address change requests to the GO 96-B should be directed by electronic mail to tariffs@socalgas.com or call 213-244-3387. For changes to all other service lists, please contact the Commission's Process Office at 415-703-2021 or by electronic mail at Process_Office@cpuc.ca.gov.

Due to the volume of the attachments, parties who did not provide email addresses will receive only the AL. 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.

Ronald van der Leeden
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) #: 5004

Subject of AL: 2016 Post-Forum Report in Compliance with Decision (D.) 09-11-006

Keywords (choose from CPUC listing): Compliance

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

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: 8/31/2016

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

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: N/A

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. 5004

**Southern California Gas Company
2016 Post-Forum Report on System Reliability Issues**

Southern California Gas Company

2016 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 2016.

Annual Report

SoCalGas posted an annual report (Annual Report) of system reliability issues on its electronic bulletin board (SoCalGas ENVOY) on May 19, 2016 addressing the matters described above. A copy of the Annual Report is included as Appendix 1 to this post-Forum Report.

Customer Forum

SoCalGas held its 2016 Forum on June 2, 2016. The Forum was held in compliance with Section 23 of Rule No. 41 to provide information that addressed the following matters with interested parties:

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

- iv. Review the need for any additional minimum flow requirements on the Utility system beyond then-current defined requirements;
- v. Review potential additional tools to support system operations and potential system improvements to reduce or eliminate the need for any minimum flowing supply requirements;

A PowerPoint Presentation (Presentation) containing the agenda, overview and summary of the operational matters and proposals as outlined in SoCalGas' May 19 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) High OFO Review; 2) Low OFO Review; 3) System Reliability Support Activity Results; 4) July 2015 Curtailment; 5) Additional Tools / System Improvements; 6) Updates on Regulatory Filings; 7) Notices for Maintenance Related Outages; and 8) Daily Imbalance Trading.

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

Approximately 90 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 July 2015 curtailment, additional tools / system improvements, updates on regulatory filings, notices for maintenance related outages, and daily imbalance trading.

High OFO Review

SoCalGas received questions regarding the role of the Aliso Canyon storage facility (Aliso) leak and its impact towards the number and timing of high OFOs during the first quarter of 2016.

SoCalGas explained that the limited availability of Aliso contributed to the number of high OFOs because the storage field represents approximately half of the total injection system capacity on the system. Forced withdrawals at Aliso combined with windowing to support those withdrawals also contributed to the number of high OFOs.

The high OFO formula takes into account the total system capacity which includes receipt point capacities. Windowing limits receipt point capacities, thereby limiting the amount of flowing supplies into the system. If a high OFO is declared,

SoCalGas will window on Cycles 3 through 5. If a high OFO is not declared, SoCalGas will window on Cycle 5 if scheduled quantities exceed system capacity. During windowing, Backbone Transportation Service (BTS) reductions are strictly operational and not based on contracted capacities. Most of the reductions were on the Northern System in an attempt to maximize withdrawals from Aliso.

SoCalGas does not currently expect to limit receipt point capacities for reasons other than maintenance outages or when scheduled quantities exceed the system capacity on Cycle 5. Any receipt point capacity limitation would be done pro rata.

Low OFO Review

SoCalGas received questions regarding its low OFO calculation and what considerations are taken when declaring a low OFO and EFO.

SoCalGas explained that the need to call a low OFO is based on a formula whose trigger is dependent on the percentage of withdrawal capacity that is available for the balancing function. Pursuant to the settlement in A.15-06-020 regarding daily balancing issues, the System Operator may change this percentage at its discretion. The percentage may increase if and when Aliso becomes available, up to the 340 MMcfd of withdrawal capacity allocated to the balancing function. There will be ENVOY postings regarding any changes to the percentage and any capacity regained from Aliso. The System Operator considers all system conditions including gas demand which fluctuates due to EG demand in the summer.

SoCalGas also described its EFO procedure, stating that an EFO is an operational call based on real-time events and information that Gas Control observes on the system; and that an EFO is not based on the formula used to call a low OFO.

SoCalGas explained that on the December 29, 2015 EFO day, the ENVOY system was not yet configured to declare an EFO while leaving the Forecasted Total Daily Customer Imbalance field in a *Not Applicable (N/A)* status. Therefore, a number was needed to be input in that field to trigger the EFO. That number was not obtained through any calculation but was simply used to trigger the EFO.

SoCalGas further explained that going into December 27, 2015, upstream pipelines shared information about well freeze-offs. These well freeze-offs were followed by cuts in flowing supplies. By the evening of December 28, 2015, the cold temperature and high sendout left the System Operator concerned about system

inventories so the December 29, 2015 EFO was declared to maintain system reliability.

SoCalGas was asked to post additional information describing operator discretion on EFO days in order to provide transparency in judgment calls and was also asked to post items of concern that the System Operator observes that may lead to an EFO.

System Reliability Support Activity Results

SoCalGas was asked about baseload contracts and whether or not summer baseload contracts were necessary due to the limited availability of Aliso.

SoCalGas stated that independent of Aliso, summer baseload contracts are likely a good idea to maintain Southern System reliability. SoCalGas filed Advice Letter No. 4970 to extend winter baseload authority for three years on May 25, 2016.

July 2015 Curtailment

SoCalGas was asked to explain the degree that compliance testing contributed to the July 1, 2015 curtailment.

SoCalGas explained that reducing system capacity by 800 MMcfd due to both pipeline compliance work and maintenance were contributing factors to the curtailment. The compliance testing could not be delayed due to a mandated pipeline safety deadline. SoCalGas filed Advice Letter No. 4831-A on June 24, 2016, in compliance with Resolution G-3516 to provide the facts underlying and the reasons for the curtailment.

Additional Tools / System Improvements

SoCalGas was asked to provide data on the economics of summer baseload contracts and to explain how costs would be allocated for these contracts.

SoCalGas agreed to provide the data requested and stated that costs would be allocated to the System Reliability Memorandum Account (SRMA) in the same manner as the winter baseload contracts. SoCalGas stated that it would consider filing for one-year authority for summer baseload contracts to gauge its effectiveness. Subsequent to the Forum, on June 22, 2016, SoCalGas filed AL 4978 requesting to revise Rule No. 41 to provide temporary preauthorization to enter into baseload contracts for August and September of 2016 to support

Southern System reliability up to 200 MMcfd due to the limited availability of Aliso Canyon.

Updates on Regulatory Filings

SoCalGas was asked about how it 1) plans to implement curtailments in the upcoming summer season; and 2) when its new high OFO protocol will be implemented.

SoCalGas explained that localized curtailments rather than system-wide curtailments are more likely to be implemented during the summer, and they would be emergency curtailments similar to the July 1, 2015 curtailment where EGs were curtailed first. SoCalGas also mentioned that with either the existing rules or new steps, an effort will be made to not take refinery load off the system unless absolutely required to maintain reliability for core customers.

SoCalGas has broad authority under Rule 23.E when SoCalGas calls a curtailment due to emergency conditions. For the period before the Curtailment Settlement that was submitted to the Commission on April 28, 2016, in A.15-06-020 is approved and implemented, customers asked SoCalGas to exercise the broad authority it currently has under Rule 23.E so as to utilize the curtailment protocol that is described in the Curtailment Settlement when conducting an emergency curtailment. SoCalGas agreed to make an effort to utilize the Curtailment Settlement protocol in Rule 23.E emergency curtailment situations, to the extent operationally feasible.

SoCalGas stated that the implementation of the new high OFO protocols is linked to the implementation of the Aliso Canyon Turbine Replacement project so the implementation will likely occur by January 1, 2017.

Notices for Maintenance Related Outages

SoCalGas received questions regarding the communication of pending maintenance outages to customers and their marketers for local service facilities.

SoCalGas stated that local outages for maintenance are communicated to customers through their respective Account Managers. Customers are contacted to attempt to coordinate SoCalGas outages with scheduled outages for their facilities. Notices for localized outages are posted on ENVOY but a list of affected

customers is not provided in those notices. Notifications are also communicated to the marketers when possible.

Daily Imbalance Trading

Two daily imbalance trading concepts were presented by SoCalGas. Several companies expressed *preliminary* support for a Daily Imbalance Trading option that would require two changes to the SoCalGas and SDG&E gas scheduling process (creation of a balancing agent to balancing agent transaction type for Cycle 6 and postponing or extending Cycle 6 to a day or more subsequent to the Gas Day).

Certain customers strongly opposed the second option, which was to add daily imbalance trading either as an adjunct to or replacement of the existing monthly imbalance trading system. No one seemed interested in changing the monthly imbalance trading process.

SoCalGas received questions regarding when a daily imbalance trading module would be implemented and how communication would work between balancing agents who desire to trade imbalances. Customers were particularly interested in the concept of providing imbalance trading through an expanded Cycle 6.

SoCalGas explained that while daily imbalance trading options were being presented and discussed during the Forum, this topic is more appropriately scoped for Phase 2 of the Daily Balancing scope of the Curtailment Procedures proceeding. SoCalGas mentioned that an imbalance trading ad board (“Trade Ad” module) is available on ENVOY. An alternative option was proposed to have daily imbalance trading occur on days 1 and 2 of the current monthly imbalance trading period while monthly imbalance trading would occur afterwards. This proposed change to the monthly imbalance trading process received little support from other parties.

Comments on Draft Post-Forum Report¹

In comments on the draft Post-Forum Report, customers urged that SoCalGas continue the Customer Forum process that began on June 2, 2016, to develop a consensus daily imbalance trading protocol and that SoCalGas present that

¹ In response to customer requests, SoCalGas extended its deadline for comments regarding the post-Forum report from June 30, 2016 to July 7, 2016. The August 1 report filing deadline is a Rule 41 requirement.

protocol to the Commission in the final Post-Forum Report that SoCalGas scheduled for submission by August 1, 2016.

SoCalGas did not develop a consensus daily imbalance trading protocol to present in this post-Forum report. As SoCalGas explained at the Customer Forum, SoCalGas believes that these proposals need to be more fully developed, and that this topic is more appropriately addressed outside of the post-Forum advice filing process.

Additional Items

A list of items was presented by a customer coalition for discussion in Phase 2 of the Daily Balancing scope of the Curtailment Procedures proceeding. SoCalGas took note of the issues but did not provide a response as these items were outside of the scope of the Forum.

Conclusion

SoCalGas presented, for discussion purposes, several possible options for daily imbalance trading at the Forum. Any of these proposed options would require extensive IT work, and implementation costs are expected to be at least \$1 million. SoCalGas will consider the feedback presented at the Forum and continue to explore the best possible option to implement.

The next Forum will be scheduled for Q2 2017.

Appendix 1 to Attachment A

2016 Post-Forum Report on System Reliability Issues

Annual Report of System Reliability Issues released on May 19, 2016



A  Sempra Energy utility

Seventh Annual Report of System Reliability Issues

2016 Customer Forum

May 19, 2016

Seventh Annual Report of System Reliability Issues

Date Issued: May 19, 2016

Introduction

SoCalGas presents its Seventh Annual Report of System Reliability Issues (Report). This Report covers the time period from April 1, 2015, through March 31, 2016. Pursuant to Section 21 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.

Seventh Annual Report of System Reliability Issues

Date Issued: May 19, 2016

A. Operational Flow Orders

A High OFO may be issued if the level of scheduled quantities specified from Rule No. 41 in the table below for each transportation nomination cycle exceeds the forecasted system capacity.

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

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

Gas Control develops the sendout forecast by using public weather data for estimating core demand (wholesale and retail) and market information and historical data for noncore customer demand provided by the Customer Strategy and Engagement Department. Gas Control also makes use of demand forecast data provided directly from the grid operators, including, but not limited to the California Independent System Operator (CAISO), Los Angeles Department of Water & Power and Imperial Irrigation District.

A total of 80 High OFO events were called from April 1, 2015 to March 31, 2016. This represents a 10% increase in comparison to the 73 High OFOs called during the previous Report period. Attachments 1A, 1B, and 1C provide detailed calculations for each High OFO event including calculation of forecasted system capacity in comparison to scheduled quantities.

High OFO events are triggered when scheduled quantities from a previous cycle exceed forecasted system capacity for a pending cycle. Most of the High OFOs called during a typical Report period occur during the shoulder months. During this reporting period, 16 High OFOs occurred during October 2015 and 18 High OFOs occurred during November 2015.

A Low OFO will be issued if, on a day prior to this Gas Day, in the sole judgment of Gas Control, the system forecast of storage withdrawal used for balancing exceeds the withdrawal capacity allocated to the balancing function. Should SoCalGas' implementation of a Low OFO prove to be inadequate to ensure system integrity, SoCalGas may implement other measures including

Seventh Annual Report of System Reliability Issues

Date Issued: May 19, 2016

implementing an Emergency Flow Order (EFO). SoCalGas may invoke EFOs when a forecast or an actual supply and/or capacity shortage threatens deliveries to End-Use Customers.

A total of 8 Low OFO events (including 1 EFO event) were called from April 1, 2015 to March 31, 2016. Attachment 2 provides detailed calculations for each Low OFO event. The Low OFO/EFO procedures were approved on December 3, 2015 upon adoption of Resolution G-3511 which approved SoCalGas and SDG&E Advice Letters 4822-G and 2392-G, respectively.

B. Requests for Additional Supplies to Meet Minimum Flow Requirements

A description of the requests from Gas Control for the Operational Hub to obtain additional supplies to meet Southern System minimum flow requirements from April 1, 2015 to March 31, 2016, can be found in Attachment 3. A total of 24 such requests were made during the Report period.

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, 2015 to March 31, 2016 are provided in Attachment 4. These transactions are baseload and spot supply purchases and sales.

During the Report period SoCalGas purchased and sold approximately 30.7 MMDth of baseload supply at an approximate net cost of 7 cents per Dth or a total approximate net cost of \$2.2 million.

During the Report period SoCalGas also purchased and sold approximately 2.5 MMDth of spot market supply at an approximate net cost of 40 cents per Dth or a total approximate net cost of \$1 million.

During the Report period SoCalGas did not offer any discounted interruptible transportation rates for gas transported from the El Paso – Ehrenberg receipt point to increase customer delivery of gas into the Southern System.

The total System Operator cost of meeting Southern System minimum flow requirements over the April 2015-March 2016 period was \$3.2 million; \$2.2 million in Hub baseload purchases and \$1 million in Hub spot purchases reflected in the System Reliability Memorandum Account (SRMA).

Seventh Annual Report of System Reliability Issues

Date Issued: May 19, 2016

SoCalGas has taken a number of steps to address the Southern System minimum flow requirements. For the 2015-16 winter season SoCalGas entered into 4 baseload gas agreements totaling 255 MDth/day from December 2015 through March 2016 that satisfied the baseload contract criteria set forth in Rule 41.

As reported in the Fifth Annual Report the Commission also approved the 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. The Third MILC's evergreen provision is limited to three one year terms ending not later than October 31, 2016. The Third MILC was effective during the Report period.

SoCalGas plans on continuing to use spot purchases, baseload agreements and to evaluate the possible use of discounted BTS capacity 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 hopes 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

There is no need for any additional minimum flow requirements outside of the Southern System at this time.

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.) and MILCs with Gas Acquisition.

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.

Seventh Annual Report of System Reliability Issues

Date Issued: May 19, 2016

Local Service Curtailment Procedure Application (A.15-06-020)

On June 26, 2015 SoCalGas and SDG&E filed an application (A.15-06-020) for authority to revise their curtailment procedures. The revised curtailment procedures would eliminate the current system-wide process and instead allow SoCalGas and SDG&E to effectuate end-use curtailment in one or more of ten defined local service zones (or an area larger or smaller than one of the defined zones if operationally expedient to do so). Additionally, the revised procedures restructure the order in which SoCalGas and SDG&E curtail noncore customers.

On April 28, 2016, SoCalGas, SDG&E, and the five active parties filed a Joint Motion for Adoption of Gas Curtailment Procedures Settlement Agreement with the CPUC. The settlement agreement recommends adoption of many of the tariff revisions proposed by SoCalGas and SDG&E with a few modifications to accommodate customer needs and provide operator flexibility.

On April 29, 2016, SoCalGas, SDG&E, and twenty-four other parties filed a Joint Motion for Adoption of Daily Balancing Proposal Settlement Agreement with the CPUC. This Settlement Agreement presents a package of temporary reliability improvement measures to help deal with the limited availability of the Aliso Canyon storage field. During the Settlement term, which would end no later than November 30, 2016 (earlier if certain operational capacities are recovered at Aliso Canyon), SoCalGas and SDG&E will deal with supply shortages and surpluses using Operational Flow Order (OFO) tariff procedures rather than daily balancing procedures. A number of temporary changes will be made to the existing low and high OFO tariff provisions to facilitate this, including changing the existing 110% high OFO tolerance to a default of 105% and revising the current Low OFO formula so that the balancing trigger is based on operational constraints. A subsequent phase of the same CPUC proceeding will consider reliability measures that may be needed beyond November 30, 2016.

Seventh Annual Report of System Reliability Issues

Date Issued: May 19, 2016

Potential Infrastructure Improvements – North-South Project (A.13-12-013)

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.

SoCalGas and SDG&E proposed the North-South Project to help maintain Southern System reliability and alleviate the potential for curtailments of customers on the Southern System due to a potential mismatch between Southern System customer demand and the volume of flowing supplies delivered to the Southern System to meet that demand. On April 5, 2016, ALJ Bemesderfer issued a Proposed Decision (PD) denying the Application. Opening comments in response to the PD were filed by parties on April 26, 2016, and reply comments on May 2, 2016.



ATTACHMENT 1A

TO

**MAY 19, 2016
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,366,739	2,366,739	2,222,512	2,222,512
Injection Capacity	799,000	547,850	567,000	516,000
Latest Off-System Scheduled Quantity	6,000	4,000	4,000	4,000
Net System Capacity:	3,171,739	2,918,589	2,793,512	2,742,512
Latest On-System Scheduled Quantity	2,677,881	2,896,857	3,099,746	2,700,720
Total Unused Capacity:	493,858	21,732	0	41,792
Total Excess Receipts:	0	0	(306,234)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	*CCR-R	CCR-Z	CCR-A
Timely	3,233,475	3,215,116	2,896,857	0	-6,354	0	0	0
Evening	3,324,410	3,236,464	3,099,746	0	-19,002	-44,984	0	0
Intraday 1	3,329,410	2,762,512	2,700,720	-417,796	0	0	0	0
Intraday 2	3,261,754	2,752,800	2,684,413	-386,210	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	3,035,275	3,025,620	2,794,352	0	0	0	0	0	15,034	14,894	9,861	0	0	0	0	0
Evening	3,048,974	3,029,944	2,963,237	0	0	0	0	0	15,034	14,895	14,861	0	0	0	0	0
Intraday 1	3,048,974	2,717,004	2,655,215	-292,277	0	0	0	0	15,034	4,954	4,954	-9,941	0	0	0	0
Intraday 2	3,018,183	2,707,292	2,638,907	-304,315	0	0	0	0	15,034	4,954	4,954	-6,608	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	3,680	3,680	1,906	0	0	0	0	0	179,486	170,922	90,738	0	-6,354	0	0	0
Evening	3,680	3,680	3,680	0	0	0	0	0	256,722	187,945	117,968	0	-19,002	-44,984	0	0
Intraday 1	3,680	1,226	1,226	-2,454	0	0	0	0	261,722	39,328	39,325	-113,124	0	0	0	0
Intraday 2	3,680	1,226	1,226	-2,454	0	0	0	0	224,857	39,328	39,326	-72,833	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.

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

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

* CCR-S cuts were due to capacity constraints within the EP-Ehrenberg/NBP-Blythe Sub- zone caused by maintenance.

* CCR-C cuts were due to decrease in Forecasted Sendout

Maintenance schedule posted 03/31/2015 8:21 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	04/01/2015	04/24/2015 11:59:59 PM PCT	Planned - MU#2 Rebuild - Cont. Extended Maint.	20	20420
Storage Field - Inj	Honor Rancho	11/01/2014	04/05/2015 11:59:59 PM PCT	Planned - MU # 3 engine and compressor overhaul.	50	51050
Sub-Zone	TW-Topock/EP-Topock	03/28/2015	04/03/2015 11:59:59 PM PCT	Unplanned- MU4 main bearing replacement (extended)	40	40560
Storage Field - Inj	Goleta	03/30/2015	03/31/2015 11:59:59 PM PCT	Planned - L247 Internal Line Inspection (ILI) extended.	90	91890
Sub-Zone	EP-Ehrenberg/NBP-Blythe	03/18/2015	TBD	Unplanned - MU#2 shut down due to coupling investigation.	173	175249
Storage Field - Inj	Playa del Rey	03/09/2015	04/10/2015 11:59:59 PM PCT	Planned - Overhaul CB #6	25	25525
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Storage Field - Inj	Aliso Canyon	04/01/2015	05/01/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	03/16/2015	04/10/2015 11:59:59 PM PCT	Planned - L2001 shutdown for inspections, hydro tests, relocation and valve tie-ins.	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Storage Field - Inj	Aliso Canyon	11/20/2014	03/31/2015 11:59:59 PM PCT	Planned - TDC maintenance, KVS 4&5 cooler upgrades, KVS 2 rebuild.	375	382875
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840
<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>						
<p>Last updated: 03/31/2015 08:21:58 AM PCT</p>						

Maintenance schedule posted 3/31/2015 1:25 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	11/20/2014	03/31/2015 01:25:25 PM PCT	Planned - TDC maintenance, KVS 4&5 cooler upgrades, KVS 2 rebuild.	375	382875
Storage Field - Inj	Aliso Canyon	04/01/2015	04/01/2015 11:59:59 PM PCT	Planned - Meter Prove TDC's	150	153150

Maintenance schedule posted 4/01/2015 8:09 AM

Storage Field - Inj	Goleta	04/01/2015	04/01/2015 11:59:59 PM PCT	Planned - Reduction in available supply due to CA producer maintenance activity	30	30630
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,325,675	2,325,675	2,170,429	2,170,429
Injection Capacity	608,000	608,000	608,000	670,000
Latest Off-System Scheduled Quantity	4,000	4,000	6,222	36,158
Net System Capacity:	2,937,675	2,937,675	2,784,651	2,876,587
Latest On-System Scheduled Quantity	3,099,746	2,637,668	2,720,207	2,677,497
Total Unused Capacity:	0	300,007	64,444	199,090
Total Excess Receipts:	(162,071)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,853,809	2,757,351	2,637,668	0	0	0	0	0
Evening	2,853,809	2,828,284	2,720,207	0	0	0	0	0
Intraday 1	2,853,809	2,784,658	2,677,497	-52,984	0	0	0	0
Intraday 2	2,849,809	2,839,434	2,691,596	0	-5,231	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	2,735,945	2,678,247	2,600,758	0	0	0	0	0	10,056	10,056	10,056	0	0	0	0	0
Evening	2,741,945	2,739,895	2,681,327	0	0	0	0	0	4,056	4,056	56	0	0	0	0	0
Intraday 1	2,741,945	2,741,715	2,638,568	0	0	0	0	0	4,056	4,056	56	0	0	0	0	0
Intraday 2	2,741,945	2,741,716	2,638,574	0	0	0	0	0	56	56	56	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	3,243	3,242	2,837	0	0	0	0	0	104,565	65,806	24,017	0	0	0	0	0
Evening	3,243	3,243	3,243	0	0	0	0	0	104,565	81,090	35,581	0	0	0	0	0
Intraday 1	3,243	3,243	3,243	0	0	0	0	0	104,565	35,644	35,630	-52,984	0	0	0	0
Intraday 2	3,243	3,243	3,243	0	0	0	0	0	104,565	94,419	49,723	0	-5,231	0	0	0

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

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

* CCR-C decrease in Forecasted Sendout

Maintenance Schedule posted 04/02/2015 11:37 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	04/02/2015	04/02/2015 11:37:05 AM PCT	Planned - L247 Internal Line Inspection (ILI) rerun.	90	91890
Storage Field - Inj	Playa del Rey	04/10/2015	06/05/2015 11:59:59 PM PCT	Planned - Hydrostatic testing.	75	76575
Storage Field - Inj	Playa del Rey	03/09/2015	04/09/2015 11:59:59 PM PCT	Planned - Overhaul CB #6	25	25525
Storage Field - Inj	Goleta	04/03/2015	04/05/2015 11:59:59 PM PCT	Planned - Reduction in available supply due to CA producer maintenance activity	30	30630
Storage Field - Inj	Aliso Canyon	04/01/2015	04/24/2015 11:59:59 PM PCT	Planned - MU#2 Rebuild - Cont. Extended Maint.	20	20420
Storage Field - Inj	Honor Rancho	11/01/2014	04/05/2015 11:59:59 PM PCT	Planned - MU # 3 engine and compressor overhaul.	50	51050
Sub-Zone	TW-Topock/EP-Topock	03/28/2015	04/03/2015 11:59:59 PM PCT	Unplanned- MU4 main bearing replacement (extended)	40	40560
Sub-Zone	EP-Ehrenberg/NBP-Blythe	03/18/2015	TBD	Unplanned - MU#2 shut down due to coupling investigation.	173	175249
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Storage Field - Inj	Aliso Canyon	04/01/2015	05/01/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	03/16/2015	04/10/2015 11:59:59 PM PCT	Planned - L2001 shutdown for inspections, hydro tests, relocation and valve tie-ins.	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840

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Last updated: 04/02/2015 11:37:14 AM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,052,243	2,041,225	1,964,103	1,964,103
Injection Capacity	670,000	670,000	670,000	670,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	34,000
Net System Capacity:	2,726,243	2,715,225	2,638,103	2,668,103
Latest On-System Scheduled Quantity	2,719,384	2,705,497	2,747,930	2,566,515
Total Unused Capacity:	6,859	9,728	0	101,588
Total Excess Receipts:	0	0	(109,827)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,778,363	2,768,249	2,705,497	0	0	0	0	0
Evening	2,802,363	2,797,213	2,747,930	0	0	0	0	0
Intraday 1	2,802,413	2,638,103	2,566,515	-150,173	0	0	0	0
Intraday 2	2,783,413	2,668,103	2,569,847	-110,158	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	2,677,367	2,672,390	2,613,723	0	0	0	0	0	32	32	32	0	0	0	0	0
Evening	2,677,367	2,677,354	2,636,125	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 1	2,677,417	2,600,834	2,529,246	-76,567	0	0	0	0	32	11	11	-21	0	0	0	0
Intraday 2	2,677,417	2,630,832	2,532,577	-46,571	0	0	0	0	32	11	11	-21	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	1,895	1,895	1,895	0	0	0	0	0	99,069	93,932	89,847	0	0	0	0	0
Evening	1,895	1,895	1,895	0	0	0	0	0	123,069	117,932	109,878	0	0	0	0	0
Intraday 1	1,895	631	631	-1,264	0	0	0	0	123,069	36,627	36,627	-72,321	0	0	0	0
Intraday 2	1,895	631	631	-1,264	0	0	0	0	104,069	36,629	36,628	-62,302	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.
 * CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,021,193	2,021,193	2,021,193	2,067,266
Injection Capacity	670,000	670,000	670,000	670,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,695,193	2,695,193	2,695,193	2,741,266
Latest On-System Scheduled Quantity	2,747,930	2,545,037	2,646,320	2,533,771
Total Unused Capacity:	0	150,156	48,873	207,495
Total Excess Receipts:	(52,737)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,772,819	2,613,190	2,545,037	0	0	0	0	0
Evening	2,832,819	2,652,602	2,586,320	0	0	0	0	0
Intraday 1	2,787,819	2,674,902	2,533,771	0	0	0	0	0
Intraday 2	2,754,819	2,721,915	2,577,590	-7,764	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	2,666,917	2,598,520	2,533,441	0	0	0	0	0	32	25	25	0	0	0	0	0
Evening	2,666,917	2,576,820	2,513,584	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 1	2,661,917	2,639,552	2,502,428	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 2	2,628,917	2,628,900	2,489,646	0	0	0	0	0	32	32	32	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	1,895	1,895	1,895	0	0	0	0	0	103,975	12,750	9,676	0	0	0	0	0
Evening	1,895	1,895	1,895	0	0	0	0	0	163,975	73,855	70,809	0	0	0	0	0
Intraday 1	1,895	1,895	1,895	0	0	0	0	0	123,975	33,423	29,416	0	0	0	0	0
Intraday 2	1,895	1,895	1,895	0	0	0	0	0	123,975	91,088	86,017	-7,764	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 OFO	No OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,428,838	2,377,757	2,325,675	2,222,512
Injection Capacity	701,000	598,000	598,000	598,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	13,744
Net System Capacity:	3,133,838	2,979,757	2,927,675	2,834,256
Latest On-System Scheduled Quantity	2,846,477	2,910,987	2,978,409	2,816,191
Total Unused Capacity:	287,361	68,770	0	18,065
Total Excess Receipts:	0	0	(50,734)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,056,081	2,938,516	2,910,987	0	0	0	0	0
Evening	3,002,034	2,993,989	2,978,409	0	0	0	0	0
Intraday 1	2,963,975	2,883,601	2,816,191	0	0	0	0	0
Intraday 2	2,894,426	2,883,760	2,797,568	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	2,832,813	2,796,309	2,777,155	0	0	0	0	0	7,232	7,232	7,220	0	0	0	0	0
Evening	2,834,766	2,834,757	2,821,944	0	0	0	0	0	7,232	7,232	7,220	0	0	0	0	0
Intraday 1	2,837,808	2,766,122	2,704,015	0	0	0	0	0	7,232	7,232	7,232	0	0	0	0	0
Intraday 2	2,768,259	2,762,587	2,684,210	0	0	0	0	0	7,232	7,232	7,232	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	15,074	12,032	12,032	0	0	0	0	0	200,962	122,943	114,580	0	0	0	0	
Evening	15,074	12,032	12,032	0	0	0	0	0	144,962	139,968	137,213	0	0	0	0	
Intraday 1	12,032	12,032	12,032	0	0	0	0	0	106,903	98,215	92,912	0	0	0	0	
Intraday 2	12,032	12,032	9,895	0	0	0	0	0	106,903	101,909	96,231	0	0	0	0	

There were no Pipeline Capacity Constraint reductions on Gas Day 04/10/2015. A decrease in Forecasted Sendout resulted in declaration of OFO on Cycle 3.

Maintenance Schedule Posted 04/09/16 4:10 PM

Location Type	Location	Start Date	End Date	Maintenance Type	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	05/02/2016	05/15/2016 11:59:59 PM PCT		Planned - L235-2 remediation.	540	547560
Storage Field - Inj	Aliso Canyon	04/01/2016	TBD		Injection into Aliso Canyon is discontinued per regulatory agency directives.	400	408400
Storage Field - Inj	Goleta	04/12/2016	04/14/2016 11:59:59 PM PCT	Unplanned	Field valve testing.	10	10210
Storage Field - Inj	Goleta	12/06/2015	TBD		Unplanned - Olive St. Compressor HP2 water leak repair.	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD		Non Maintenance related due to North Costal demand and available supply.	90	91890
Storage Field - Inj	Honor Rancho	04/11/2016	04/12/2016 11:59:59 PM PCT	Unplanned	Injection header repairs, phase 2.	160	163360
Storage Field - Inj	Honor Rancho	04/09/2016	04/15/2016 11:59:59 PM PCT		Unplanned - MU#5 Starter replacement.	50	51050
Storage Field - Inj	Honor Rancho	02/13/2016	TBD		Unplanned - Main unit horsepower and RPM reductions required due to mechanical limitations.	40	40840
Storage Field - Inj	Honor Rancho	01/27/2016	04/15/2016 11:59:59 PM PCT		Planned - MU2 compressor and engine rebuild.	50	51050
Storage Field - Inj	Playa del Rey	02/28/2016	TBD		Playa Del Rey storage at full capacity.	75	76575
Storage Field - Wth	Aliso Canyon	12/19/2015	TBD		Withdrawal from Aliso canyon is discontinued unless needed for system reliability.	1850	1888850
Storage Field - Wth	Honor Rancho	04/18/2016	05/21/2016 11:59:59 PM PCT		Planned - Inspection of the "B" train primary gas separator and 2 glycol contractors.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	03/22/2016	04/15/2016 11:59:59 PM PCT		Unplanned- L3000 necessary remediation.	540	547560

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Last updated: 04/09/2016 04:10:49 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,093,307	2,015,184	1,990,144	1,990,144
Injection Capacity	701,000	701,000	619,000	619,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,798,307	2,720,184	2,613,144	2,613,144
Latest On-System Scheduled Quantity	2,978,409	2,567,836	2,627,326	2,508,869
Total Unused Capacity:	0	152,348	0	104,275
Total Excess Receipts:	(180,102)	0	(14,182)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,712,262	2,629,313	2,567,836	0	0	0	0	0
Evening	2,733,771	2,672,034	2,627,326	0	0	0	0	0
Intraday 1	2,747,093	2,613,142	2,510,677	-46,527	0	0	0	0
Intraday 2	2,743,442	2,613,282	2,515,606	-94,148	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	2,625,835	2,573,979	2,515,370	0	0	0	0	0	5,032	5,029	5,029	0	0	0	0	0
Evening	2,625,835	2,604,610	2,561,925	0	0	0	0	0	5,032	5,032	5,032	0	0	0	0	0
Intraday 1	2,625,835	2,591,338	2,488,873	-12,198	0	0	0	0	5,032	1,678	1,678	-3,354	0	0	0	0
Intraday 2	2,625,833	2,591,478	2,493,802	-31,768	0	0	0	0	5,032	1,678	1,678	-3,354	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	12,172	12,172	11,307	0	0	0	0	0	69,223	38,133	36,130	0	0	0	0	0
Evening	12,172	12,172	12,172	0	0	0	0	0	90,732	50,220	48,197	0	0	0	0	0
Intraday 1	12,172	4,057	4,057	-8,115	0	0	0	0	104,054	16,069	16,069	-22,860	0	0	0	0
Intraday 2	12,172	4,057	4,057	-8,115	0	0	0	0	100,405	16,069	16,069	-50,911	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 Schedule Posted 04/10/16 2:31AM

Location Type	Location	Start Date	End Date	Maintenance Type	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	05/02/2016	05/15/2016 11:59:59 PM PCT		Planned - L235-2 remediation.	540	547560
Storage Field - Inj	Aliso Canyon	04/01/2016	TBD		Injection into Aliso Canyon is discontinued per regulatory agency directives.	400	408400
Storage Field - Inj	Goleta	04/12/2016	04/14/2016 11:59:59 PM PCT	Unplanned	Field valve testing.	10	10210
Storage Field - Inj	Goleta	12/06/2015	TBD		Unplanned - Olive St. Compressor HP2 water leak repair.	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD		Non Maintenance related due to North Costal demand and available supply.	90	91890
Storage Field - Inj	Honor Rancho	04/11/2016	04/12/2016 11:59:59 PM PCT	Unplanned	Injection header repairs, phase 2.	160	163360
Storage Field - Inj	Honor Rancho	04/09/2016	04/15/2016 11:59:59 PM PCT	Unplanned	Unplanned - MU#5 Starter replacement.	40	40840
Storage Field - Inj	Honor Rancho	02/13/2016	TBD		Unplanned - Main unit horsepower and RPM reductions required due to mechanical limitations.	40	40840
Storage Field - Inj	Honor Rancho	01/27/2016	04/15/2016 11:59:59 PM PCT		Planned - MU2 compressor and engine rebuild.	50	51050
Storage Field - Inj	Playa del Rey	02/28/2016	TBD		Playa Del Rey storage at full capacity.	75	76575
Storage Field - Wth	Aliso Canyon	12/19/2015	TBD		Withdrawal from Aliso canyon is discontinued unless needed for system reliability.	1850	1888850
Storage Field - Wth	Honor Rancho	04/18/2016	05/21/2016 11:59:59 PM PCT		Planned - Inspection of the "B" train primary gas separator and 2 glycol contractors.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	03/22/2016	04/15/2016 11:59:59 PM PCT		Unplanned- L3000 necessary remediation.	540	547560

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Last updated: 04/10/2016 02:31:42 AM PCT

OFO Calculation - 04/12/2015 Today Tomorrow Flow Date: 04/12/2015 GO Description of OFO Calculation A				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,000,160	2,000,160	2,067,266	2,067,266
Injection Capacity	670,000	670,000	670,000	670,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,674,160	2,674,160	2,741,266	2,741,266
Latest On-System Scheduled Quantity	2,627,326	2,723,727	2,757,945	2,626,927
Total Unused Capacity:	46,834	0	0	114,339
Total Excess Receipts:	0	(49,567)	(16,679)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,805,653	2,800,317	2,723,727	0	0	0	0	0
Evening	2,875,700	2,804,343	2,757,945	0	0	0	0	0
Intraday 1	2,848,648	2,741,276	2,626,927	-102,047	0	0	0	0
Intraday 2	2,808,194	2,741,276	2,613,571	-58,886	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	2,631,125	2,631,091	2,583,365	0	0	0	0	0	32	31	31	0	0	0	0	0
Evening	2,661,172	2,620,927	2,578,393	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 1	2,661,172	2,661,136	2,546,798	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 2	2,661,170	2,660,998	2,534,529	0	0	0	0	0	32	32	32	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	12,172	11,897	11,897	0	0	0	0	0	162,324	157,298	128,434	0	0	0	0	
Evening	12,172	11,897	11,897	0	0	0	0	0	202,324	171,487	167,623	0	0	0	0	
Intraday 1	12,172	11,897	11,897	0	0	0	0	0	175,272	68,211	68,200	-102,047	0	0	0	
Intraday 2	12,172	12,034	11,121	0	0	0	0	0	134,820	68,212	67,889	-58,886	0	0	0	

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,428,838	2,511,969	2,605,116	2,501,953
Injection Capacity	670,000	414,000	412,000	412,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	3,102,838	2,929,969	3,021,116	2,917,953
Latest On-System Scheduled Quantity	3,016,932	2,941,274	2,975,292	2,912,440
Total Unused Capacity:	85,906	0	45,824	5,513
Total Excess Receipts:	0	(11,305)	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,036,902	2,997,696	2,941,274	0	0	0	0	0
Evening	3,038,163	8,983,470	2,975,292	0	0	0	0	0
Intraday 1	3,045,602	3,021,121	2,912,440	-19,328	0	0	0	0
Intraday 2	3,040,475	2,917,957	2,900,179	-112,084	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	2,970,222	2,941,018	2,887,064	0	0	0	0	0	62	62	62	0	0	0	0	0
Evening	2,970,365	8,799,418	2,914,609	0	0	0	0	0	62	186	62	0	0	0	0	0
Intraday 1	2,970,390	2,970,342	2,861,661	0	0	0	0	0	62	62	62	0	0	0	0	0
Intraday 2	2,965,263	2,867,395	2,849,622	-97,827	0	0	0	0	62	62	62	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	5,192	5,192	5,192	0	0	0	0	0	61,426	51,424	48,956	0	0	0	0	0
Evening	5,309	15,576	5,192	0	0	0	0	0	62,427	168,290	55,429	0	0	0	0	0
Intraday 1	5,309	5,192	5,192	0	0	0	0	0	69,841	45,525	45,525	-19,328	0	0	0	0
Intraday 2	10,309	5,192	5,192	-117	0	0	0	0	64,841	45,308	45,303	-14,140	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 schedule posted on 4/15/15 2:36PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	04/15/2015	TBD	Unplanned - Force Majeure Building safety investigation	250	255250
Storage Field - Inj	Goleta	04/10/2015	04/24/2015 11:59:59 PM PCT	Unplanned - Olive St. HP3 Lube Oil Pressure problem. (extended)	30	30630
Sub-Zone	TW-Topock/EP-Topock	03/28/2015	05/01/2015 11:59:59 PM PCT	Unplanned- MU4 main bearing replacement (extended)	40	40560
Storage Field - Inj	Playa del Rey	04/10/2015	06/05/2015 11:59:59 PM PCT	Planned - Hydrostatic testing.	75	76575
Storage Field - Inj	Aliso Canyon	04/01/2015	04/24/2015 11:59:59 PM PCT	Planned - MU#2 Rebuild - Cont. Extended Maint.	20	20420
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Storage Field - Inj	Aliso Canyon	04/01/2015	05/01/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840
<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>						
<p>Last updated: 04/15/2015 02:36:25 PM PCT</p>						

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,449,871	2,398,790	2,398,790	2,449,871
Injection Capacity	412,000	412,000	412,000	412,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,865,871	2,814,790	2,814,790	2,865,871
Latest On-System Scheduled Quantity	2,975,292	2,577,052	2,627,098	2,615,272
Total Unused Capacity:	0	237,738	187,692	250,599
Total Excess Receipts:	(109,421)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,710,000	2,630,843	2,577,052	0	0	0	0	0
Evening	2,719,780	2,673,095	2,627,098	0	0	0	0	0
Intraday 1	2,709,701	2,704,611	2,615,272	0	0	0	0	0
Intraday 2	2,709,701	2,704,611	2,615,272	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	2,554,818	2,507,387	2,465,255	0	0	0	0	0	32	32	0	0	0	0	0	0
Evening	2,554,817	2,536,410	2,507,497	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 1	2,554,666	2,554,609	2,475,853	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 2	2,554,666	2,554,609	2,475,853	0	0	0	0	0	32	32	32	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	1,953	1,953	1,953	0	0	0	0	0	153,197	121,471	109,844	0	0	0	0	
Evening	1,954	1,954	1,954	0	0	0	0	0	162,977	134,699	117,615	0	0	0	0	
Intraday 1	1,993	1,954	1,954	0	0	0	0	0	153,010	148,016	137,433	0	0	0	0	
Intraday 2	1,993	1,954	1,954	0	0	0	0	0	153,010	148,016	137,433	0	0	0	0	

There were no Pipeline Capacity Constraint reductions on Gas Day 04/17/2015
 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:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,063,260	2,063,260	2,063,260	2,063,260
Injection Capacity	412,000	412,000	463,000	463,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,479,260	2,479,260	2,530,260	2,530,260
Latest On-System Scheduled Quantity	2,627,098	2,402,989	2,443,313	2,390,175
Total Unused Capacity:	0	76,271	86,947	140,085
Total Excess Receipts:	(147,838)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,636,364	2,530,384	2,402,989	0	0	0	0	0
Evening	2,636,455	2,541,181	2,443,313	0	0	0	0	0
Intraday 1	2,630,455	2,530,260	2,390,175	-21,777	0	0	0	0
Intraday 2	2,619,434	2,530,258	2,366,401	-29,575	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	2,569,995	2,516,875	2,393,461	0	0	0	0	0	32	32	0	0	0	0	0	0
Evening	2,569,995	2,527,945	2,434,038	0	0	0	0	0	32	32	0	0	0	0	0	0
Intraday 1	2,569,995	2,527,168	2,387,083	-16,397	0	0	0	0	32	0	0	-32	0	0	0	0
Intraday 2	2,558,875	2,527,165	2,363,308	-14,271	0	0	0	0	32	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	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,990	1,990	106	0	0	0	0	0	64,347	11,487	9,422	0	0	0	0	0
Evening	1,990	1,990	106	0	0	0	0	0	64,438	11,214	9,169	0	0	0	0	0
Intraday 1	1,990	35	35	-1,955	0	0	0	0	58,438	3,057	3,057	-3,393	0	0	0	0
Intraday 2	2,110	35	35	-2,075	0	0	0	0	58,417	3,058	3,058	-13,229	0	0	0	0

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

Maintenance posted 04/17/15 2:45PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Area Zone	Needles/Topock Area Zone	06/01/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/18/2015	06/15/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Storage Field - Inj	Honor Rancho	04/15/2015	04/24/2015 11:59:59 PM PCT	Unplanned - Force Majeure Building safety investigation	250	255250
Storage Field - Inj	Goleta	04/10/2015	04/24/2015 11:59:59 PM PCT	Unplanned - Olive St. HP3 Lube Oil Pressure problem. (extended)	30	30630
Sub-Zone	TW-Topock/EP-Topock	03/28/2015	05/01/2015 11:59:59 PM PCT	Unplanned- MU4 main bearing replacement (extended)	40	40560
Storage Field - Inj	Playa del Rey	04/10/2015	06/05/2015 11:59:59 PM PCT	Planned - Hydrostatic testing.	75	76575
Storage Field - Inj	Aliso Canyon	04/01/2015	04/24/2015 11:59:59 PM PCT	Planned - MU#2 Rebuild - Cont. Extended Maint.	20	20420
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Storage Field - Inj	Aliso Canyon	04/01/2015	05/01/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840

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Last updated: 04/17/2015 02:45:04 PM PCT

Maintenance Schedule Posted 04/17/2015 4:04PM

Storage Field - Inj	Honor Rancho	04/15/2015	04/24/2015 11:59:59 PM PCT	Unplanned - Force Majeure Building safety investigation	200	204200
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,058,252	2,066,265	2,066,265	2,202,480
Injection Capacity	721,000	723,000	620,000	621,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,783,252	2,793,265	2,690,265	2,827,480
Latest On-System Scheduled Quantity	2,877,485	2,601,842	2,626,131	2,553,734
Total Unused Capacity:	0	191,423	64,134	273,746
Total Excess Receipts:	(94,233)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,706,507	2,668,085	2,601,842	0	0	0	0	0
Evening	2,706,539	2,694,399	2,626,131	0	0	0	0	0
Intraday 1	2,706,539	2,693,277	2,553,734	-3,987	0	0	0	0
Intraday 2	2,721,333	2,716,327	2,555,026	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	2,648,872	2,635,534	2,583,827	0	0	0	0	0	10,032	10,032	10,032	0	0	0	0	0
Evening	2,658,904	2,658,892	2,616,723	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 1	2,658,904	2,658,890	2,541,862	0	0	0	0	0	32	32	32	0	0	0	0	0
Intraday 2	2,652,703	2,652,691	2,538,489	0	0	0	0	0	32	32	32	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	1,997	1,997	1,997	0	0	0	0	0	45,606	20,522	5,986	0	0	0	0	0
Evening	1,997	1,997	1,997	0	0	0	0	0	45,606	33,478	7,379	0	0	0	0	0
Intraday 1	1,997	1,997	1,997	0	0	0	0	0	45,606	32,358	9,843	-3,987	0	0	0	0
Intraday 2	1,997	1,997	1,997	0	0	0	0	0	66,601	61,607	14,508	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 reduction in storage field injection capacity.

Maintenance posted 04/24/2015 6:47 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	04/24/2015	04/27/2015 11:59:59 PM PCT	Unplanned- MU 2 under speed issue	50	51050
Storage Field - Inj	Honor Rancho	04/24/2015	04/25/2015 11:59:59 PM PCT	Unplanned - MU 3 Rod bearing repair	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/24/2015	04/25/2015 11:59:59 PM PCT	Unplanned - Head gasket repair MU#14	55	55715
Storage Field - Wth	Goleta	04/29/2015	04/29/2015 11:59:59 PM PCT	Planned- Rewire condensing fan in dehy	340	347140
Storage Field - Inj	Aliso Canyon	04/01/2015	05/29/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/23/2015	TBD	Unplanned - Assess coupling issue on MU CAT2	173	175249
Storage Field - Inj	Honor Rancho	04/23/2015	04/24/2015 11:59:59 PM PCT	Unplanned - MU#4 Water jacket leak	50	51050
Storage Field - Inj	Goleta	04/28/2015	04/28/2015 11:59:59 PM PCT	Planned - Inspections and calibrations at Olive Street compressor station.	45	45945
Sub-Zone	EP-Ehrenberg/NBP-Blythe	05/11/2015	05/13/2015 11:59:59 PM PCT	Planned - PSEP valve project	100	101300
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Area Zone	Needles/Topock Area Zone	06/01/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/18/2015	06/15/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Sub-Zone	TW-Topock/EP-Topock	03/28/2015	05/01/2015 11:59:59 PM PCT	Unplanned- MU4 main bearing replacement (extended)	40	40560
Storage Field - Inj	Playa del Rey	04/10/2015	06/05/2015 11:59:59 PM PCT	Planned - Hydrostatic testing.	75	76575
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840

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Last updated: 04/24/2015 06:47:46 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,029,206	2,029,206	1,977,124	1,977,124
Injection Capacity	690,000	690,000	608,000	608,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	2,722,206	2,722,206	2,588,124	2,588,124
Latest On-System Scheduled Quantity	2,683,183	2,515,280	2,613,490	2,520,378
Total Unused Capacity:	39,023	206,926	0	67,746
Total Excess Receipts:	0	0	(25,366)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,598,159	2,584,408	2,515,280	0	0	0	0	0
Evening	2,660,848	2,652,098	2,613,490	0	0	0	0	0
Intraday 1	2,628,948	2,564,996	2,520,378	0	0	0	0	0
Intraday 2	2,585,272	2,576,514	2,531,311	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	2,441,792	2,436,737	2,372,884	0	0	0	0	0	66,043	66,043	66,043	0	0	0	0	0
Evening	2,451,079	2,451,024	2,415,076	0	0	0	0	0	66,043	66,043	66,043	0	0	0	0	0
Intraday 1	2,444,079	2,389,522	2,353,472	0	0	0	0	0	66,043	66,043	66,043	0	0	0	0	0
Intraday 2	2,414,620	2,414,559	2,373,080	0	0	0	0	0	66,043	66,043	66,043	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	3,549	3,549	3,549	0	0	0	0	0	86,775	78,079	72,804	0	0	0	0	0
Evening	3,549	3,549	3,549	0	0	0	0	0	140,177	131,482	128,822	0	0	0	0	0
Intraday 1	3,549	3,549	3,549	0	0	0	0	0	115,277	105,882	97,314	0	0	0	0	0
Intraday 2	3,580	3,580	3,580	0	0	0	0	0	101,029	92,332	88,608	0	0	0	0	0

A decrease in Injection Capacity due to maintenance resulted in declaration of OFO on Cycle 3.

Maintenance posted 05/09/2015 5:35 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	05/09/2015	05/13/2015 11:59:59 PM PCT	Unplanned - MU#2 Replace Head Liner	50	51050
Storage Field - Inj	Honor Rancho	05/12/2015	05/12/2015 11:59:59 PM PCT	Planned - Repair head on MU#5	50	51050
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Area Zone	Needles/Topock Area Zone	05/12/2015	06/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/23/2015	05/14/2015 11:59:59 PM PCT	Unplanned - Assess coupling issue on MU CAT2. (Extended)	173	175249
Storage Field - Inj	Goleta	05/19/2015	05/19/2015 11:59:59 PM PCT	Planned - Install New F-101 Absolute Coalescer Filter (No Injection or W/D)	60	61260
Storage Field - Wth	Goleta	05/19/2015	05/19/2015 11:59:59 PM PCT	Planned - Install New F-101 Absolute Coalescer Filter (No W/D or Injection)	340	347140
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Aliso Canyon	04/01/2015	05/29/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Area Zone	Needles/Topock Area Zone	06/01/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Storage Field - Inj	Playa del Rey	04/10/2015	06/05/2015 11:59:59 PM PCT	Planned - Hydrostatic testing.	75	76575
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

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Last updated: 05/09/2015 05:35:08 PM PCT

Maintenance Posted 05/09/2015 7:40 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	05/09/2015	05/11/2015 11:59:59 PM PCT	Unplanned - HP#2 Failed to Start	30	30630
Storage Field - Inj	Honor Rancho	05/09/2015	05/13/2015 11:59:59 PM PCT	Unplanned - MU#2 Replace Head Liner	50	51050
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Area Zone	Needles/Topock Area Zone	05/12/2015	06/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Sub-Zone	EP-Ehrenberg/NBP-Blythe	04/23/2015	05/14/2015 11:59:59 PM PCT	Unplanned - Assess coupling issue on MU CAT2. (Extended)	173	175249
Storage Field - Inj	Goleta	05/19/2015	05/19/2015 11:59:59 PM PCT	Planned - Install New F-101 Absolute Coalescer Filter (No Injection or W/D)	60	61260
Storage Field - Wth	Goleta	05/19/2015	05/19/2015 11:59:59 PM PCT	Planned - Install New F-101 Absolute Coalescer Filter (No W/D or Injection)	340	347140
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Aliso Canyon	04/01/2015	05/29/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Area Zone	Needles/Topock Area Zone	06/01/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Storage Field - Inj	Playa del Rey	04/10/2015	06/05/2015 11:59:59 PM PCT	Planned - Hydrostatic testing.	75	76575
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

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Last updated: 05/09/2015 07:40:10 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	1,978,125	1,957,092	1,957,092	1,863,945
Injection Capacity	641,000	692,000	692,000	330,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	2,622,125	2,652,092	2,652,092	2,196,945
Latest On-System Scheduled Quantity	2,681,830	2,344,846	2,393,636	2,392,821
Total Unused Capacity:	0	307,246	258,456	0
Total Excess Receipts:	(59,705)	0	0	(195,876)

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,459,632	2,389,845	2,344,846	0	0	0	0	0
Evening	2,456,622	2,451,334	2,393,636	0	0	0	0	0
Intraday 1	2,476,622	2,465,338	2,392,821	0	0	0	0	0
Intraday 2	2,476,622	2,196,945	2,184,644	-251,943	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	2,399,196	2,341,510	2,299,284	0	0	0	0	0	20,000	20,000	20,000	0	0	0	0	0
Evening	2,397,966	2,397,922	2,352,919	0	0	0	0	0	20,000	20,000	20,000	0	0	0	0	0
Intraday 1	2,397,966	2,391,926	2,341,989	0	0	0	0	0	20,000	20,000	20,000	0	0	0	0	0
Intraday 2	2,397,966	2,174,055	2,161,754	-212,033	0	0	0	0	20,000	10,000	10,000	-10,000	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	3,049	3,049	3,049	0	0	0	0	0	37,387	25,286	22,513	0	0	0	0	0
Evening	3,049	3,049	2,936	0	0	0	0	0	35,607	30,363	17,781	0	0	0	0	0
Intraday 1	3,049	3,049	3,049	0	0	0	0	0	55,607	50,363	27,783	0	0	0	0	0
Intraday 2	3,049	1,496	1,496	-1,553	0	0	0	0	55,607	11,394	11,394	-28,357	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 reduction in storage field injection capacity.

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

Maintenance posted 05/23/2015 11:52 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	05/23/2015	TBD	Force Majeure - K-25 OOS due to broken nose.	300	306300
Storage Field - Inj	Playa del Rey	05/22/2015	05/26/2015 11:59:59 PM PCT	Unplanned- Compressor Building valve leak repair	50	51050
Storage Field - Inj	Playa del Rey	05/22/2015	TBD	Planned- Overhaul CB6	25	25525
Storage Field - Inj	Aliso Canyon	05/26/2015	05/27/2015 11:59:59 PM PCT	Planned - Repair EGT harness on K-25	300	306300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	05/26/2015	05/28/2015 11:59:59 PM PCT	Planned - L2001 pipeline segment replacement	310	314030
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/12/2015	06/02/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	60	61260
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Aliso Canyon	04/01/2015	05/29/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	1,952,084	1,837,904	1,786,823	1,760,782
Injection Capacity	692,000	330,000	330,000	330,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	2,647,084	2,170,904	2,119,823	2,093,782
Latest On-System Scheduled Quantity	2,393,636	2,403,752	2,450,237	2,114,392
Total Unused Capacity:	253,448	0	0	0
Total Excess Receipts:	0	(232,848)	(330,414)	(20,610)

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,466,615	2,461,330	2,403,752	0	0	0	0	0
Evening	2,516,622	2,507,815	2,450,237	0	0	0	0	0
Intraday 1	2,516,622	2,119,823	2,114,392	-296,413	0	0	0	0
Intraday 2	2,485,882	2,093,781	2,083,299	-289,306	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	2,397,966	2,397,925	2,352,958	0	0	0	0	0	20,000	20,000	20,000	0	0	0	0	0
Evening	2,397,966	2,396,246	2,351,279	0	0	0	0	0	20,000	20,000	20,000	0	0	0	0	0
Intraday 1	2,397,966	2,086,837	2,081,406	-254,136	0	0	0	0	20,000	6,667	6,667	-13,333	0	0	0	0
Intraday 2	2,367,226	2,060,789	2,050,313	-230,979	0	0	0	0	20,000	6,667	6,667	-13,333	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	3,049	3,049	3,049	0	0	0	0	0	45,600	40,356	27,745	0	0	0	0	0
Evening	3,049	3,049	3,049	0	0	0	0	0	95,607	88,520	75,909	0	0	0	0	0
Intraday 1	3,049	1,016	1,016	-2,011	0	0	0	0	95,607	25,303	25,303	-26,933	0	0	0	0
Intraday 2	3,049	1,016	1,016	-2,033	0	0	0	0	95,607	25,309	25,303	-42,961	0	0	0	0

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

Maintenance Posted 05/23/2015 11:28AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	05/23/2015	TBD	Force Majeure - K-25 OOS due to broken nose.	300	306300
Storage Field - Inj	Playa del Rey	05/22/2015	05/26/2015 11:59:59 PM PCT	Unplanned- Compressor Building valve leak repair	50	51050
Storage Field - Inj	Playa del Rey	05/22/2015	TBD	Planned- Overhaul CB6	25	25525
Storage Field - Inj	Aliso Canyon	05/26/2015	05/27/2015 11:59:59 PM PCT	Planned - Repair EGT harness on K-25	300	306300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	05/26/2015	05/28/2015 11:59:59 PM PCT	Planned - L2001 pipeline segment replacement	310	314030
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/12/2015	06/02/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	60	61260
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Aliso Canyon	04/01/2015	05/29/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

Maintenance Posted 05/23/2015 11:52AM

Storage Field - Inj	Aliso Canyon	05/26/2015	05/27/2015 11:59:59 PM PCT	Planned - Repair EGT harness on K-25	300	306300
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Maintenance Posted 05/24/2015 10:28PM

Storage Field - Inj	Honor Rancho	05/24/2015	TBD	Unplanned- MU#3 control panel electrical damage.	50	51050
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	1,837,904	1,837,904	1,806,855	1,806,855
Injection Capacity	330,000	330,000	279,000	279,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	2,170,904	2,170,904	2,088,855	2,088,855
Latest On-System Scheduled Quantity	2,450,237	2,331,675	2,360,399	2,056,639
Total Unused Capacity:	0	0	0	32,216
Total Excess Receipts:	(279,333)	(160,771)	(271,544)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,552,625	2,399,323	2,331,675	0	0	0	0	0
Evening	2,618,827	2,436,259	2,360,399	0	0	0	0	0
Intraday 1	2,615,740	2,088,856	2,056,639	-361,478	0	0	0	0
Intraday 2	2,426,188	2,088,854	1,967,322	-130,283	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	2,438,976	2,342,624	2,277,011	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Evening	2,425,898	2,339,922	2,266,095	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Intraday 1	2,413,305	2,057,419	2,025,202	-234,676	0	0	0	0	5,000	1,667	1,667	-3,333	0	0	0	0
Intraday 2	2,226,042	2,057,413	1,935,886	-40,393	0	0	0	0	5,000	1,667	1,667	-3,333	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	3,049	3,017	3,017	0	0	0	0	0	105,600	48,682	46,647	0	0	0	0	0
Evening	3,049	3,017	3,017	0	0	0	0	0	184,880	88,320	86,287	0	0	0	0	0
Intraday 1	3,049	1,006	1,006	-2,011	0	0	0	0	194,386	28,764	28,764	-121,458	0	0	0	0
Intraday 2	3,049	1,006	1,006	-2,011	0	0	0	0	192,097	28,768	28,763	-84,546	0	0	0	0

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

Home	Allocations	Capacity Utilization	OFO Ledger	Operating Capacity	Extend Cycle	Subscriber	Ma
OFO Calculation - 05/26/2015 Today Tomorrow Flow Date: 05/26/2015 GO Description of OFO Calculation Archive High OFO Event History							
		Timely	Evening	Intraday 1	Intraday 2		
OFO Declared:		High OFO	High OFO	High OFO	High OFO		
High OFO Calculation							
Forecasted Send Out		2,024,198	2,019,190	2,123,355	2,123,355		
Injection Capacity		279,000	279,000	330,000	330,000		
Latest Off-System Scheduled Quantity		3,000	3,000	3,000	3,000		
Net System Capacity:		2,306,198	2,301,190	2,456,355	2,456,355		
Latest On-System Scheduled Quantity		2,360,399	2,368,281	2,185,820	2,172,976		
Total Unused Capacity:		0	0	270,535	283,379		
Total Excess Receipts:		(54,201)	(67,091)	0	0		

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,656,615	2,438,766	2,368,281	0	0	0	0	0
Evening	2,716,547	2,474,486	2,185,820	0	0	0	0	0
Intraday 1	2,718,352	2,456,355	2,172,976	-70,648	0	0	0	0
Intraday 2	2,579,846	2,456,358	2,203,419	-77,130	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	2,458,312	2,348,528	2,280,501	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Evening	2,458,312	2,331,986	2,045,353	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Intraday 1	2,457,296	2,405,387	2,122,008	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Intraday 2	2,442,842	2,405,390	2,152,451	-36,336	0	0	0	0	5,000	5,000	5,000	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	3,049	3,017	3,017	0	0	0	0	0	190,254	82,221	79,763	0	0	0	0	0
Evening	3,049	3,017	3,017	0	0	0	0	0	250,186	134,483	132,450	0	0	0	0	0
Intraday 1	3,049	1,816	1,816	-1,208	0	0	0	0	253,007	44,152	44,152	-69,440	0	0	0	0
Intraday 2	3,049	1,816	1,816	-1,233	0	0	0	0	128,955	44,152	44,152	-39,561	0	0	0	0

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

Maintenance posted 05/25/2015 5:50 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	05/24/2015	05/25/2015 05:50:32 PM PCT	Unplanned- MU#3 control panel electrical damage-	50	51050
Storage Field - Inj	Aliso Canyon	05/23/2015	TBD	Force Majeure - K-25 OOS due to broken nose.	300	306300
Storage Field - Inj	Playa del Rey	05/22/2015	05/26/2015 11:59:59 PM PCT	Unplanned- Compressor Building valve leak repair	50	51050
Storage Field - Inj	Playa del Rey	05/22/2015	TBD	Planned- Overhaul CB6	25	25525
Sub-Zone	EP-Ehrenberg/NBP-Blythe	05/26/2015	05/28/2015 11:59:59 PM PCT	Planned - L2001 pipeline segment replacement	310	314030
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/12/2015	06/02/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	60	61260
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Aliso Canyon	04/01/2015	05/29/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,071,273	2,071,273	2,071,273	2,071,273
Injection Capacity	382,000	408,000	408,000	439,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	2,456,273	2,482,273	2,482,273	2,513,273
Latest On-System Scheduled Quantity	2,476,462	2,275,072	2,318,631	2,298,717
Total Unused Capacity:	0	207,201	163,642	214,556
Total Excess Receipts:	(20,189)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,506,643	2,413,968	2,275,072	0	0	0	0	0
Evening	2,512,947	2,471,779	2,318,631	0	0	0	0	0
Intraday 1	2,529,094	2,482,283	2,298,717	-32,929	0	0	0	0
Intraday 2	2,519,617	2,512,600	2,305,182	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	2,387,331	2,344,271	2,207,379	0	0	0	0	0	20,978	20,978	20,978	0	0	0	0	0
Evening	2,387,332	2,380,425	2,242,512	0	0	0	0	0	20,978	20,978	20,978	0	0	0	0	0
Intraday 1	2,405,804	2,404,442	2,241,528	0	0	0	0	0	20,978	20,978	20,978	0	0	0	0	0
Intraday 2	2,404,320	2,402,569	2,229,605	0	0	0	0	0	20,978	20,978	20,978	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	463	431	431	0	0	0	0	0	97,871	48,288	46,284	0	0	0	0	0
Evening	463	463	463	0	0	0	0	0	104,174	69,913	54,678	0	0	0	0	0
Intraday 1	463	463	463	0	0	0	0	0	101,849	56,400	35,748	-32,929	0	0	0	0
Intraday 2	463	463	463	0	0	0	0	0	93,856	88,590	54,136	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.

Maintenance posted 05/28/2015 2:40PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Playa del Rey	05/22/2015	05/28/2015 02:39:59 PM PCT	Planned - Overhaul CB6	25	25625
Storage Field - Inj	Aliso Canyon	05/23/2015	06/05/2015 11:59:59 PM PCT	Force Majeure - K-25 down for internal damage repairs	300	306300
Storage Field - Wth	Playa del Rey	05/26/2015	05/28/2015 11:59:59 PM PCT	Vapor system recovery repair	340	347140
Sub-Zone	EP-Ehrenberg/NBP-Blythe	05/26/2015	05/28/2015 11:59:59 PM PCT	Planned - L2001 pipeline segment replacement	310	314030
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/12/2015	06/02/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	60	61260
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Aliso Canyon	04/01/2015	05/29/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

Maintenance posted 05/29/2015 9:57AM

Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840
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Maintenance posted 05/29/2015 11:42AM

Storage Field - Inj	Aliso Canyon	04/01/2015	06/12/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,202,480	2,200,477	2,097,314	2,123,355
Injection Capacity	439,000	439,000	439,000	387,000
Latest Off-System Scheduled Quantity	3,000	5,000	5,000	5,000
Net System Capacity:	2,644,480	2,644,477	2,541,314	2,515,355
Latest On-System Scheduled Quantity	2,355,171	2,389,520	2,584,041	2,460,636
Total Unused Capacity:	289,309	254,957	0	54,719
Total Excess Receipts:	0	0	(42,727)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,685,219	2,655,337	2,389,520	0	0	0	0	0
Evening	2,690,406	2,684,411	2,584,041	0	0	0	0	0
Intraday 1	2,641,836	2,541,314	2,460,636	-93,844	0	0	0	0
Intraday 2	2,621,870	2,455,354	2,452,819	-135,503	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	2,611,854	2,587,670	2,329,490	0	0	0	0	0	10,183	10,183	10,183	0	0	0	0	0
Evening	2,617,041	2,616,744	2,520,221	0	0	0	0	0	10,183	10,183	10,183	0	0	0	0	0
Intraday 1	2,553,729	2,520,039	2,439,361	-32,583	0	0	0	0	3,395	3,395	3,395	0	0	0	0	0
Intraday 2	2,553,763	2,434,078	2,431,543	-107,617	0	0	0	0	3,395	3,395	3,395	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	3,109	3,109	3,109	0	0	0	0	0	60,073	54,375	46,738	0	0	0	0	0
Evening	3,109	3,109	3,109	0	0	0	0	0	60,073	54,375	50,528	0	0	0	0	0
Intraday 1	1,037	1,036	1,036	0	0	0	0	0	83,675	16,844	16,844	-61,261	0	0	0	0
Intraday 2	1,037	1,036	1,036	0	0	0	0	0	63,675	16,845	16,845	-27,886	0	0	0	0

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

Maintenance posted 06/01/2015 10:45 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	06/01/2015	06/01/2015 11:59:59 PM PCT	Force Majeure - Main unit #4 out of service high main bearing temp. investigation.	50	51050
Storage Field - Inj	Aliso Canyon	04/01/2015	06/12/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840
Storage Field - Inj	Aliso Canyon	05/23/2015	06/05/2015 11:59:59 PM PCT	Force Majeure - K-25 down for internal damage repairs	300	306300
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/12/2015	06/02/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	60	61260
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

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Last updated: 06/01/2015 10:45:55 AM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,118,347	2,143,387	2,071,273	2,071,273
Injection Capacity	439,000	379,000	439,000	439,000
Latest Off-System Scheduled Quantity	5,000	5,000	5,000	5,000
Net System Capacity:	2,562,347	2,527,387	2,515,273	2,515,273
Latest On-System Scheduled Quantity	2,584,041	2,350,675	2,368,745	2,379,250
Total Unused Capacity:	0	176,712	146,528	136,023
Total Excess Receipts:	(21,694)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,514,811	2,494,265	2,350,675	0	0	0	0	0
Evening	2,514,812	2,506,669	2,368,745	0	0	0	0	0
Intraday 1	2,524,325	2,515,279	2,379,250	-3,450	0	0	0	0
Intraday 2	2,525,029	2,515,282	2,369,527	-4,161	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	2,465,207	2,450,255	2,308,117	0	0	0	0	0	79	79	79	0	0	0	0	0
Evening	2,465,208	2,462,659	2,326,187	0	0	0	0	0	79	79	79	0	0	0	0	0
Intraday 1	2,465,194	2,465,184	2,329,157	0	0	0	0	0	79	79	79	0	0	0	0	0
Intraday 2	2,465,898	2,465,180	2,321,178	-717	0	0	0	0	79	79	79	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	5,405	5,380	5,380	0	0	0	0	0	44,120	38,551	37,099	0	0	0	0	0
Evening	5,405	5,380	5,380	0	0	0	0	0	44,120	38,551	37,099	0	0	0	0	0
Intraday 1	5,405	5,380	5,380	0	0	0	0	0	53,647	44,636	44,634	-3,450	0	0	0	0
Intraday 2	5,405	5,381	5,381	0	0	0	0	0	53,647	44,642	42,889	-3,444	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 06/01/2015 01:04 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	06/01/2015	TBD	Force Majeure - Popco off due to analyzer failure.	60	61260
Storage Field - Inj	Honor Rancho	06/01/2015	06/01/2015 11:59:59 PM PCT	Force Majeure - Main unit #4 out of service high main bearing temp. investigation.	50	51050
Storage Field - Inj	Aliso Canyon	04/01/2015	06/12/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840
Storage Field - Inj	Aliso Canyon	05/23/2015	06/05/2015 11:59:59 PM PCT	Force Majeure - K-25 down for internal damage repairs	300	306300
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Area Zone	Needles/Topock Area Zone	05/12/2015	06/02/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline strength testing.	80	81120
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	60	61260
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

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Last updated: 06/01/2015 01:04:46 PM PCT

Maintenance posted 06/01/2015 03:26 PM

Storage Field - Inj	Goleta	06/01/2015	TBD	Force Majeure - Popco off due to analyzer failure.	30	30630
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Maintenance posted 06/01/2015 08:09 PM PM

Storage Field - Inj	Goleta	06/01/2015	06/01/2015 08:09:23 PM PGT	Force Majeure - Popco off due to analyzer failure.	30	30630
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,107,330	2,107,330	2,107,330	2,107,330
Injection Capacity	439,000	439,000	439,000	439,000
Latest Off-System Scheduled Quantity	5,000	5,000	5,000	5,000
Net System Capacity:	2,551,330	2,551,330	2,551,330	2,551,330
Latest On-System Scheduled Quantity	2,493,265	2,560,570	2,588,556	2,513,142
Total Unused Capacity:	58,065	0	0	38,188
Total Excess Receipts:	0	(9,240)	(37,226)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	2,691,542	2,657,104	2,560,570	0	0	0	0	-26,519
Evening	2,701,262	2,671,670	2,588,556	0	0	0	0	-24,017
Intraday 1	2,701,262	2,551,330	2,513,142	-120,232	0	0	0	-24,018
Intraday 2	2,692,779	2,500,280	2,498,383	-162,102	0	0	0	-21,336

- 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	2,650,444	2,621,575	2,530,741	0	0	0	0	-26,519	1,022	1,022	79	0	0	0	0	0
Evening	2,660,164	2,636,142	2,557,679	0	0	0	0	-24,017	1,022	1,022	79	0	0	0	0	0
Intraday 1	2,660,164	2,541,037	2,502,849	-95,106	0	0	0	-24,018	1,022	26	26	-996	0	0	0	0
Intraday 2	2,655,635	2,489,987	2,488,090	-141,077	0	0	0	-21,336	1,022	26	26	-996	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	3,166	3,166	3,166	0	0	0	0	0	36,910	31,341	26,584	0	0	0	0	0
Evening	3,166	3,166	3,166	0	0	0	0	0	36,910	31,340	27,632	0	0	0	0	0
Intraday 1	3,166	1,055	1,055	-2,111	0	0	0	0	36,910	9,212	9,212	-22,019	0	0	0	0
Intraday 2	3,816	1,055	1,055	-2,761	0	0	0	0	32,306	9,212	9,212	-17,268	0	0	0	0

* CCR-C cuts were due to customer over nominations

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

Maintenance posted 06/05/2015 3:23 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	06/05/2015	06/08/2015 11:59:59 PM PCT	Unplanned - Olive St. HP#2 repair waste gate and starter	30	30630
Storage Field - Inj	Honor Rancho	06/05/2015	06/09/2015 11:59:59 PM PCT	Unplanned - MU #3 water jacket liner replacement	50	51050
Zone	Wheeler Ridge Zone	06/08/2015	06/09/2015 11:59:59 PM PCT	Planned - Restriction in capacity due to pipeline remediation from internal line inspection (ILI) validation dig.	75	77625
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	90	91890
Storage Field - Inj	Goleta	06/08/2015	06/09/2015 11:59:59 PM PCT	Planned - Pipeline remediation from internal Line Inspection (ILI) validation dig.	90	91890
Storage Field - Inj	Aliso Canyon	05/23/2015	06/08/2015 11:59:59 PM PCT	Force Majeure - K-25 down for internal damage repairs	300	306300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/12/2015	06/14/2015 11:59:59 PM PCT	Planned - Pipeline replacement.	250	253250
Storage Field - Inj	Aliso Canyon	04/01/2015	06/12/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	1,942,068	1,921,035	1,993,149	1,993,149
Injection Capacity	439,000	387,950	356,000	356,000
Latest Off-System Scheduled Quantity	5,000	5,000	5,000	5,000
Net System Capacity:	2,386,068	2,313,985	2,354,149	2,354,149
Latest On-System Scheduled Quantity	2,588,556	2,346,946	2,295,638	2,198,346
Total Unused Capacity:	0	0	58,511	155,803
Total Excess Receipts:	(202,488)	(32,961)	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,579,453	2,492,324	2,346,946	0	0	0	0	0
Evening	2,579,452	2,481,332	2,295,638	0	0	0	0	0
Intraday 1	2,567,845	2,354,149	2,198,346	-146,559	0	0	0	0
Intraday 2	2,557,909	2,354,149	2,180,843	-175,373	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	2,517,302	2,478,195	2,338,461	0	0	0	0	0	79	79	79	0	0	0	0	0
Evening	2,517,301	2,471,378	2,287,694	0	0	0	0	0	79	79	79	0	0	0	0	0
Intraday 1	2,517,301	2,351,500	2,195,697	-136,873	0	0	0	0	79	27	27	-52	0	0	0	0
Intraday 2	2,507,365	2,351,500	2,178,194	-148,756	0	0	0	0	79	27	27	-52	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	3,477	3,477	3,477	0	0	0	0	0	58,595	10,573	4,929	0	0	0	0	0
Evening	3,477	3,477	3,477	0	0	0	0	0	58,595	6,398	4,388	0	0	0	0	0
Intraday 1	3,477	1,159	1,159	-2,318	0	0	0	0	46,988	1,463	1,463	-7,316	0	0	0	0
Intraday 2	3,477	1,159	1,159	-2,318	0	0	0	0	46,988	1,463	1,463	-24,247	0	0	0	0

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

Maintenance posted 06/05/2015 1:59 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	06/05/2015	06/09/2015 11:59:59 PM PCT	Unplanned - M/U #3 water jacket liner replacement	50	51050
Zone	Wheeler Ridge Zone	06/08/2015	06/09/2015 11:59:59 PM PCT	Planned - Restriction in capacity due to pipeline remediation from internal line inspection (ILI) validation dig.	75	77625
Storage Field - Inj	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project	90	91890
Storage Field - Inj	Goleta	06/08/2015	06/09/2015 11:59:59 PM PCT	Planned - Pipeline remediation from internal Line Inspection (ILI) validation dig.	90	91890
Storage Field - Inj	Aliso Canyon	05/23/2015	06/08/2015 11:59:59 PM PCT	Force Majeure - K-25 down for internal damage repairs	300	306300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/12/2015	06/14/2015 11:59:59 PM PCT	Planned - Pipeline replacement.	250	253250
Storage Field - Inj	Aliso Canyon	04/01/2015	06/12/2015 11:59:59 PM PCT	Planned - KVS 4 & 5 cooler upgrades	40	40840
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	40	40840
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Storage Field - Inj	Honor Rancho	05/14/2015	06/19/2015 11:59:59 PM PCT	Unplanned - MU #2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	06/08/2015	06/15/2015 11:59:59 PM PCT	Planned - L2001 section replacement.	135	136755
Storage Field - Wth	Goleta	07/13/2015	07/16/2015 11:59:59 PM PCT	Planned - Filter and platform placement project.	340	347140
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Area Zone	Needles/Topock Area Zone	06/15/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley.	50	50700
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)

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Last updated: 06/05/2015 01:59:08 PM PCT

Maintenance posted on 06/05/2015 3:23 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Goleta	06/05/2015	06/08/2015 11:59:59 PM PCT	Unplanned - Olive St. HP#2 repair waste gate and starter	30	30630

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,517,676	2,517,676	2,351,433	2,351,433
Injection Capacity	737,000	425,000	425,000	425,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	3,261,676	2,949,676	2,783,433	2,783,433
Latest On-System Scheduled Quantity	2,888,296	2,939,542	2,868,910	2,678,872
Total Unused Capacity:	373,380	10,134	0	104,561
Total Excess Receipts:	0	0	(85,477)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	*CCR-R	*CCR-Z	*CCR-A
Timely	3,435,436	3,011,440	2,939,542	0	-48,422	-32,667	-202,274	-134,994
Evening	3,286,375	3,043,382	2,868,910	0	-70,760	-32,667	0	-134,994
Intraday 1	3,245,063	2,783,425	2,678,872	-252,543	-46,494	-15,862	0	-96,344
Intraday 2	3,124,751	2,783,433	2,729,070	-165,767	-44,661	-19,144	0	-97,009

- 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	2,807,212	2,592,137	2,531,260	0	-48,422	-31,665	0	-134,922	2,846	2,846	2,846	0	0	0	0	0
Evening	3,006,445	2,791,389	2,637,857	0	-48,422	-31,665	0	-134,922	2,846	2,846	2,845	0	0	0	0	0
Intraday 1	3,029,618	2,706,404	2,601,851	-152,604	-46,494	-9,864	0	-96,272	2,847	948	948	-1,897	0	0	0	0
Intraday 2	2,958,139	2,706,411	2,652,049	-91,974	-44,661	-13,146	0	-97,009	2,847	948	948	-1,897	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	45,546	45,497	45,497	0	0	0	0	0	579,832	370,960	359,939	0	0	-1,002	-202,274	-72
Evening	45,546	45,546	45,236	0	0	0	0	0	231,538	203,601	182,972	0	-22,338	-1,002	0	-72
Intraday 1	97,454	15,081	15,081	-74,231	0	0	0	0	115,144	60,992	60,992	-23,811	0	-5,998	0	-72
Intraday 2	70,889	15,082	15,081	-55,804	0	0	0	0	92,876	60,992	60,992	-16,092	0	-5,998	0	0

* CCR-S cuts were due to overnomination and capacity constraints at the Kern River/Mojave Kramer Junction Receipt Point caused by maintenance.
 * CCR-R cuts were due to capacity constraints at the Kern River/Mojave Kramer Junction Receipt Point caused by maintenance.
 * CCR-Z cuts were due to customer over nomination within the Wheeler Ridge Zone.
 * CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.
 * CCR-C cuts were due to customer over nominations, decrease of injection capacity and reduction in Forecasted Send Out.

Mainternance posted 07/08/2015 at 11:07 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	07/07/2015	07/12/2015 11:59:59 PM PCT	Unplanned- K 25 vibration issue	300	306300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/13/2015	07/15/2015 11:59:59 PM PCT	Planned - Pressure limiting station valve upgrade.	150	151950
Storage Field - Inj	Honor Rancho	05/14/2015	07/31/2015 11:59:59 PM PCT	Unplanned - Main Unit 2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/10/2015	07/12/2015 11:59:59 PM PCT	Planned - New valve installation.	250	253250
Storage Field - Wth	Goleta	07/12/2015	07/19/2015 11:59:59 PM PCT	Planned - High Inventory Shut In	340	347140
Storage Field - Inj	Goleta	07/12/2015	07/19/2015 11:59:59 PM PCT	Planned - High Inventory Shut In	60	61260
Storage Field - Inj	Playa del Rey	06/10/2015	07/26/2015 11:59:59 PM PCT	Unplanned- CB #8 LP Compressor valve repair.	25	25525
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Receipt Point	KR/MO-Kramer Junction	06/14/2015	11/01/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Reduction required due to ongoing pipeline outages.	150	155250
Area Zone	Needles/Topock Area Zone	06/12/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Work scheduled for completion 2nd Quarter 2016.	200	202800
Zone	CP-Line 85	02/24/2015	08/25/2015 11:59:59 PM PCT	Planned - Newhall station PSEP pipe replacement.	40	46000
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

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Last updated: 07/08/2015 11:07:41 AM PDT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,341,418	2,341,418	2,289,342	2,241,272
Injection Capacity	425,000	425,000	425,000	426,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,773,418	2,773,418	2,721,342	2,674,272
Latest On-System Scheduled Quantity	2,868,910	2,564,161	2,614,946	2,619,871
Total Unused Capacity:	0	209,257	106,396	54,401
Total Excess Receipts:	(95,492)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	2,887,828	2,645,690	2,564,161	0	-32,157	0	0	-126,680
Evening	2,904,457	2,694,256	2,614,946	0	-38,825	0	0	-133,656
Intraday 1	2,855,205	2,696,576	2,619,871	0	-33,792	0	0	-105,843
Intraday 2	2,837,735	2,674,272	2,606,153	-4,333	-33,848	0	0	-106,270

- 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	2,761,833	2,553,450	2,496,871	0	-31,155	0	0	-126,680	36	36	36	0	0	0	0	0
Evening	2,756,972	2,568,472	2,515,529	0	-32,962	0	0	-133,656	36	35	35	0	0	0	0	0
Intraday 1	2,719,996	2,571,756	2,519,248	0	-27,929	0	0	-105,843	36	36	36	0	0	0	0	0
Intraday 2	2,701,895	2,554,230	2,508,295	-2,701	-27,985	0	0	-106,270	36	36	36	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	42,690	33,478	33,475	0	0	0	0	0	83,269	58,726	33,779	0	-1,002	0	0	0
Evening	47,551	47,551	47,548	0	0	0	0	0	99,898	78,198	51,834	0	-5,863	0	0	0
Intraday 1	62,782	62,782	62,782	0	0	0	0	0	72,391	62,002	37,805	0	-5,863	0	0	0
Intraday 2	63,413	62,782	62,782	-631	0	0	0	0	72,391	57,224	35,040	-1,001	-5,863	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-S cuts were due to overnomination and capacity constraints at the Kern River/Mojave Kramer Junction Receipt Point caused by maintenance.
 * CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.
 * CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

Maintenance posted 07/10/2015 10:34AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - With	Playa del Rey	07/09/2015	07/10/2015 10:33:50 AM PCT	Unplanned - Dehydration unit out of service.	340	347140
Storage Field - Inj	Aliso Canyon	07/07/2015	07/12/2015 11:59:59 PM PCT	Unplanned- K 25 turbine unit vibration/out of balance investigation.	300	306300
Storage Field - Inj	Aliso Canyon	07/13/2015	07/15/2015 11:59:59 PM PCT	Planned - K-25 turbine unit replacement due to vibration issues.	300	306300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/13/2015	07/15/2015 11:59:59 PM PCT	Planned - Pressure limiting station valve upgrade.	150	151950
Storage Field - Inj	Honor Rancho	05/14/2015	07/31/2015 11:59:59 PM PCT	Unplanned - Main Unit 2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/10/2015	07/12/2015 11:59:59 PM PCT	Planned - New valve installation.	250	253250
Storage Field - With	Goleta	07/12/2015	07/19/2015 11:59:59 PM PCT	Planned - High Inventory Shut In	340	347140
Storage Field - Inj	Goleta	07/12/2015	07/19/2015 11:59:59 PM PCT	Planned - High Inventory Shut In	60	61260
Storage Field - Inj	Playa del Rey	06/10/2015	07/26/2015 11:59:59 PM PCT	Unplanned- CB #8 LP Compressor valve repair.	25	25525
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Receipt Point	KR/MO-Kramer Junction	06/14/2015	11/01/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Reduction required due to ongoing pipeline outages.	150	155250
Area Zone	Needles/Topock Area Zone	06/12/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Work scheduled for completion 2nd Quarter 2016.	200	202800
Zone	CP-Line 85	02/24/2015	08/25/2015 11:59:59 PM PCT	Planned - Newhall station PSEP pipe replacement.	40	46000
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Storage Field - With	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)

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Last updated: 07/10/2015 10:34:05 AM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,055,000	1,985,899	2,032,968	2,030,965
Injection Capacity	425,000	426,000	426,000	426,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,487,000	2,418,899	2,465,968	2,463,965
Latest On-System Scheduled Quantity	2,614,946	2,286,669	2,311,913	2,299,252
Total Unused Capacity:	0	132,230	154,055	164,713
Total Excess Receipts:	(127,946)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	2,668,894	2,569,109	2,286,669	0	0	0	0	-25,088
Evening	2,668,894	2,599,906	2,316,913	0	0	0	0	-27,417
Intraday 1	2,631,528	2,463,965	2,299,252	-122,775	0	0	0	-16,760
Intraday 2	2,619,537	2,463,965	2,288,390	-120,682	0	0	0	-27,593

- 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	2,596,144	2,537,819	2,260,742	0	0	0	0	-25,088	36	35	35	0	0	0	0	0
Evening	2,596,144	2,546,201	2,267,874	0	0	0	0	-27,417	36	35	35	0	0	0	0	0
Intraday 1	2,563,730	2,447,617	2,282,904	-76,882	0	0	0	-16,760	36	12	12	-23	0	0	0	0
Intraday 2	2,546,270	2,447,616	2,272,041	-70,289	0	0	0	-27,593	36	12	12	-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	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	15,262	8,626	8,626	0	0	0	0	0	57,452	22,629	17,266	0	0	0	0	0
Evening	15,262	15,262	15,262	0	0	0	0	0	57,452	38,408	33,742	0	0	0	0	0
Intraday 1	18,457	5,088	5,088	-13,370	0	0	0	0	49,305	11,248	11,248	-32,500	0	0	0	0
Intraday 2	19,061	5,089	5,089	-13,973	0	0	0	0	54,170	11,248	11,248	-36,396	0	0	0	0

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

Maintenance posted 07/10/2015 10:34AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Wth	Playa del Rey	07/09/2015	07/10/2015 10:33:50 AM PCT	Unplanned - Dehydration unit out of service.	340	347140
Storage Field - Inj	Aliso Canyon	07/07/2015	07/12/2015 11:59:59 PM PCT	Unplanned- K 25 turbine unit vibration/out of balance investigation.	300	306300
Storage Field - Inj	Aliso Canyon	07/13/2015	07/15/2015 11:59:59 PM PCT	Planned - K-25 turbine unit replacement due to vibration issues.	300	306300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/13/2015	07/15/2015 11:59:59 PM PCT	Planned - Pressure limiting station valve upgrade.	150	151950
Storage Field - Inj	Honor Rancho	05/14/2015	07/31/2015 11:59:59 PM PCT	Unplanned - Main Unit 2 piston liner replacements.	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	07/10/2015	07/12/2015 11:59:59 PM PCT	Planned - New valve installation.	250	253250
Storage Field - Wth	Goleta	07/12/2015	07/19/2015 11:59:59 PM PCT	Planned - High Inventory Shut In	340	347140
Storage Field - Inj	Goleta	07/12/2015	07/19/2015 11:59:59 PM PCT	Planned - High Inventory Shut In	60	61260
Storage Field - Inj	Playa del Rey	06/10/2015	07/26/2015 11:59:59 PM PCT	Unplanned- CB #8 LP Compressor valve repair.	25	25525
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Receipt Point	KR/MO-Kramer Junction	06/14/2015	11/01/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Reduction required due to ongoing pipeline outages.	150	155250
Area Zone	Needles/Topock Area Zone	06/12/2015	TBD	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Work scheduled for completion 2nd Quarter 2016.	200	202800
Zone	CP-Line 85	02/24/2015	08/25/2015 11:59:59 PM PCT	Planned - Newhall station PSEP pipe replacement.	40	46000
Area Zone	Needles/Topock Area Zone	06/03/2015	10/01/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation and hydrotesting between Newberry Compressor Station and Cajon.	540	547560
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project.	750	765750
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)

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Last updated: 07/10/2015 10:34:05 AM PCT

OFO Calculation - 08/08/2015 Today Tomorrow Flow Date: 08/08/2015 GO Description of OFO Calculation Archive High OFO Event Hist				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,280,329	2,280,329	2,177,179	2,183,187
Injection Capacity	631,000	622,000	621,000	674,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	2,919,329	2,910,329	2,806,179	2,865,187
Latest On-System Scheduled Quantity	2,930,630	2,666,856	2,754,360	2,669,379
Total Unused Capacity:	0	243,473	51,819	195,808
Total Excess Receipts:	(11,301)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	2,948,738	2,775,860	2,666,856	0	0	0	0	-48,321
Evening	2,899,588	2,814,857	2,754,360	0	0	0	0	-38,148
Intraday 1	2,873,215	2,806,182	2,669,379	0	0	0	0	-30,910
Intraday 2	2,851,122	2,801,674	2,661,241	0	0	0	0	-37,632

- 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	2,736,063	2,582,694	2,476,877	0	0	0	0	-48,321	44	44	44	0	0	0	0	0
Evening	2,792,941	2,713,806	2,655,526	0	0	0	0	-38,148	44	44	44	0	0	0	0	0
Intraday 1	2,765,422	2,716,381	2,581,581	0	0	0	0	-30,910	44	44	44	0	0	0	0	0
Intraday 2	2,743,329	2,699,476	2,561,046	0	0	0	0	-37,632	44	44	44	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	73,338	73,338	73,338	0	0	0	0	0	139,293	119,784	116,597	0	0	0	0	0
Evening	42,189	42,189	42,189	0	0	0	0	0	64,414	58,818	56,601	0	0	0	0	0
Intraday 1	44,055	44,055	44,055	0	0	0	0	0	63,694	45,702	43,699	0	0	0	0	0
Intraday 2	44,055	44,055	44,055	0	0	0	0	0	63,694	58,099	56,096	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.

Maintenance posted 8/7/2015 7:48 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	05/14/2015	08/07/2015 07:48:41 AM PCT	Unplanned - Main Unit 2 piston liner replacements.	50	51050
Storage Field - Wth	Playa del Rey	08/06/2015	08/07/2015 11:59:59 PM PCT	Unplanned - No W/D V-133 liquid line leak	340	347140
Storage Field - Inj	Honor Rancho	08/04/2015	08/11/2015 11:59:59 PM PCT	Unplanned - MU #3 OOS - Repair compressor leak	50	51050
Storage Field - Inj	Playa del Rey	08/05/2015	12/31/2015 11:59:59 PM PCT	Unplanned - Field full. No injection capacity.	75	76575
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project .	750	765750
Area Zone	Needles/Topock Area Zone	06/03/2015	08/28/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation between Newberry Compressor Station and Cajon. See Critical Notice posted 7/15/2015 for further details.	540	547560
Receipt Point	KR/MO-Kramer Junction	06/14/2015	08/28/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Reduction required due to ongoing pipeline outages. See Critical Notice posted 7/15/15 for further details.	150	155250
Area Zone	Needles/Topock Area Zone	06/12/2015	08/28/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. See Critical Notice posted 7/15/15 for further details.	200	202800
Area Zone	Needles/Topock Area Zone	08/29/2015	TBD	Planned - Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Zone	CP-Line 85	02/24/2015	08/25/2015 11:59:59 PM PCT	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

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Last updated: 08/07/2015 07:48:49 AM PCT

Maintenance posted 8/7/2015 12:02 PM

Storage Field - Inj	Goleta	08/08/2015	TBD	Planned - Field full	60	61260
Storage Field - Inj	Playa del Rey	08/14/2015	09/04/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild	25	25525
Storage Field - Inj	Playa del Rey	08/05/2015	08/13/2015 11:59:59 PM PCT	Unplanned - Field full. No injection capacity.	75	76575

Maintenance posted 8/8/2015 9:24 AM

Storage Field - Inj	Honor Rancho	08/04/2015	08/08/2015 09:24:22 AM PCT	Unplanned - MU #3 OOS - Repair compressor leak	50	51050
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ATTACHMENT 1B

TO

**MAY 19, 2016
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,125,103	2,131,111	2,131,111	2,131,111
Injection Capacity	621,000	674,000	674,000	674,000
Latest Off-System Scheduled Quantity	8,000	8,000	8,000	8,000
Net System Capacity:	2,754,103	2,813,111	2,813,111	2,813,111
Latest On-System Scheduled Quantity	2,754,360	2,677,522	2,697,575	2,657,173
Total Unused Capacity:	0	135,589	115,536	155,938
Total Excess Receipts:	(257)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	2,910,884	2,782,690	2,677,522	0	0	0	0	-19,879
Evening	2,840,240	2,765,175	2,697,575	0	0	0	0	-32,323
Intraday 1	2,849,006	2,787,914	2,657,173	0	0	0	0	-28,301
Intraday 2	2,823,469	2,781,589	2,625,165	0	0	0	0	-30,412

- 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	2,758,620	2,662,861	2,568,686	0	0	0	0	-19,879	44	44	43	0	0	0	0	0
Evening	2,720,934	2,656,127	2,591,684	0	0	0	0	-32,323	44	44	44	0	0	0	0	0
Intraday 1	2,711,322	2,657,938	2,533,052	0	0	0	0	-28,301	44	44	44	0	0	0	0	0
Intraday 2	2,690,510	2,654,225	2,500,119	0	0	0	0	-30,412	44	44	44	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	54,839	54,839	54,839	0	0	0	0	0	97,381	64,946	53,954	0	0	0	0	0
Evening	54,839	54,839	54,839	0	0	0	0	0	64,423	54,165	51,008	0	0	0	0	0
Intraday 1	56,440	56,440	56,440	0	0	0	0	0	81,200	73,492	67,637	0	0	0	0	0
Intraday 2	56,715	56,715	56,715	0	0	0	0	0	76,200	70,605	68,287	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.

Maintenance posted 8/8/2015 9:24 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Honor Rancho	08/04/2015	08/08/2015 09:24:22 AM PCT	Unplanned - MU #3 OOS - Repair compressor leak	50	54050
Storage Field - Inj	Goleta	08/08/2015	TBD	Planned - Field full	60	61260
Storage Field - Inj	Playa del Rey	08/14/2015	09/04/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild	25	25525
Storage Field - Inj	Playa del Rey	08/05/2015	08/13/2015 11:59:59 PM PCT	Unplanned - Field full. No injection capacity.	75	76575
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project .	750	765750
Area Zone	Needles/Topock Area Zone	06/03/2015	08/28/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation between Newberry Compressor Station and Cajon. See Critical Notice posted 7/15/2015 for further details.	540	547560
Receipt Point	KR/MO-Kramer Junction	06/14/2015	08/28/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Reduction required due to ongoing pipeline outages. See Critical Notice posted 7/15/15 for further details.	150	155250
Area Zone	Needles/Topock Area Zone	06/12/2015	08/28/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. See Critical Notice posted 7/15/15 for further details.	200	202800
Area Zone	Needles/Topock Area Zone	08/29/2015	TBD	Planned - Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Zone	CP-Line 85	02/24/2015	08/25/2015 11:59:59 PM PCT	Planned - Newhall station PSEP pipe replacement.	40	46000
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	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>						
<p>Last updated: 08/08/2015 09:24:42 AM PCT</p>						

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,153,144	2,075,030	2,075,030	2,075,030
Injection Capacity	735,000	735,000	735,000	735,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,895,144	2,817,030	2,817,030	2,817,030
Latest On-System Scheduled Quantity	2,991,399	2,594,748	2,599,865	2,542,237
Total Unused Capacity:	0	222,282	217,165	274,793
Total Excess Receipts:	(96,255)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	2,895,335	2,735,702	2,594,748	0	-7,534	0	0	-94,332
Evening	2,858,875	2,728,430	2,604,865	0	-7,567	0	0	-96,726
Intraday 1	2,850,557	2,817,036	2,542,237	-13,167	0	0	0	0
Intraday 2	2,836,557	2,816,196	2,535,216	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	2,803,590	2,683,557	2,546,672	0	-5,087	0	0	-84,632	1	1	1	0	0	0	0	0
Evening	2,771,121	2,662,481	2,545,369	0	-5,120	0	0	-96,726	5,001	5,001	5,001	0	0	0	0	0
Intraday 1	2,756,219	2,756,214	2,481,852	0	0	0	0	0	5,001	5,001	5,001	0	0	0	0	0
Intraday 2	2,736,224	2,736,218	2,462,560	0	0	0	0	0	5,001	5,001	5,001	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	15,773	711	710	0	-77	0	0	0	75,971	51,433	47,365	0	-2,370	0	0	-9,700
Evening	15,773	711	710	0	-77	0	0	0	66,980	60,237	53,785	0	-2,370	0	0	0
Intraday 1	25,020	10,035	10,034	0	0	0	0	0	64,317	45,786	45,350	-13,167	0	0	0	0
Intraday 2	30,015	15,030	15,029	0	0	0	0	0	65,317	59,947	52,626	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-S cuts were due to capacity constraints within the Kern River/Mojave - Kramer Junction Sub- zone caused by maintenance.

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

Maintenance Posted 09/04/15 1:32PM

Receipt Point	KR/MO-Kramer Junction	06/14/2015	09/07/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Reduction required due to ongoing pipeline outages. See Critical Notice posted 7/15/15 for further details.	150	155250
Area Zone	Needles/Topock Area Zone	06/03/2015	09/07/2015 11:59:59 PM PCT	Planned - Line 4000 pipeline remediation between Newberry Compressor Station and Cajon. See Critical Notice posted 7/15/2015 for further details.	540	547560
Area Zone	Needles/Topock Area Zone	06/12/2015	09/07/2015 11:59:59 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. See Critical Notice posted 7/15/15 for further details.	200	202800

Maintenance Posted 09/04/15 07:34PM

Area Zone	Needles/Topock Area Zone	06/12/2015	09/04/2015 07:34:30 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. See Critical Notice posted 7/15/15 for further details.	200	202800
Area Zone	Needles/Topock Area Zone	06/03/2015	09/04/2015 07:34:10 PM PCT	Planned - Line 4000 pipeline remediation between Newberry Compressor Station and Cajon. See Critical Notice posted 7/15/2015 for further details.	540	547560
Receipt Point	KR/MO-Kramer Junction	06/14/2015	09/04/2015 07:33:30 PM PCT	Planned - Line 235 decrease of maximum operating pressure between Newberry Compressor Station and Quigley. Reduction required due to ongoing pipeline outages. See Critical Notice posted 7/15/15 for further details.	150	155250

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,515,673	2,432,552	2,432,552	2,381,477
Injection Capacity	705,000	705,000	705,000	704,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	3,227,673	3,144,552	3,144,552	3,092,477
Latest On-System Scheduled Quantity	3,121,757	3,200,598	3,134,447	3,031,142
Total Unused Capacity:	105,916	0	10,105	61,335
Total Excess Receipts:	0	(56,046)	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,306,252	3,295,220	3,200,598	0	0	0	-407	0
Evening	3,255,387	3,162,466	3,134,447	0	0	0	0	0
Intraday 1	3,222,371	3,106,522	3,031,142	0	0	0	0	0
Intraday 2	3,187,371	3,092,483	3,032,607	-8,456	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,063,840	3,062,113	3,034,942	0	0	0	0	0	4,075	4,075	4,075	0	0	0	0	0
Evening	3,123,811	3,103,034	3,095,552	0	0	0	0	0	4,075	4,075	4,075	0	0	0	0	0
Intraday 1	3,123,761	3,073,281	2,999,904	0	0	0	0	0	4,075	4,075	4,075	0	0	0	0	0
Intraday 2	3,098,761	3,061,354	3,001,478	-4,206	0	0	0	0	4,075	4,075	4,075	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	17,014	16,934	16,934	0	0	0	0	0	221,323	212,098	144,647	0	0	0	-407	0
Evening	17,131	17,131	17,131	0	0	0	0	0	110,370	38,226	17,689	0	0	0	0	0
Intraday 1	17,181	17,181	17,181	0	0	0	0	0	77,354	11,985	9,982	0	0	0	0	0
Intraday 2	17,181	17,181	17,181	0	0	0	0	0	67,354	9,873	9,873	-4,250	0	0	0	0

A decrease in Forecasted Sendout resulted in declaration of OFO on Cycle 2.

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

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,541,711	2,596,791	2,489,635	2,448,575
Injection Capacity	683,000	373,000	372,000	372,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	3,231,711	2,976,791	2,868,635	2,827,575
Latest On-System Scheduled Quantity	3,153,429	3,223,612	3,188,344	2,819,690
Total Unused Capacity:	78,282	0	0	7,885
Total Excess Receipts:	0	(246,821)	(319,709)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	3,352,670	3,339,240	3,223,612	0	-7,820	0	0	0
Evening	3,346,512	3,287,837	3,188,344	0	0	0	0	0
Intraday 1	3,331,432	2,868,635	2,819,690	-372,006	0	0	0	0
Intraday 2	3,292,902	2,827,575	2,784,608	-242,069	0	0	0	-150,428

- 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	3,238,766	3,238,763	3,151,855	0	0	0	0	0	640	640	640	0	0	0	0	0
Evening	3,253,507	3,215,107	3,138,680	0	0	0	0	0	640	640	640	0	0	0	0	0
Intraday 1	3,248,427	2,852,080	2,803,135	-343,385	0	0	0	0	640	213	213	-427	0	0	0	0
Intraday 2	3,212,897	2,811,020	2,768,053	-218,516	0	0	0	-148,013	640	213	213	-1	0	0	0	-426

	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	25,750	25,750	25,750	0	0	0	0	0	87,514	74,087	45,367	0	-7,820	0	0	0
Evening	11,009	11,009	11,009	0	0	0	0	0	81,356	61,081	38,015	0	0	0	0	0
Intraday 1	11,009	3,669	3,669	-7,340	0	0	0	0	71,356	12,673	12,673	-20,854	0	0	0	0
Intraday 2	8,009	3,669	3,669	-4,336	0	0	0	0	71,356	12,673	12,673	-19,216	0	0	0	-1,989

* CCR-S cuts were due to customer over nomination within the Kern / Mojave Kramer Junction Sub- zone.
 * CCR-C cuts were due to reduction in storage field injection capacity.
 * CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.

Maintenance posted 09/26/2015 9:26 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	11/01/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	09/26/2015	TBD	Force majeure - Aliso Canyon unit K-26 high vibration. All TDC's unavailable.	300	306300
Storage Field - Inj	Goleta	09/28/2015	10/15/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	09/23/2015	09/28/2015 11:59:59 PM PCT	Unplanned - HP #3 OOS @ Olive St. Speed Module repair problem. Part on order.	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Playa del Rey	09/23/2015	09/28/2015 11:59:59 PM PCT	Unplanned - Field full.	50	51050
Storage Field - Inj	Playa del Rey	08/13/2015	10/16/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Aliso Canyon	05/18/2015	10/16/2015 11:59:59 PM PCT	Planned - Dehy #2 upgrade project .	750	765750
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/01/2015	10/03/2015 11:59:59 PM PCT	Planned - L2001 Pipeline maintenance.	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	09/28/2015	09/30/2015 11:59:59 PM PCT	Planned - L2000 Pipeline maintenance.	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

Continued

Sub-Zone	TW-Needles/QST-Needles	10/07/2015	10/10/2015 11:59:59 PM PCT	Planned - L235 Internal Line Inspections (ILI) Phase 2.	500	507000
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	02/24/2015	09/30/2015 11:59:59 PM PCT	Planned - Newhall station PSEP pipe replacement.	40	46000
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Wheeler Ridge Controls Upgrade.	200	207000

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Last updated: 09/26/2015 09:26:52 AM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,788,071	2,747,011	2,591,784	2,487,632
Injection Capacity	372,000	372,000	372,000	372,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	3,167,071	3,126,011	2,970,784	2,866,632
Latest On-System Scheduled Quantity	3,080,646	3,050,103	3,030,054	2,917,609
Total Unused Capacity:	86,425	75,908	0	0
Total Excess Receipts:	0	0	(59,270)	(50,977)

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,122,028	3,095,926	3,050,103	0	0	0	0	0
Evening	3,108,501	3,066,190	3,030,054	0	-35,982	0	0	0
Intraday 1	3,102,422	2,970,784	2,917,609	-79,295	-24,180	0	0	0
Intraday 2	3,057,647	2,866,632	2,850,721	-143,699	-8,091	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	3,026,828	3,018,931	2,990,241	0	0	0	0	0	12	12	12	0	0	0	0	0
Evening	3,006,828	2,983,957	2,964,742	0	-22,868	0	0	0	12	12	12	0	0	0	0	0
Intraday 1	3,001,854	2,949,010	2,895,835	-17,649	-14,180	0	0	0	12	4	4	-8	0	0	0	0
Intraday 2	2,990,538	2,844,859	2,828,948	-117,578	-8,091	0	0	0	5	4	4	-1	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	16,074	16,074	16,074	0	0	0	0	0	79,114	60,909	43,776	0	0	0	0	0
Evening	16,074	6,074	6,074	0	-10,000	0	0	0	85,587	76,147	59,226	0	-3,114	0	0	0
Intraday 1	21,325	2,025	2,025	-9,300	-10,000	0	0	0	79,231	19,745	19,745	-52,338	0	0	0	0
Intraday 2	11,325	2,025	2,025	-9,300	0	0	0	0	55,779	19,744	19,744	-16,820	0	0	0	0

A decrease in Forecasted Sendout resulted in declaration of OFO on Cycle 3.

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

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,565,746	2,435,556	2,435,556	2,539,708
Injection Capacity	372,000	372,000	372,000	372,000
Latest Off-System Scheduled Quantity	7,000	9,000	9,000	9,000
Net System Capacity:	2,944,746	2,816,556	2,816,556	2,920,708
Latest On-System Scheduled Quantity	3,030,054	2,654,233	2,743,903	2,710,228
Total Unused Capacity:	0	162,323	72,653	210,480
Total Excess Receipts:	(85,308)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,941,988	2,819,889	2,654,233	0	0	0	0	0
Evening	2,919,427	2,838,317	2,743,903	0	0	0	0	0
Intraday 1	2,913,599	2,816,556	2,710,228	-27,491	0	0	0	0
Intraday 2	2,872,543	2,846,498	2,714,555	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	2,654,605	2,621,213	2,513,478	0	0	0	0	0	2	2	2	0	0	0	0	0
Evening	2,654,601	2,643,412	2,588,040	0	0	0	0	0	6	6	2	0	0	0	0	0
Intraday 1	2,654,601	2,650,453	2,580,301	0	0	0	0	0	6	6	6	0	0	0	0	0
Intraday 2	2,649,983	2,649,600	2,578,699	0	0	0	0	0	6	6	6	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	124	124	36	0	0	0	0	0	287,257	198,550	140,717	0	0	0	0	
Evening	124	124	124	0	0	0	0	0	264,696	194,775	155,737	0	0	0	0	
Intraday 1	124	124	124	0	0	0	0	0	258,868	165,973	129,797	-27,491	0	0	0	
Intraday 2	124	124	124	0	0	0	0	0	222,430	196,768	135,726	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 OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,384,481	2,384,481	2,321,389	2,321,389
Injection Capacity	372,000	372,000	372,000	372,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,765,481	2,765,481	2,702,389	2,702,389
Latest On-System Scheduled Quantity	2,743,903	2,840,726	2,933,322	2,651,621
Total Unused Capacity:	21,578	0	0	50,768
Total Excess Receipts:	0	(75,245)	(230,933)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,085,895	3,058,550	2,840,726	0	0	0	0	0
Evening	3,075,895	3,026,044	2,933,322	0	0	0	0	0
Intraday 1	3,075,995	2,702,388	2,651,621	-332,159	0	0	0	0
Intraday 2	2,993,482	2,987,867	2,794,116	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	2,950,874	2,930,678	2,788,433	0	0	0	0	0	190	190	187	0	0	0	0	0
Evening	2,940,624	2,923,731	2,891,999	0	0	0	0	0	190	190	187	0	0	0	0	0
Intraday 1	2,940,574	2,688,613	2,637,846	-242,877	0	0	0	0	190	62	62	-128	0	0	0	0
Intraday 2	2,913,900	2,913,895	2,759,408	0	0	0	0	0	190	190	110	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	82	82	57	0	0	0	0	0	134,749	127,600	52,049	0	0	0	0	0
Evening	332	332	332	0	0	0	0	0	134,749	101,791	40,804	0	0	0	0	0
Intraday 1	482	110	110	-372	0	0	0	0	134,749	13,603	13,603	-88,782	0	0	0	0
Intraday 2	482	482	474	0	0	0	0	0	78,910	73,300	34,124	0	0	0	0	0

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

Maintenance Posted 10/02/2015 at 1:59 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	09/26/2015	10/02/2015 01:59:19 PM PCT	Force majeure - Aliso Canyon turbine unit K-26 out of service due to high vibration. All turbines are unavailable.	300	306300
Storage Field - Inj	Goleta	09/28/2015	10/15/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Playa del Rey	09/23/2015	TBD	Unplanned - Field full.	50	51050
Storage Field - Inj	Playa del Rey	08/13/2015	10/16/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/01/2015	10/03/2015 11:59:59 PM PCT	Planned - L2001 Pipeline maintenance.	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Needles/QST-Needles	10/07/2015	10/10/2015 11:59:59 PM PCT	Planned - L235 Internal Line Inspections (ILI) Phase 2.	500	507000
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Wheeler Ridge Controls Upgrade.	200	207000

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
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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.

Last updated: 10/02/2015 01:59:25 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,104,072	2,104,072	2,106,075	2,106,075
Injection Capacity	372,000	678,300	683,000	683,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,485,072	2,791,372	2,798,075	2,798,075
Latest On-System Scheduled Quantity	2,933,322	2,378,927	2,563,645	2,585,912
Total Unused Capacity:	0	412,445	234,430	212,163
Total Excess Receipts:	(448,250)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,595,964	2,501,101	2,378,927	0	0	0	0	0
Evening	2,727,377	2,707,939	2,563,645	0	0	0	0	0
Intraday 1	2,750,430	2,737,002	2,585,912	0	0	0	0	0
Intraday 2	2,763,481	2,754,589	2,610,482	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	2,541,188	2,493,083	2,370,912	0	0	0	0	0	72	72	72	0	0	0	0	0
Evening	2,652,601	2,638,773	2,518,089	0	0	0	0	0	72	72	72	0	0	0	0	0
Intraday 1	2,652,604	2,650,207	2,522,727	0	0	0	0	0	72	72	72	0	0	0	0	0
Intraday 2	2,652,423	2,652,420	2,524,247	0	0	0	0	0	5,399	5,399	5,399	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	9	9	9	0	0	0	0	0	54,695	7,937	7,934	0	0	0	0	0
Evening	9	9	9	0	0	0	0	0	74,695	69,085	45,475	0	0	0	0	0
Intraday 1	3,283	3,283	3,283	0	0	0	0	0	94,471	83,440	59,830	0	0	0	0	0
Intraday 2	17,227	17,227	17,227	0	0	0	0	0	88,432	79,543	63,609	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. There were no Pipeline Capacity Constraint reductions on Gas Day 10/03/2016.

Maintenance Posted 10/02/2015 at 1:59 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	09/26/2015	10/02/2015 01:59:59 PM PCT	Force majeure - Aliso Canyon turbine unit K-26 out of service due to high vibration. All turbines are unavailable.	300	306300
Storage Field - Inj	Goleta	09/28/2015	10/15/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Playa del Rey	09/23/2015	TBD	Unplanned - Field full.	50	51050
Storage Field - Inj	Playa del Rey	08/13/2015	10/16/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/01/2015	10/03/2015 11:59:59 PM PCT	Planned - L2001 Pipeline maintenance.	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Needles/QST-Needles	10/07/2015	10/10/2015 11:59:59 PM PCT	Planned - L235 Internal Line Inspections (ILI) Phase 2.	500	507000
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Wheeler Ridge Controls Upgrade.	200	207000

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO

High OFO Calculation				
Forecasted Send Out	2,469,606	2,464,598	2,515,673	2,515,673
Injection Capacity	735,000	683,000	683,000	709,000
Latest Off-System Scheduled Quantity	9,000	9,000	29,000	24,094
Net System Capacity:	3,213,606	3,156,598	3,227,673	3,248,767
Latest On-System Scheduled Quantity	2,738,049	3,282,664	3,301,367	3,102,175
Total Unused Capacity:	475,557	0	0	146,592
Total Excess Receipts:	0	(126,066)	(73,694)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,379,863	3,339,653	3,282,664	0	-29,634	0	0	-3,663
Evening	3,372,661	3,321,113	3,301,367	0	0	0	0	0
Intraday 1	3,349,582	3,173,744	3,102,175	0	-125,763	0	0	0
Intraday 2	3,318,738	3,207,148	3,141,030	0	-80,363	0	-7,586	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	3,257,276	3,257,274	3,203,160	0	0	0	0	0	9,922	9,922	9,608	0	0	0	0	0
Evening	3,256,876	3,236,468	3,220,171	0	0	0	0	0	9,922	9,922	9,922	0	0	0	0	0
Intraday 1	3,248,814	3,109,249	3,049,444	0	-98,547	0	0	0	9,922	9,922	9,919	0	0	0	0	0
Intraday 2	3,178,068	3,099,344	3,034,559	0	-71,812	0	-6,881	0	9,922	9,884	9,884	0	0	0	-38	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	46,759	38,910	38,910	0	-7,849	0	0	0	65,906	33,547	30,986	0	-21,785	0	0	-3,663
Evening	47,159	47,046	47,046	0	0	0	0	0	58,704	27,677	24,228	0	0	0	0	0
Intraday 1	47,159	24,026	24,026	0	-23,133	0	0	0	43,687	30,547	18,786	0	-4,083	0	0	0
Intraday 2	81,959	58,826	58,826	0	-4,468	0	0	0	48,789	39,094	37,761	0	-4,083	0	-667	0

A decrease in Forecasted Sendout and an increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.
 * CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.
 * CCR-S cuts were due to capacity constraints within the Blythe Sub- zone caused by maintenance.
 * CCR-Z cuts were due to capacity constraints within the Wheeler Ridge Zone caused by maintenance.

Maintenance posted 10/06/2015 1:51 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	09/28/2015	10/15/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Playa del Rey	10/05/2015	10/23/2015 11:59:59 PM PCT	Planned-CB#8 OOS for compressor rebuild	25	25525
Storage Field - Inj	Playa del Rey	08/13/2015	10/16/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/01/2015	10/09/2015 11:59:59 PM PCT	Unplanned - L2001 Pipeline maintenance.	155	157015
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Needles/QST-Needles	10/07/2015	10/10/2015 11:59:59 PM PCT	Planned - L235 Internal Line Inspections (ILI) Phase 2.	500	507000
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	02/24/2015	TBD	Planned - Newhall station PSEP pipe replacement.	40	46000
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Wheeler Ridge Controls Upgrade.	200	207000
Zone	Wheeler Ridge Zone	10/06/2015	TBD	Unplanned- Compressor exhaust leak	50	51750

Home	OFO Ledger	Daily Operations	Operating Capacity	Capacity Utilization	Allocations	Comparison Report	Reduction Report by Local
OFO Calculation - 10/17/2015 Today Tomorrow Flow Date: 10/17/2015 GO Description of OFO Calculation Archive High OFO Event History							
		Timely	Evening	Intraday 1	Intraday 2		
OFO Declared:		High OFO	High OFO	High OFO	High OFO		
High OFO Calculation							
Forecasted Send Out		2,327,398	2,332,405	2,384,481	2,313,378		
Injection Capacity		681,000	683,000	683,000	685,000		
Latest Off-System Scheduled Quantity		9,000	9,000	9,000	9,000		
Net System Capacity:		3,017,398	3,024,405	3,076,481	3,007,378		
Latest On-System Scheduled Quantity		3,098,870	2,726,447	2,826,108	2,825,811		
Total Unused Capacity:		0	297,958	250,373	181,567		
Total Excess Receipts:		(81,472)	0	0	0		

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	*CCR-S	CCR-R	*CCR-Z	CCR-A
Timely	3,027,559	2,867,355	2,726,447	0	-17,484	0	-50,715	0
Evening	3,044,065	2,943,967	2,826,108	0	-50,106	0	-5,533	0
Intraday 1	3,059,515	2,957,422	2,825,811	0	-54,105	0	-3,530	0
Intraday 2	3,038,482	2,960,811	2,851,990	0	-11,657	0	-1,557	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	2,802,673	2,724,575	2,591,010	0	0	0	-34,629	0	199	127	127	0	0	0	-72	0
Evening	2,802,674	2,802,439	2,708,873	0	0	0	0	0	199	199	199	0	0	0	0	0
Intraday 1	2,802,674	2,802,665	2,714,544	0	0	0	0	0	199	199	199	0	0	0	0	0
Intraday 2	2,791,640	2,791,637	2,721,537	0	0	0	0	0	199	199	199	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	22	22	22	0	0	0	0	0	224,665	142,631	135,288	0	-17,484	0	-16,014	0
Evening	22	22	22	0	0	0	0	0	241,170	141,307	117,014	0	-50,106	0	-5,533	0
Intraday 1	22	22	22	0	0	0	0	0	256,620	154,536	111,046	0	-54,105	0	-3,530	0
Intraday 2	22	22	22	0	0	0	0	0	246,621	168,953	130,232	0	-11,657	0	-1,557	0

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

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

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

Maintenance posted 10/16/2015 at 1:33 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/12/2015	10/21/2015 11:59:59 PM PCT	Unplanned- Investigate cracked head on MU#5	50	51050
Storage Field - Inj	Playa del Rey	08/13/2015	10/23/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/14/2015	10/16/2015 01:33:49 PM PCT	Planned - L2000 valve installation.	100	401300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Wheeler Ridge Controls Upgrade.	200	207000
Zone	Wheeler Ridge Zone	10/15/2015	10/18/2015 11:59:59 PM PCT	Unplanned- Faulty fire detection system on compressor unit T401.	140	144900

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,489,635	2,492,639	2,378,473	2,389,489
Injection Capacity	683,000	684,000	321,000	323,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	3,181,635	3,185,639	2,708,473	2,721,489
Latest On-System Scheduled Quantity	2,914,234	3,040,490	3,083,156	2,687,077
Total Unused Capacity:	267,401	145,149	0	34,412
Total Excess Receipts:	0	0	(374,683)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	*CCR-R	*CCR-Z	CCR-A
Timely	3,405,548	3,161,762	3,040,490	0	-58,482	-4,591	-173,895	0
Evening	3,430,022	3,189,421	3,083,156	0	-58,482	-5,569	-163,910	0
Intraday 1	3,362,582	2,708,473	2,687,077	-413,561	-146,468	0	-3,336	0
Intraday 2	3,254,091	2,772,539	2,721,525	-253,332	-119,337	0	-5,456	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	3,285,176	3,104,604	2,984,017	0	0	0	-172,658	0	40	3	3	0	0	0	-1	0
Evening	3,283,650	3,113,788	3,007,601	0	0	0	-162,673	0	15,063	15,062	15,062	0	0	0	-1	0
Intraday 1	3,223,146	2,683,286	2,661,890	-345,358	-118,284	0	-2,335	0	15,063	5,021	5,021	-10,041	-1	0	0	0
Intraday 2	3,107,468	2,747,352	2,696,338	-182,686	-99,065	0	-4,455	0	15,063	5,021	5,021	-10,017	-1	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	967	788	788	0	0	0	-134	0	119,365	56,367	55,682	0	-58,482	-4,591	-1,102	0
Evening	5,944	5,810	5,770	0	0	0	-134	0	125,365	54,761	54,723	0	-58,482	-5,569	-1,102	0
Intraday 1	5,944	1,924	1,924	-3,498	-134	0	0	0	118,429	18,242	18,242	-54,664	-28,049	0	-1,001	0
Intraday 2	5,810	1,924	1,924	-3,722	0	0	0	0	125,750	18,242	18,242	-56,907	-20,271	0	-1,001	0

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

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

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

Maintenance posted 10/20/2015 12:59 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	10/20/2015	10/20/2015 11:59:59 PM PCT	Unplanned- Turbine high vibration	300	306300
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/19/2015	10/20/2015 11:59:59 PM PCT	Force Majeure - Main unit #4 investigate damaged/leaking cylinder head.	50	51050
Storage Field - Inj	Honor Rancho	10/12/2015	10/21/2015 11:59:59 PM PCT	Unplanned- Investigate cracked head on MU#5	50	51050
Storage Field - Inj	Playa del Rey	08/13/2015	10/23/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500

OFO Calculation - 10/21/2015 Today Tomorrow Flow Date: 10/21/2015 GO Description of OFO Calculation Archive High OFO Event Hist				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,398,502	2,410,519	2,348,429	2,348,429
Injection Capacity	684,000	431,750	323,000	323,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	3,091,502	2,851,269	2,680,429	2,680,429
Latest On-System Scheduled Quantity	3,083,156	2,765,448	2,805,650	2,668,256
Total Unused Capacity:	8,346	85,821	0	12,173
Total Excess Receipts:	0	0	(125,221)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,017,815	2,906,785	2,765,448	0	-98,290	0	0	0
Evening	3,055,469	2,958,991	2,805,650	0	-84,233	0	0	0
Intraday 1	3,022,305	2,680,430	2,668,256	-235,370	-84,233	0	0	0
Intraday 2	2,960,395	2,680,429	2,641,368	-130,825	-124,085	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirme	Scheduled	CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,949,201	2,855,600	2,738,830	0	-86,316	0	0	0	11,975	0	0	0	-11,974	0	0	0
Evening	2,961,175	2,882,126	2,778,032	0	-72,259	0	0	0	1	0	0	0	-1	0	0	0
Intraday 1	2,946,855	2,671,223	2,659,049	-186,556	-72,259	0	0	0	1	0	0	0	-1	0	0	0
Intraday 2	2,888,534	2,671,222	2,632,161	-85,600	-124,084	0	0	0	1	0	0	0	-1	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nominations	SCG Confirme	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	9	9	9	0	0	0	0	0	56,630	51,176	26,609	0	0	0	0	0
Evening	9	9	9	0	0	0	0	0	94,284	76,856	27,609	0	-11,973	0	0	0
Intraday 1	9	3	3	-6	0	0	0	0	75,440	9,204	9,204	-48,808	-11,973	0	0	0
Intraday 2	9	3	3	-6	0	0	0	0	71,851	9,204	9,204	-45,219	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.

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

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

Maintenance posted 10/20/2015 1:22 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	10/20/2015	10/25/2015 11:59:59 PM PCT	Force Majeure - Turbines out of service due to high vibration.	300	306300
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/19/2015	10/20/2015 11:59:59 PM PCT	Force Majeure - Main unit #4 investigate damaged/leaking cylinder head.	50	51050
Storage Field - Inj	Honor Rancho	10/12/2015	10/21/2015 11:59:59 PM PCT	Unplanned- Investigate cracked head on MU#5	50	51050
Storage Field - Inj	Playa del Rey	08/13/2015	10/23/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	430	445050
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660

Maintenance posted 10/20/2015 7:11 PM

Storage Field - Inj	Honor Rancho	10/20/2015	10/22/2015 11:59:59 PM PCT	Force Majeure- M.U. #4. Repair leaking Compressor packing.	50	51050
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OFO Calculation - 10/22/2015 Today Tomorrow Flow Date: 10/22/2015 GO Description of OFO Calculation Archive High OFO Event History				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,358,443	2,358,443	2,358,443	2,400,505
Injection Capacity	375,950	323,000	270,000	270,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,743,393	2,690,443	2,637,443	2,679,505
Latest On-System Scheduled Quantity	2,805,650	2,523,738	2,610,824	2,551,025
Total Unused Capacity:	0	166,705	26,619	128,480
Total Excess Receipts:	(62,257)	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,732,070	2,621,453	2,523,738	0	-4,744	0	0	0
Evening	2,783,099	2,680,441	2,610,824	0	-47,569	0	0	0
Intraday 1	2,772,457	2,637,441	2,551,025	-66,856	0	0	0	0
Intraday 2	2,766,230	2,677,535	2,582,422	0	-47,820	0	0	0

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

	Firm Primary								Firm Alternate Inside the Zone							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,611,682	2,554,699	2,456,987	0	-4,744	0	0	0	117	117	117	0	0	0	0	0
Evening	2,631,711	2,566,413	2,526,799	0	-47,569	0	0	0	117	117	117	0	0	0	0	0
Intraday 1	2,631,711	2,609,429	2,523,013	-1,992	0	0	0	0	117	40	40	-78	0	0	0	0
Intraday 2	2,631,711	2,580,638	2,537,092	0	-47,820	0	0	0	117	117	40	0	0	0	0	0

	Firm Alternate Outside the Zone								Interruptible							
	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A	Nomination	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	75	75	75	0	0	0	0	0	120,196	66,562	66,559	0	0	0	0	0
Evening	75	75	75	0	0	0	0	0	151,196	113,836	83,833	0	0	0	0	0
Intraday 1	75	25	25	-50	0	0	0	0	140,554	27,947	27,947	-64,736	0	0	0	0
Intraday 2	75	75	25	0	0	0	0	0	134,327	96,705	45,265	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

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

Maintenance Posted 10/21/2015 at 8:18 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	10/20/2015	10/25/2015 11:59:59 PM PCT	Force Majeure - Turbines out of service due to high vibration.	300	306300
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/20/2015	10/22/2015 11:59:59 PM PCT	Force Majeure- M.U. #4. Repair leaking Compressor packing.	50	51050
Storage Field - Inj	Honor Rancho	10/12/2015	10/27/2015 11:59:59 PM PCT	Unplanned- Investigate cracked head on MU#5	50	51050
Storage Field - Inj	Playa del Rey	08/13/2015	10/23/2015 11:59:59 PM PCT	Planned - CB#9 OOS for compressor rebuild - extended	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	430	445050
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660

Maintenance Posted 10/21/2015 at 2:57 PM

Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	480	496800
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Maintenance Posted 10/21/2015 at 4:53 PM

Storage Field - Inj	Playa del Rey	10/21/2015	10/28/2015 11:59:59 PM PCT	Planned - Field full	50	51050
Storage Field - Wth	Playa del Rey	10/21/2015	10/28/2015 11:59:59 PM PCT	Force Majeure - Repair withdraw line.	340	347140

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,337,413	2,400,505	2,386,484	2,350,432
Injection Capacity	270,000	270,000	269,000	269,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,616,413	2,679,505	2,664,484	2,628,432
Latest On-System Scheduled Quantity	2,610,824	2,644,209	2,738,551	2,639,431
Total Unused Capacity:	5,589	35,296	0	0
Total Excess Receipts:	0	0	(74,067)	(10,999)

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,850,305	2,795,649	2,644,209	0	-49,173	0	0	0
Evening	2,839,804	2,785,148	2,738,551	0	-49,173	0	0	0
Intraday 1	2,821,876	2,664,484	2,639,431	-89,147	-50,174	0	0	0
Intraday 2	2,786,963	2,628,432	2,587,098	-92,967	-50,174	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 Confirms	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,677,096	2,627,912	2,601,543	0	-49,173	0	0	0	0	0	0	0	0	0	0	0
Evening	2,766,727	2,717,543	2,701,013	0	-49,173	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,746,571	2,651,971	2,626,918	-32,426	-50,174	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,711,658	2,615,919	2,574,585	-37,933	-50,174	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	Nominations	SCG Confirms	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	400	400	400	0	0	0	0	0	172,809	167,337	42,266	0	0	0	0	
Evening	400	400	400	0	0	0	0	0	72,677	67,205	37,138	0	0	0	0	
Intraday 1	400	133	133	-267	0	0	0	0	74,905	12,380	12,380	-56,454	0	0	0	
Intraday 2	400	133	133	-267	0	0	0	0	74,905	12,380	12,380	-54,767	0	0	0	

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

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

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

Maintenance posted 10/23/2015 at 4:34 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	10/20/2015	10/25/2015 11:59:59 PM PCT	Force Majeure - Turbines out of service due to high vibration.	300	306300
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/20/2015	10/27/2015 11:59:59 PM PCT	Force Majeure- M.U. #4. Repair leaking Compressor packing. Extended	50	51050
Storage Field - Inj	Honor Rancho	10/12/2015	10/23/2015 04:30:30 PM PCT	Unplanned- Investigate cracked head on MU#5	50	51050
Storage Field - Inj	Playa del Rey	10/28/2015	10/29/2015 11:59:59 PM PCT	Planned - Repair compressor fuel line	50	51050
Storage Field - Inj	Playa del Rey	10/21/2015	10/27/2015 11:59:59 PM PCT	Planned - Field full	75	76575
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Storage Field - Wth	Playa del Rey	10/21/2015	10/24/2015 11:59:59 PM PCT	Force Majeure - Repair withdraw line.	340	347140
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/26/2015	10/30/2015 11:59:59 PM PCT	Planned - L2000 PSEP tee replacement	100	101300

Continued

Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	480	496800
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500
Zone	CP-Line 85	10/20/2015	10/27/2015 11:59:59 PM PCT	Force Majeure - Line 8109 repairs	30	34500
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge Controls Upgrade.	200	207000

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Last updated: 10/23/2015 04:34:37 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,179,182	2,173,173	2,153,144	2,151,141
Injection Capacity	321,000	321,000	321,000	320,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,509,182	2,503,173	2,483,144	2,480,141
Latest On-System Scheduled Quantity	2,738,551	2,414,603	2,448,628	2,407,977
Total Unused Capacity:	0	88,570	34,516	72,164
Total Excess Receipts:	(229,369)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,609,823	2,483,060	2,414,603	0	-25,382	0	0	0
Evening	2,617,504	2,515,527	2,448,628	0	-25,374	0	0	0
Intraday 1	2,617,504	2,481,140	2,407,977	-38,226	-25,374	0	0	0
Intraday 2	2,603,563	2,480,140	2,379,890	-34,672	-25,374	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 Confirms	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,528,245	2,455,688	2,389,241	0	-25,382	0	0	0	0	0	0	0	0	0	0	0
Evening	2,532,669	2,485,511	2,421,070	0	-25,374	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,532,669	2,471,953	2,398,790	-14,479	-25,374	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,516,265	2,470,953	2,370,703	-5,286	-25,374	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	Nominations	SCG Confirms	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	5,092	91	84	0	0	0	0	0	76,486	27,281	25,278	0	0	0	0	
Evening	5,092	91	84	0	0	0	0	0	79,743	29,925	27,474	0	0	0	0	
Intraday 1	5,092	28	28	-1,735	0	0	0	0	79,743	9,159	9,159	-22,012	0	0	0	
Intraday 2	5,092	28	28	-5,063	0	0	0	0	82,206	9,159	9,159	-24,323	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.

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

Maintenance posted 10/24/2015 7:27 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	10/20/2015	10/25/2015 11:59:59 PM PCT	Force Majeure - Turbines out of service due to high vibration.	300	306300
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/20/2015	10/27/2015 11:59:59 PM PCT	Force Majeure- M.U. #4. Repair leaking Compressor packing. Extended	50	51050
Storage Field - Inj	Playa del Rey	10/28/2015	10/29/2015 11:59:59 PM PCT	Planned - Repair compressor fuel line	50	51050
Storage Field - Inj	Playa del Rey	10/21/2015	10/27/2015 11:59:59 PM PCT	Planned - Field full	75	76575
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Storage Field - Wth	Playa del Rey	10/21/2015	10/25/2015 11:59:59 PM PCT	Force Majeure - Repair withdraw line.	340	347140
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/26/2015	10/30/2015 11:59:59 PM PCT	Planned - L2000 PSEP tee replacement	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

Continued

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	480	496800
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500
Zone	CP-Line 85	10/20/2015	10/27/2015 11:59:59 PM PCT	Force Majeure - Line 8109 repairs	30	34500
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge Controls Upgrade.	200	207000

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Last updated: 10/24/2015 07:27:03 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,127,106	2,125,103	2,177,179	2,177,179
Injection Capacity	321,000	320,000	320,000	320,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,457,106	2,454,103	2,506,179	2,506,179
Latest On-System Scheduled Quantity	2,448,628	2,511,281	2,520,137	2,402,579
Total Unused Capacity:	8,478	0	0	103,600
Total Excess Receipts:	0	(57,178)	(13,958)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,626,594	2,585,583	2,511,281	0	-25,374	0	0	0
Evening	2,626,594	2,592,199	2,520,137	0	-25,374	0	0	0
Intraday 1	2,608,594	2,506,179	2,402,579	-66,443	-25,374	0	0	0
Intraday 2	2,606,546	2,506,179	2,392,461	-69,501	-25,374	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	2,566,759	2,531,272	2,469,659	0	-25,374	0	0	0	0	0	0	0	0	0	0	0
Evening	2,566,759	2,537,888	2,478,508	0	-25,374	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,558,759	2,492,300	2,388,700	-36,011	-25,374	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,539,389	2,492,300	2,378,582	-21,699	-25,374	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	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	5,092	5,092	5,085	0	0	0	0	0	54,743	49,219	36,537	0	0	0	0	
Evening	5,092	5,092	5,092	0	0	0	0	0	54,743	49,219	36,537	0	0	0	0	
Intraday 1	5,092	1,697	1,697	-3,394	0	0	0	0	44,743	12,182	12,182	-27,038	0	0	0	
Intraday 2	5,092	1,697	1,697	-3,394	0	0	0	0	62,065	12,182	12,182	-44,408	0	0	0	

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

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

Maintenance Posted 10/25/2015 8:28 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Aliso Canyon	10/20/2015	10/25/2015 11:59:59 PM PCT	Force Majeure - Turbines out of service due to high vibration.	300	306300
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/20/2015	10/25/2015 08:20:24 PM PCT	Force Majeure- M.U. #4. Repair leaking Compressor packing. Extended	50	51050
Storage Field - Inj	Playa del Rey	10/28/2015	10/29/2015 11:59:59 PM PCT	Planned - Repair compressor fuel line	50	51050
Storage Field - Inj	Playa del Rey	10/21/2015	10/27/2015 11:59:59 PM PCT	Planned - Field full	75	76575
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/26/2015	10/30/2015 11:59:59 PM PCT	Planned - L2000 PSEP tee replacement	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	480	496800

Continued

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500
Zone	CP-Line 85	10/20/2015	10/27/2015 11:59:59 PM PCT	Force Majeure - Line 8109 repairs	30	34500
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge Controls Upgrade.	200	207000
<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>						
<p>Last updated: 10/25/2015 08:28:34 PM PCT</p>						

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO

High OFO Calculation				
Forecasted Send Out	2,461,594	2,430,549	2,452,581	2,493,641
Injection Capacity	269,000	217,000	216,000	267,050
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,739,594	2,656,549	2,677,581	2,769,691
Latest On-System Scheduled Quantity	2,531,342	2,789,760	2,827,912	2,619,271
Total Unused Capacity:	208,252	0	0	150,420
Total Excess Receipts:	0	(133,211)	(150,331)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	* CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,931,185	2,864,702	2,789,760	0	-53,699	0	0	0
Evening	2,944,400	2,885,737	2,827,912	0	-44,699	0	0	0
Intraday 1	2,944,400	2,677,580	2,619,271	-174,611	-44,699	0	0	0
Intraday 2	2,921,386	2,769,691	2,689,628	-93,987	-44,699	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	2,887,804	2,826,804	2,785,690	0	-53,699	0	0	0	2,073	2,073	2,065	0	0	0	0	0
Evening	2,892,972	2,839,859	2,815,017	0	-44,699	0	0	0	105	105	105	0	0	0	0	0
Intraday 1	2,892,972	2,673,279	2,614,970	-165,418	-44,699	0	0	0	105	35	35	-70	0	0	0	0
Intraday 2	2,883,803	2,765,390	2,685,327	-66,255	-44,699	0	0	0	105	35	35	-70	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	174	174	174	0	0	0	0	0	41,134	35,651	1,831	0	0	0	0	0
Evening	174	174	174	0	0	0	0	0	51,149	45,599	12,616	0	0	0	0	0
Intraday 1	174	58	58	-116	0	0	0	0	51,149	4,208	4,208	-9,007	0	0	0	0
Intraday 2	174	58	58	-116	0	0	0	0	37,304	4,208	4,208	-27,546	0	0	0	0

A decrease in Forecasted Sendout and an increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.
 * CCR-C cuts were due to reduction in storage field injection capacity.
 * CCR-S cuts were due to customer over nomination within the North Wheeler Ridge Sub- zone.
 * CCR-C cuts were due to customer over nominations.

Maintenance posted 10/26/2015 10:57AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/26/2015	10/28/2015 11:59:59 PM PCT	Unplanned- Main unit 2 exhaust Leak.	50	51050
Storage Field - Inj	Playa del Rey	10/28/2015	10/29/2015 11:59:59 PM PCT	Planned - Repair compressor fuel line	50	51050
Storage Field - Inj	Playa del Rey	10/21/2015	11/02/2015 11:59:59 PM PCT	Planned - Field full	75	76575
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/26/2015	10/30/2015 11:59:59 PM PCT	Planned - L2000 PSEP tee replacement	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	480	496800
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660

Continued

Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500
Zone	CP-Line 85	10/20/2015	10/27/2015 11:59:59 PM PCT	Force Majeure - Line 8109 repairs	30	34500
Zone	Wheeler Ridge Zone	10/19/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge Controls Upgrade.	200	207000

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.

Last updated: 10/26/2015 10:57:29 AM PCT

Maintenance posted 10/27/2015 8:24AM

Storage Field--Inj	Playa del Rey	10/28/2015	10/29/2015 11:59:59 PM PCT	Planned --Repair compressor fuel line	50	51050
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OFO Calculation - 10/28/2015 Today Tomorrow Flow Date: 10/28/2015 GO Description of OFO Calculation Archive High OFO Event Hist				
	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,400,505	2,400,505	2,456,587	2,456,587
Injection Capacity	216,000	267,050	217,000	217,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,625,505	2,676,555	2,682,587	2,682,587
Latest On-System Scheduled Quantity	2,827,912	2,609,555	2,654,510	2,622,941
Total Unused Capacity:	0	67,000	28,077	59,646
Total Excess Receipts:	(202,407)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	*CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,785,085	2,667,096	2,609,555	0	-35,382	0	0	0
Evening	2,792,059	2,685,295	2,654,510	0	-26,382	0	0	0
Intraday 1	2,801,058	2,682,592	2,622,941	-18,440	-26,382	0	0	0
Intraday 2	2,788,115	2,682,590	2,596,559	-15,254	-26,382	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	2,723,882	2,656,883	2,602,343	0	-35,382	0	0	0	88	88	88	0	0	0	0	0
Evening	2,723,882	2,673,041	2,644,259	0	-26,382	0	0	0	88	88	88	0	0	0	0	0
Intraday 1	2,728,882	2,679,170	2,619,519	-8,076	-26,382	0	0	0	88	34	34	-59	0	0	0	0
Intraday 2	2,723,676	2,679,161	2,593,135	-7,510	-26,382	0	0	0	88	39	34	-54	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	58	58	58	0	0	0	0	0	61,057	10,067	7,066	0	0	0	0	0
Evening	5,058	58	58	0	0	0	0	0	63,031	12,108	10,105	0	0	0	0	0
Intraday 1	58	19	19	-39	0	0	0	0	72,030	3,369	3,369	-10,266	0	0	0	0
Intraday 2	58	19	19	-39	0	0	0	0	64,293	3,371	3,371	-7,651	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 reduction in storage field injection capacity.

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO

High OFO Calculation				
Forecasted Send Out	2,409,518	2,414,525	2,407,515	2,381,477
Injection Capacity	269,000	269,000	175,000	206,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,687,518	2,692,525	2,591,515	2,596,477
Latest On-System Scheduled Quantity	2,654,510	2,731,802	2,740,353	2,567,420
Total Unused Capacity:	33,008	0	0	29,057
Total Excess Receipts:	0	(39,277)	(148,838)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	* CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,919,537	2,867,103	2,731,802	0	-35,482	0	0	0
Evening	2,913,772	2,881,432	2,740,353	0	-26,482	0	0	0
Intraday 1	2,914,078	2,622,514	2,567,420	-244,983	-26,482	0	0	0
Intraday 2	2,800,522	2,596,476	2,575,780	-146,521	-26,482	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	2,730,401	2,685,013	2,625,800	0	-35,382	0	0	0	88	88	88	0	0	0	0	0
Evening	2,776,619	2,749,858	2,649,885	0	-26,382	0	0	0	88	88	88	0	0	0	0	0
Intraday 1	2,776,891	2,592,356	2,537,262	-156,026	-26,382	0	0	0	88	29	29	-59	0	0	0	0
Intraday 2	2,690,024	2,566,318	2,545,623	-90,783	-26,382	0	0	0	88	29	29	-59	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	3,009	3,009	3,009	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	3,009	3,009	3,009	0	0	0	0	0	134,056	128,477	87,371	0	-100	0	0	0
Intraday 1	2,737	1,003	1,003	-1,733	0	0	0	0	134,362	29,126	29,126	-87,165	-100	0	0	0
Intraday 2	2,737	1,003	1,003	-1,732	0	0	0	0	107,673	29,126	29,125	-53,947	-100	0	0	0

An increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.
 * CCR-S cuts were due to capacity constraints within the North Wheeler Ridge Sub-zone caused by maintenance.
 * CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

Maintenance posted 10/27/2015 11:18PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	10/30/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	10/27/2015	10/28/2015 11:59:59 PM PCT	Force Majeure - MU #2 Engine Impact 2R Sensor alarm	50	51050
Storage Field - Inj	Playa del Rey	10/21/2015	11/02/2015 11:59:59 PM PCT	Planned - Field full	75	76575
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Aliso Canyon	10/26/2015	TBD	Force Majeure- Well Repair.	300	306300
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/26/2015	10/30/2015 11:59:59 PM PCT	Planned - L2000 PSEP tee replacement	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	PGE-Wheeler Ridge/EH GOS-Wheeler Ridge	10/20/2015	10/29/2015 11:59:59 PM PCT	Planned - Wheeler Ridge controls upgrade	480	496800
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660

Maintenance posted 10/28/2015 4:43PM

Storage Field - Inj	Honor Rancho	11/07/2015	TBD	Planned - Storage Field full. Please see critical notice from 10/28/15 for more information.	235	239935
Storage Field - Inj	Honor Rancho	10/27/2015	10/29/2015 11:59:59 PM PCT	Force Majeure - MU #2 Engine Impact 2R Sensor alarm	50	51050

Maintenance posted 10/29/2015 6:50AM

Storage Field - Inj	Honor Rancho	10/27/2015	10/29/2015 06:49:55 AM PCT	Force Majeure - MU #2 Engine Impact 2R Sensor alarm	50	51050
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,381,477	2,381,477	2,350,432	2,350,432
Injection Capacity	206,000	206,000	155,000	206,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,596,477	2,596,477	2,514,432	2,565,432
Latest On-System Scheduled Quantity	2,740,353	2,401,259	2,453,936	2,442,457
Total Unused Capacity:	0	195,218	60,496	122,975
Total Excess Receipts:	(143,876)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,600,637	2,459,841	2,401,259	0	0	0	0	0
Evening	2,602,458	2,511,101	2,453,936	0	0	0	0	0
Intraday 1	2,633,501	2,555,061	2,442,457	0	0	0	0	0
Intraday 2	2,625,611	2,565,440	2,471,598	-5,347	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	2,531,178	2,450,201	2,394,399	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,532,999	2,487,896	2,437,512	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,538,542	2,519,497	2,416,552	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,530,688	2,528,422	2,442,165	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	Nominations	SCG Confirmed	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,258	1,258	9	0	0	0	0	0	68,201	8,382	6,851	0	0	0	0	
Evening	1,258	1,258	542	0	0	0	0	0	68,201	21,947	15,882	0	0	0	0	
Intraday 1	26,758	1,258	1,219	0	0	0	0	0	68,201	34,306	24,686	0	0	0	0	
Intraday 2	26,722	1,222	1,219	0	0	0	0	0	68,201	35,796	28,214	-5,347	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.

Maintenance Posted 10/30/2015 1:07 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	11/03/2015	11/04/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	11/06/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	11/07/2015	TBD	Planned - Storage Field full. Please see critical notice from 10/28/15 for more information.	235	239935
Storage Field - Inj	Honor Rancho	10/30/2015	10/30/2015 11:59:59 PM PCT	Forced Majeure- MU3 Control panel malfunction	50	51050
Storage Field - Inj	Playa del Rey	10/21/2015	11/02/2015 11:59:59 PM PCT	Planned - Field full	75	76575
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Storage Field - Wth	Aliso Canyon	10/26/2015	TBD	Force Majeure- Well Repair.	300	306300
Storage Field - Wth	Honor Rancho	09/12/2015	10/31/2015 11:59:59 PM PCT	Planned - Dehy and East & West Field projects.	500	510500
Sub-Zone	EP-Ehrenberg/NBP-Blythe	10/26/2015	10/30/2015 11:59:59 PM PCT	Planned - L2000 PSEP tee replacement	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660

Maintenance Posted 10/30/2015 7:41 AM

Storage Field - Inj	Honor Rancho	10/30/2015	10/30/2015 07:41:23 AM PCT	Forced Majeure- MU3 Control panel malfunction	50	51050
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,169,167	2,180,183	2,184,189	2,184,189
Injection Capacity	206,000	206,000	207,000	207,000
Latest Off-System Scheduled Quantity	9,000	9,000	9,000	9,000
Net System Capacity:	2,384,167	2,395,183	2,400,189	2,400,189
Latest On-System Scheduled Quantity	2,453,936	2,276,441	2,422,503	2,361,287
Total Unused Capacity:	0	118,742	0	38,902
Total Excess Receipts:	(69,769)	0	(22,314)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,653,909	2,495,837	2,276,441	0	0	0	0	0
Evening	2,611,225	2,488,048	2,422,503	0	0	0	0	0
Intraday 1	2,582,402	2,400,192	2,361,287	-48,245	0	0	0	0
Intraday 2	2,469,858	2,349,576	2,329,004	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	2,584,596	2,486,044	2,270,941	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,541,937	2,474,242	2,414,926	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,513,114	2,397,665	2,358,760	-39,344	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,404,035	2,339,468	2,323,749	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	Nominations	SCG Confirmed	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,859	1,845	595	0	0	0	0	0	67,454	7,948	4,905	0	0	0	0	
Evening	1,834	1,820	595	0	0	0	0	0	67,454	11,986	6,982	0	0	0	0	
Intraday 1	1,834	198	198	-1,626	0	0	0	0	67,454	2,329	2,329	-7,275	0	0	0	
Intraday 2	609	599	599	0	0	0	0	0	65,214	9,509	4,656	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:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,116,089	2,116,089	2,065,015	2,154,145
Injection Capacity	207,000	207,000	207,000	207,000
Latest Off-System Scheduled Quantity	9,000	2,448	2,448	4,000
Net System Capacity:	2,332,089	2,325,537	2,274,463	2,365,145
Latest On-System Scheduled Quantity	2,422,503	2,219,145	2,304,835	2,272,703
Total Unused Capacity:	0	106,392	0	92,442
Total Excess Receipts:	(90,414)	0	(30,372)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,543,628	2,388,961	2,219,145	0	0	0	0	0
Evening	2,543,627	2,446,529	2,304,835	0	0	0	0	0
Intraday 1	2,425,794	2,274,461	2,272,703	-53,292	0	0	0	0
Intraday 2	2,433,298	2,360,854	2,333,908	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	2,457,881	2,378,231	2,210,605	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,463,680	2,432,034	2,296,086	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,345,847	2,271,545	2,269,787	-39,854	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,350,351	2,342,117	2,322,160	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	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	5,810	10	10	0	0	0	0	0	79,937	10,720	8,530	0	0	0	0	0
Evening	10	10	10	0	0	0	0	0	79,937	14,485	8,739	0	0	0	0	0
Intraday 1	10	3	3	-6	0	0	0	0	79,937	2,913	2,913	-13,432	0	0	0	0
Intraday 2	10	9	9	0	0	0	0	0	82,937	18,728	11,739	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. A decrease in Forecasted Sendout and an increase in the latest scheduled quantity resulted in Pipeline Capacity Constrains (CCR-C) at the receipt pts.



ATTACHMENT 1C

TO

**MAY 19, 2016
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,663,889	2,559,737	2,517,676	2,341,418
Injection Capacity	161,000	135,475	161,000	135,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,828,889	2,699,212	2,682,676	2,480,418
Latest On-System Scheduled Quantity	2,396,792	2,819,576	2,841,170	2,439,890
Total Unused Capacity:	432,097	0	0	40,528
Total Excess Receipts:	0	(120,364)	(158,494)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	3,041,132	3,010,914	2,819,576	0	0	0	0	0
Evening	3,038,506	2,949,879	2,841,170	0	0	0	0	-16,821
Intraday 1	3,007,650	2,441,650	2,439,890	-448,786	0	0	0	-6,806
Intraday 2	2,889,967	2,480,418	2,441,861	-319,521	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	2,871,867	2,863,839	2,772,237	0	0	0	0	0	35,942	19,168	18,965	0	0	0	0	0
Evening	2,862,985	2,861,978	2,808,431	0	0	0	0	0	34,941	18,167	17,964	0	0	0	0	-16,774
Intraday 1	2,862,985	2,430,736	2,428,976	-380,556	0	0	0	0	24,941	5,988	5,988	-12,194	0	0	0	-6,759
Intraday 2	2,756,973	2,469,504	2,430,947	-261,720	0	0	0	0	24,941	5,988	5,988	-12,551	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	75	75	0	0	0	0	0	0	133,248	127,832	28,374	0	0	0	0	0
Evening	75	75	0	0	0	0	0	0	140,505	69,659	14,775	0	0	0	0	-47
Intraday 1	75	0	0	-75	0	0	0	0	119,649	4,926	4,926	-55,961	0	0	0	-47
Intraday 2	75	0	0	-75	0	0	0	0	0	0	0	0	0	0	0	0

A decrease in Forecasted Sendout and an increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.

* CCR-C cuts were due to reduction in Forecasted Send Out.

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

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

Maintenance Posted 11/02/2015 1:17 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	11/09/2015	11/10/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	60	61260
Storage Field - Inj	Goleta	09/28/2015	11/06/2015 11:59:59 PM PCT	Planned - Olive St. HP3 Unit Rebuild	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	11/07/2015	TBD	Planned - Storage Field full. Please see critical notice from 10/28/15 for more information.	235	239935
Storage Field - Inj	Playa del Rey	11/03/2015	11/06/2015 11:59:59 PM PCT	Unplanned - CB #9 Repair Starting Air Valve.	25	25525
Storage Field - Inj	Playa del Rey	10/21/2015	11/02/2015 11:59:59 PM PCT	Planned - Field full	75	76575
Storage Field - Wth	Aliso Canyon	11/02/2015	11/15/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/16/2015	11/18/2015 11:59:59 PM PCT	Planned - L5000 valve installation	115	116495
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/04/2015	12/01/2015 11:59:59 PM PCT	Planned - Blythe plant 3 crane repair	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500

Maintenance posted 11/03/2015 7:22AM

Storage Field - Inj	Playa del Rey	10/21/2015	11/02/2015 11:59:59 PM PCT	Planned - Field full	75	76575
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Maintenance posted 11/03/2015 1:25 PM

Storage Field - Inj	Playa del Rey	11/03/2015	11/03/2015 01:25:52 PM PCT	Unplanned - CB #9 Repair Starting Air Valve.	25	25525
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Maintenance posted 11/03/2015 2:31PM

Storage Field - Inj	Playa del Rey	11/03/2015	11/04/2015 11:59:59 PM PCT	Unplanned - Unit CB6 exhaust manifold leak repair	25	25525
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,564,745	2,393,495	2,393,495	2,601,799
Injection Capacity	161,000	135,000	135,000	135,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,729,745	2,532,495	2,532,495	2,740,799
Latest On-System Scheduled Quantity	2,841,170	2,416,159	2,443,379	2,366,578
Total Unused Capacity:	0	116,336	89,116	374,221
Total Excess Receipts:	(111,425)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,602,213	2,501,450	2,416,159	0	0	0	0	0
Evening	2,600,825	2,496,470	2,443,379	0	0	0	0	0
Intraday 1	2,552,772	2,472,736	2,366,578	0	0	0	0	0
Intraday 2	2,536,644	2,523,900	2,397,150	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	2,282,959	2,250,840	2,182,200	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,281,571	2,245,933	2,209,407	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,281,571	2,264,912	2,180,838	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,266,158	2,264,051	2,175,962	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	0	0	0	0	0	0	0	0	319,254	250,610	233,959	0	0	0	0	
Evening	0	0	0	0	0	0	0	0	319,254	250,537	233,972	0	0	0	0	
Intraday 1	0	0	0	0	0	0	0	0	271,201	207,824	185,740	0	0	0	0	
Intraday 2	0	0	0	0	0	0	0	0	270,486	259,849	221,188	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. There were no Pipeline Capacity Constraint reductions on Gas Day 11/4/2015

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,617,843	2,602,815	2,602,815	2,602,815
Injection Capacity	161,000	161,000	161,000	161,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,782,843	2,767,815	2,767,815	2,767,815
Latest On-System Scheduled Quantity	2,720,012	2,893,731	2,885,384	2,761,299
Total Unused Capacity:	62,831	0	0	6,516
Total Excess Receipts:	0	(125,916)	(117,569)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,051,910	3,045,200	2,893,731	0	0	0	0	0
Evening	3,060,181	2,988,097	2,885,384	0	0	0	0	0
Intraday 1	2,932,971	2,767,802	2,761,299	-121,925	0	0	0	0
Intraday 2	2,891,718	2,767,800	2,750,265	-85,054	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	2,935,459	2,934,817	2,830,866	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,939,228	2,909,923	2,859,160	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,861,451	2,759,058	2,752,555	-100,675	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,830,923	2,759,056	2,741,521	-70,666	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	Nominations	SCG Confirmed	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	628	628	628	0	0	0	0	0	115,823	109,755	62,237	0	0	0	0	
Evening	0	0	0	0	0	0	0	0	120,953	78,174	26,224	0	0	0	0	
Intraday 1	0	0	0	0	0	0	0	0	71,520	8,744	8,744	-21,250	0	0	0	
Intraday 2	0	0	0	0	0	0	0	0	60,795	8,744	8,744	-14,388	0	0	0	

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,290,237	2,290,237	2,288,233	2,288,233
Injection Capacity	181,000	161,000	83,000	83,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,475,237	2,455,237	2,375,233	2,375,233
Latest On-System Scheduled Quantity	2,885,384	2,233,396	2,245,544	2,214,110
Total Unused Capacity:	0	221,841	129,689	161,123
Total Excess Receipts:	(410,147)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,326,526	2,293,779	2,233,396	0	0	0	0	0
Evening	2,332,885	2,312,846	2,245,544	0	0	0	0	0
Intraday 1	2,332,885	2,320,250	2,214,110	0	0	0	0	0
Intraday 2	2,337,857	2,332,145	2,234,213	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	2,253,559	2,241,334	2,184,015	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,253,559	2,247,045	2,190,073	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,253,559	2,250,033	2,157,595	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,253,559	2,253,215	2,167,855	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2	2	2	0	0	0	0	0	72,965	52,443	49,379	0	0	0	0	
Evening	2	2	2	0	0	0	0	0	79,324	65,799	55,469	0	0	0	0	
Intraday 1	2	2	2	0	0	0	0	0	79,324	70,215	56,513	0	0	0	0	
Intraday 2	2	2	2	0	0	0	0	0	84,296	78,928	66,356	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. There were no Pipeline Capacity Constraint reductions on Gas Day 11/07/2015.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,210,089	2,210,089	2,210,089	2,511,647
Injection Capacity	83,000	83,000	83,000	83,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,297,089	2,297,089	2,297,089	2,598,647
Latest On-System Scheduled Quantity	2,245,544	2,330,073	2,338,782	2,241,266
Total Unused Capacity:	51,545	0	0	357,381
Total Excess Receipts:	0	(32,984)	(41,693)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,429,151	2,413,670	2,330,073	0	0	0	0	0
Evening	2,422,940	2,415,175	2,338,782	0	0	0	0	0
Intraday 1	2,426,935	2,297,089	2,241,266	-120,372	0	0	0	0
Intraday 2	2,437,097	2,431,618	2,296,112	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	2,371,468	2,361,356	2,305,633	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,371,468	2,371,355	2,312,120	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,371,468	2,288,201	2,232,378	-83,156	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,371,468	2,371,357	2,271,829	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	Nominations	SCG Confirmed	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2	2	2	0	0	0	0	0	57,681	52,312	24,438	0	0	0	0	
Evening	2	2	2	0	0	0	0	0	51,470	43,818	26,660	0	0	0	0	
Intraday 1	2	1	1	-1	0	0	0	0	55,465	8,887	8,887	-37,215	0	0	0	
Intraday 2	2	2	2	0	0	0	0	0	65,627	60,259	24,281	0	0	0	0	

An increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.
 * CCR-C cuts were due to customer over nominations.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,704,002	2,704,002	2,704,002	2,706,006
Injection Capacity	41,000	41,000	41,000	41,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,749,002	2,749,002	2,749,002	2,751,006
Latest On-System Scheduled Quantity	2,482,493	2,906,878	2,912,256	2,737,214
Total Unused Capacity:	266,509	0	0	13,792
Total Excess Receipts:	0	(157,876)	(163,254)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,029,354	3,023,983	2,906,878	0	0	0	0	0
Evening	3,095,044	3,062,214	2,912,256	0	0	0	0	0
Intraday 1	3,072,520	2,751,006	2,737,214	-252,896	0	0	0	0
Intraday 2	2,916,617	2,751,006	2,720,613	-152,808	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	2,955,807	2,955,804	2,869,696	0	0	0	0	0	1,877	1,877	1,877	0	0	0	0	0
Evening	2,977,464	2,966,537	2,903,776	0	0	0	0	0	1,877	1,877	1,877	0	0	0	0	0
Intraday 1	2,965,132	2,748,179	2,734,387	-198,277	0	0	0	0	1,877	626	626	-1,251	0	0	0	0
Intraday 2	2,880,400	2,748,179	2,717,786	-125,387	0	0	0	0	1,877	626	626	-1,251	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	1,659	1,659	1,659	0	0	0	0	0	70,011	64,643	33,646	0	0	0	0	0
Evening	1,692	129	129	0	0	0	0	0	114,011	93,671	6,474	0	0	0	0	0
Intraday 1	6,886	43	43	-6,843	0	0	0	0	98,625	2,158	2,158	-46,525	0	0	0	0
Intraday 2	6,886	43	43	-6,842	0	0	0	0	27,454	2,158	2,158	-19,328	0	0	0	0

An increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,599,810	2,602,815	2,706,006	2,805,190
Injection Capacity	83,000	83,000	83,000	82,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,686,810	2,689,815	2,793,006	2,891,190
Latest On-System Scheduled Quantity	2,912,256	2,610,544	2,648,714	2,650,633
Total Unused Capacity:	0	79,271	144,292	240,557
Total Excess Receipts:	(225,446)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,734,589	2,679,650	2,610,544	0	0	0	0	0
Evening	2,734,589	2,708,471	2,648,714	0	0	0	0	0
Intraday 1	2,721,366	2,715,905	2,650,633	0	0	0	0	0
Intraday 2	2,731,366	2,725,900	2,670,912	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	2,636,401	2,621,191	2,554,717	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,636,401	2,630,696	2,578,658	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,626,401	2,626,308	2,563,214	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,626,401	2,626,303	2,573,231	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	0	0	0	0	0	0	0	0	98,188	58,459	55,827	0	0	0	0	0
Evening	0	0	0	0	0	0	0	0	98,188	77,775	70,056	0	0	0	0	0
Intraday 1	0	0	0	0	0	0	0	0	94,965	89,597	87,419	0	0	0	0	0
Intraday 2	0	0	0	0	0	0	0	0	104,965	99,597	97,681	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. There were no Pipeline Capacity Constraint reductions on Gas Day 11/11/2015.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,679,958	2,805,190	2,805,190	2,813,204
Injection Capacity	83,000	41,160	41,000	41,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,766,958	2,850,350	2,850,190	2,858,204
Latest On-System Scheduled Quantity	2,648,714	2,745,707	2,902,065	2,799,867
Total Unused Capacity:	118,244	104,643	0	58,337
Total Excess Receipts:	0	0	(51,875)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,001,477	2,927,405	2,745,707	0	0	0	0	0
Evening	2,952,233	2,946,756	2,902,065	0	0	0	0	0
Intraday 1	2,915,996	2,850,190	2,799,867	-60,182	0	0	0	0
Intraday 2	2,905,545	2,856,579	2,781,067	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	2,814,720	2,746,527	2,669,310	0	0	0	0	0	3,768	3,768	3,768	0	0	0	0	0
Evening	2,814,729	2,814,620	2,785,761	0	0	0	0	0	3,768	3,768	3,768	0	0	0	0	0
Intraday 1	2,795,711	2,795,456	2,749,590	0	0	0	0	0	3,768	3,768	3,753	0	0	0	0	0
Intraday 2	2,789,337	2,784,186	2,730,985	0	0	0	0	0	3,768	3,768	3,768	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	0	0	0	0	0	0	0	0	182,989	177,110	72,629	0	0	0	0	
Evening	0	0	0	0	0	0	0	0	133,736	128,368	112,536	0	0	0	0	
Intraday 1	0	0	0	0	0	0	0	0	116,517	50,966	46,524	-60,182	0	0	0	
Intraday 2	5,923	5,923	5,127	0	0	0	0	0	106,517	62,702	41,187	0	0	0	0	

An increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 3.
 * CCR-C cuts were due to reduction in storage field injection capacity.
 * CCR-C cuts were due to customer over nominations.

Maintenance Posted 11/11/2015 1:50 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	11/11/2015	TBD	Unplanned - Compressor HP2 repairs	30	30630
Storage Field - Inj	Goleta	11/09/2015	11/10/2015 11:59:59 PM PCT	Planned - Olive St. PSEP replacement	40	40840
Storage Field - Inj	Goleta	09/28/2015	TBD	Planned - Olive St. HP3 Unit Rebuild	30	30630
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	11/13/2015	TBD	Planned - Storage Field approaching maximum capacity. Please see critical notice from 11/11/15 for more information.	235	239935
Storage Field - Inj	Playa del Rey	11/09/2015	11/20/2015 11:59:59 PM PCT	Unplanned - Compressor CB#6 repair lube and packing leak	25	25525
Storage Field - Inj	Playa del Rey	11/07/2015	TBD	Unplanned - Storage Field full	50	51050
Storage Field - Wth	Aliso Canyon	11/02/2015	11/30/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/16/2015	11/18/2015 11:59:59 PM PCT	Planned - L5000 valve installation	115	116495
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/04/2015	12/01/2015 11:59:59 PM PCT	Planned - Blythe plant 3 crane repair	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	11/13/2015	11/19/2015 11:59:59 PM PCT	Planned - L85 Pipeline safety valve improvements	40	46000
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500

Critical Notice Posted concerning Honor Rancho Storage Field

Message

Subject: Revision: Injection Capacity Reduction

Category: Critical Notices

Author: Peter N Chuong

Date Posted: 11/11/2015 01:53:33 PM

Attachment(s):

Below is a Revision to the Critical Notice on Injection Capacity Reduction posted on 10/28/2015:

The Honor Rancho Storage Field is approaching its maximum inventory limit. Depending on weather and operating conditions, the field is projected to be full on 11/19. Until then, there will be limited injection capacity. For questions please contact the Gas Scheduling Helpline at (213)-244-3900.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation				
Forecasted Send Out	2,571,758	2,578,771	2,578,771	2,578,771
Injection Capacity	93,000	93,000	124,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,668,758	2,675,771	2,706,771	2,706,771
Latest On-System Scheduled Quantity	2,902,065	2,593,483	2,704,339	2,626,900
Total Unused Capacity:	0	82,288	2,432	79,871
Total Excess Receipts:	(233,307)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,830,865	2,773,217	2,593,483	0	0	0	0	0
Evening	2,830,865	2,784,003	2,704,339	0	0	0	0	0
Intraday 1	2,777,473	2,706,776	2,626,900	-29,469	0	0	0	0
Intraday 2	2,756,524	2,706,774	2,629,013	-11,459	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	2,554,934	2,530,646	2,421,725	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,554,934	2,538,901	2,532,577	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,535,134	2,532,244	2,499,271	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,535,134	2,532,758	2,499,878	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	17,689	17,689	17,689	0	0	0	0	0	258,242	224,882	154,069	0	0	0	0	
Evening	17,689	17,689	17,689	0	0	0	0	0	258,242	227,413	154,073	0	0	0	0	
Intraday 1	17,689	17,689	17,689	0	0	0	0	0	224,650	156,843	109,940	-29,469	0	0	0	
Intraday 2	17,689	17,689	17,689	0	0	0	0	0	203,701	156,327	111,446	-11,459	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.

Maintenance Posted 11/12/2015 4:30 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	11/11/2015	11/12/2015 04:30:49 PM PCT	Unplanned -- Compressor HP2 repairs	30	30630
Storage Field - Inj	Goleta	09/28/2015	TBD	Planned - Olive St. HP3 Unit Rebuild	30	30630
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	11/12/2015	TBD	Planned - Storage Field approaching maximum capacity. Please see critical notice from 11/11/15 for more information.	195	199095
Storage Field - Inj	Playa del Rey	11/09/2015	11/20/2015 11:59:59 PM PCT	Unplanned - Compressor CB#6 repair lube and packing leak	25	25525
Storage Field - Inj	Playa del Rey	11/07/2015	11/12/2015 11:59:59 PM PCT	Unplanned - Storage Field full	50	51050
Storage Field - Wth	Aliso Canyon	11/02/2015	11/30/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/16/2015	11/18/2015 11:59:59 PM PCT	Planned - L5000 valve installation	115	116495
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/04/2015	12/01/2015 11:59:59 PM PCT	Planned - Blythe plant 3 crane repair	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660
Zone	CP-Line 85	10/28/2015	11/12/2015 11:59:59 PM PCT	Planned - L8109 drop section replacements.	30	34500

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,422,482	2,448,530	2,448,530	2,448,530
Injection Capacity	124,000	124,000	124,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,550,482	2,576,530	2,576,530	2,576,530
Latest On-System Scheduled Quantity	2,704,339	2,364,167	2,431,382	2,409,629
Total Unused Capacity:	0	212,363	145,148	166,901
Total Excess Receipts:	(153,857)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,582,826	2,499,767	2,364,167	0	0	0	0	0
Evening	2,574,133	2,532,579	2,431,382	0	0	0	0	0
Intraday 1	2,598,854	2,546,298	2,409,629	0	0	0	0	0
Intraday 2	2,583,744	2,556,100	2,434,681	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	2,461,428	2,418,765	2,309,302	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,425,035	2,417,114	2,348,616	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,425,997	2,423,299	2,331,191	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,425,915	2,425,896	2,340,041	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	0	0	0	0	0	0	0	0	121,398	81,002	54,865	0	0	0	0	
Evening	0	0	0	0	0	0	0	0	149,098	115,465	82,766	0	0	0	0	
Intraday 1	0	0	0	0	0	0	0	0	172,857	122,999	78,438	0	0	0	0	
Intraday 2	0	0	0	0	0	0	0	0	157,829	130,204	94,640	0	0	0	0	

There were no Pipeline Capacity Constraint reductions on Gas Day 11/14/2015
 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:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation				
Forecasted Send Out	2,839,253	2,839,253	2,792,166	2,792,166
Injection Capacity	124,000	175,050	177,000	177,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,967,253	3,018,303	2,973,166	2,973,166
Latest On-System Scheduled Quantity	3,019,068	2,574,672	2,701,166	2,707,049
Total Unused Capacity:	0	443,631	272,000	266,117
Total Excess Receipts:	(51,815)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,787,418	2,659,106	2,574,672	0	0	0	0	0
Evening	2,836,618	2,764,392	2,701,166	0	0	0	0	0
Intraday 1	2,807,197	2,781,729	2,707,049	0	0	0	0	0
Intraday 2	2,807,197	2,800,550	2,707,212	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	2,681,656	2,595,078	2,528,614	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Evening	2,681,656	2,639,267	2,614,658	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Intraday 1	2,698,256	2,692,167	2,619,092	0	0	0	0	0	5,000	5,000	5,000	0	0	0	0	0
Intraday 2	2,698,256	2,698,254	2,615,103	0	0	0	0	0	5,000	5,000	5,000	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	1,548	1,548	1,548	0	0	0	0	0	99,214	57,480	39,510	0	0	0	0	0
Evening	1,548	1,548	1,548	0	0	0	0	0	148,414	118,577	79,960	0	0	0	0	0
Intraday 1	1,548	1,548	1,545	0	0	0	0	0	102,393	83,014	81,412	0	0	0	0	0
Intraday 2	1,548	1,548	1,545	0	0	0	0	0	102,393	95,748	85,564	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 11/14/2015
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

Maintenance posted 11/17/2015 1:38 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	12/01/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	10/26/2015	11/30/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	09/28/2015	TBD	Planned - Olive St. HP3 Unit Rebuild	30	30630
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	11/12/2015	TBD	Planned - Storage Field approaching maximum capacity. Please see critical notice from 11/17/15 for more information.	145	148045
Storage Field - Inj	Playa del Rey	11/09/2015	11/20/2015 11:59:59 PM PCT	Unplanned - Compressor CB#6 repair tube and packing leak	25	25525
Storage Field - Wth	Aliso Canyon	11/02/2015	11/30/2015 11:59:59 PM PCT	Planned - High inventory shut-in.	1850	1888850
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/16/2015	11/19/2015 11:59:59 PM PCT	Planned - L5000 valve installation	115	116495
Sub-Zone	EP-Ehrenberg/NBP-Blythe	11/04/2015	12/01/2015 11:59:59 PM PCT	Planned - Blythe plant 3 crane repair	135	136755
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,609,828	2,557,732	2,505,635	2,391,424
Injection Capacity	125,000	125,000	125,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,738,828	2,686,732	2,634,635	2,519,424
Latest On-System Scheduled Quantity	2,514,371	2,660,741	2,668,843	2,568,710
Total Unused Capacity:	224,457	25,991	0	0
Total Excess Receipts:	0	0	(34,208)	(49,286)

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,725,561	2,710,435	2,660,741	0	0	0	0	0
Evening	2,729,052	2,712,924	2,668,843	0	0	0	0	0
Intraday 1	2,666,122	2,634,635	2,568,710	-20,929	0	0	0	0
Intraday 2	2,633,945	2,519,423	2,519,422	-99,609	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	2,611,692	2,607,271	2,597,361	0	0	0	0	0	3,196	3,196	3,196	0	0	0	0	0
Evening	2,611,696	2,609,760	2,607,732	0	0	0	0	0	3,196	3,196	3,196	0	0	0	0	0
Intraday 1	2,567,782	2,564,161	2,516,581	0	0	0	0	0	3,196	3,196	3,196	0	0	0	0	0
Intraday 2	2,567,782	2,491,110	2,491,109	-73,824	0	0	0	0	3,196	1,598	1,598	-1,598	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	1,105	1,105	1,105	0	0	0	0	0	109,568	98,863	59,079	0	0	0	0	0
Evening	1,105	1,105	1,105	0	0	0	0	0	113,055	98,863	56,810	0	0	0	0	0
Intraday 1	1,105	1,105	1,105	0	0	0	0	0	94,039	66,173	47,828	-20,929	0	0	0	0
Intraday 2	1,105	553	553	-552	0	0	0	0	61,862	26,162	26,162	-23,635	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.
 * CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,218,103	2,105,896	2,105,896	2,105,896
Injection Capacity	125,000	124,000	124,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,347,103	2,233,896	2,233,896	2,233,896
Latest On-System Scheduled Quantity	2,668,843	2,198,897	2,238,937	2,213,737
Total Unused Capacity:	0	34,999	0	20,159
Total Excess Receipts:	(321,740)	0	(5,041)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,303,037	2,227,982	2,198,897	0	0	0	0	0
Evening	2,303,044	2,242,693	2,238,937	0	0	0	0	0
Intraday 1	2,292,133	2,233,896	2,213,737	-14,107	0	0	0	0
Intraday 2	0	0	0	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	2,219,379	2,183,587	2,161,105	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,219,386	2,198,298	2,196,446	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,210,812	2,205,950	2,185,794	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,287,128	2,233,897	2,207,232	-9,734	0	0	0	0	2,205,924	2,201,149	2,178,823	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	1,244	0	0	0	0	0	0	0	82,414	44,395	37,792	0	0	0	0	
Evening	1,244	0	0	0	0	0	0	0	82,414	44,395	42,491	0	0	0	0	
Intraday 1	1,244	0	0	0	0	0	0	0	80,077	27,946	27,943	-14,107	0	0	0	
Intraday 2	0	0	0	0	0	0	0	0	1,244	0	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:	No OFO	No OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,131,944	2,131,944	2,131,944	2,125,933
Injection Capacity	124,000	124,000	124,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,259,944	2,259,944	2,259,944	2,253,933
Latest On-System Scheduled Quantity	2,238,937	2,228,389	2,286,418	2,239,267
Total Unused Capacity:	21,007	31,555	0	14,666
Total Excess Receipts:	0	0	(26,474)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,287,037	2,271,927	2,228,389	0	0	0	0	0
Evening	2,327,168	2,317,590	2,286,418	0	0	0	0	0
Intraday 1	2,286,302	2,259,946	2,239,267	-19,407	0	0	0	0
Intraday 2	2,286,302	2,253,936	2,239,268	-25,418	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 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	2,231,002	2,222,832	2,206,326	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,243,502	2,240,863	2,236,723	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,236,240	2,236,224	2,218,823	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,236,240	2,233,490	2,218,822	-2,738	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	Nominations	SCG Confirmed	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,244	0	0	0	0	0	0	0	54,791	49,095	22,063	0	0	0	0	
Evening	1,244	0	0	0	0	0	0	0	82,422	76,727	49,695	0	0	0	0	
Intraday 1	1,244	0	0	0	0	0	0	0	48,818	23,722	20,444	-19,407	0	0	0	
Intraday 2	1,244	0	0	0	0	0	0	0	48,818	20,446	20,446	-22,680	0	0	0	

An increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 3.
 * CCR-C cuts were due to customer over nominations.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,748,084	2,472,574	2,472,574	2,477,584
Injection Capacity	124,000	124,000	124,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,876,084	2,600,574	2,600,574	2,605,584
Latest On-System Scheduled Quantity	2,728,534	2,754,710	2,601,041	2,374,221
Total Unused Capacity:	147,550	0	0	231,363
Total Excess Receipts:	0	(154,136)	(467)	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	*CCR-A
Timely	2,851,266	2,830,620	2,754,710	0	0	0	0	-4,489
Evening	2,809,869	2,643,204	2,601,041	0	0	0	0	0
Intraday 1	2,758,448	2,390,973	2,374,221	-329,575	0	0	0	0
Intraday 2	2,669,061	2,395,983	2,387,128	-238,100	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	2,725,187	2,714,722	2,689,418	0	0	0	0	0	11,252	11,252	11,252	0	0	0	0	0
Evening	2,725,420	2,592,819	2,580,961	0	0	0	0	0	11,252	11,252	11,252	0	0	0	0	0
Intraday 1	2,702,185	2,384,277	2,367,525	-304,694	0	0	0	0	11,252	3,751	3,751	-7,501	0	0	0	0
Intraday 2	2,613,414	2,389,287	2,380,432	-222,714	0	0	0	0	11,252	3,751	3,751	-7,501	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	2,271	2,271	2,250	0	0	0	0	0	112,556	102,375	51,790	0	0	0	0	-4,489
Evening	2,271	2,271	2,250	0	0	0	0	0	70,926	36,862	6,578	0	0	0	0	0
Intraday 1	2,043	750	750	-1,279	0	0	0	0	42,968	2,195	2,195	-16,101	0	0	0	0
Intraday 2	2,043	750	750	-1,272	0	0	0	0	42,352	2,195	2,195	-6,613	0	0	0	0

* CCR-A cuts were due to capacity constraints within the Needles/Topock Area caused by maintenance.
 * CCR-C cuts were due to customer over nominations and reduction in Forecasted Send Out.

Message

Subject: Total System Capacity Reduction

Category: Critical Notices

Author: Vahan Chaparyan

Date Posted: 11/24/2015 05:45:15 PM

Attachment(s):

Effective immediately and through Sunday November 29th, the Total System Capacity will be reduced by 200 MMCFD in order to accommodate operations at the Aliso Storage Field. For questions please contact the Gas Scheduling Helpline at (213) 244-3900.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,421,480	2,384,411	2,384,411	2,617,843
Injection Capacity	124,000	124,000	124,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	14,000	14,000
Net System Capacity:	2,549,480	2,512,411	2,522,411	2,755,843
Latest On-System Scheduled Quantity	2,601,041	2,194,433	2,183,988	2,168,468
Total Unused Capacity:	0	317,978	338,423	587,375
Total Excess Receipts:	(51,561)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,333,796	2,319,580	2,194,433	0	0	0	0	0
Evening	2,295,666	2,285,883	2,183,988	0	0	0	0	0
Intraday 1	2,295,666	2,290,462	2,168,468	0	0	0	0	0
Intraday 2	2,268,586	2,263,382	2,166,388	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	2,245,094	2,236,071	2,143,035	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,231,964	2,227,373	2,157,482	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,231,964	2,231,952	2,141,962	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,233,164	2,233,152	2,138,162	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,304	1,304	1,304	0	0	0	0	0	87,398	82,205	50,094	0	0	0	0	
Evening	1,304	1,304	1,304	0	0	0	0	0	62,398	57,206	25,202	0	0	0	0	
Intraday 1	1,304	1,304	1,304	0	0	0	0	0	62,398	57,206	25,202	0	0	0	0	
Intraday 2	1,304	1,304	1,304	0	0	0	0	0	34,118	28,926	26,922	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. There were no Pipeline Capacity Constraint reductions on Gas Day 11/26/2015

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,363,372	2,363,372	2,493,613	2,805,190
Injection Capacity	124,000	124,000	124,000	124,000
Latest Off-System Scheduled Quantity	4,000	4,000	4,000	4,000
Net System Capacity:	2,491,372	2,491,372	2,621,613	2,933,190
Latest On-System Scheduled Quantity	2,225,985	2,292,084	2,255,320	2,245,947
Total Unused Capacity:	265,387	199,288	366,293	687,243
Total Excess Receipts:	0	0	0	0

	Total							
	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,369,779	2,354,575	2,292,084	0	0	0	0	0
Evening	2,339,169	2,333,965	2,255,320	0	0	0	0	0
Intraday 1	2,339,169	2,333,965	2,245,947	0	0	0	0	0
Intraday 2	2,309,369	2,279,007	2,230,566	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	2,253,684	2,243,672	2,213,185	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,272,084	2,272,072	2,225,431	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,272,084	2,272,072	2,222,369	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,272,084	2,259,952	2,213,515	0	0	0	0	0	0	0	0	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	750	750	750	0	0	0	0	0	115,345	110,153	78,149	0	0	0	0	
Evening	750	750	750	0	0	0	0	0	66,335	61,143	29,139	0	0	0	0	
Intraday 1	750	750	750	0	0	0	0	0	66,335	61,143	22,828	0	0	0	0	
Intraday 2	950	950	950	0	0	0	0	0	36,335	18,105	16,101	0	0	0	0	

There were no Pipeline Capacity Constraint reductions on Gas Day 11/28/2015

Critical Notice posted 11/24/2015 5:45PM

Message

Subject: Total System Capacity Reduction

Category: Critical Notices

Author: Vahan Chaparyan

Date Posted: 11/24/2015 05:45:15 PM

Attachment(s):

Effective immediately and through Sunday November 29th, the Total System Capacity will be reduced by 200 MMCFD in order to accommodate operations at the Aliso Storage Field. For questions please contact the Gas Scheduling Helpline at (213) 244-3900.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,607,824	2,607,824	2,607,824	2,738,065
Injection Capacity	202,000	202,000	234,000	234,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	2,812,824	2,812,824	2,844,824	2,975,065
Latest On-System Scheduled Quantity	3,155,930	2,506,135	2,498,375	2,477,939
Total Unused Capacity:	0	306,689	346,449	497,126
Total Excess Receipts:	(343,106)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,572,242	2,539,530	2,506,135	0	0	0	0	0
Evening	2,547,960	2,531,670	2,498,375	0	0	0	0	0
Intraday 1	2,547,960	2,536,702	2,477,939	0	0	0	0	0
Intraday 2	2,516,960	2,511,764	2,473,001	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	2,427,938	2,418,742	2,407,249	0	0	0	0	0	19	19	19	0	0	0	0	0
Evening	2,417,839	2,416,824	2,405,476	0	0	0	0	0	19	19	19	0	0	0	0	0
Intraday 1	2,417,839	2,417,833	2,385,861	0	0	0	0	0	19	19	19	0	0	0	0	0
Intraday 2	2,406,839	2,406,835	2,374,863	0	0	0	0	0	19	19	19	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	0	0	0	0	0	0	0	0	144,285	120,769	98,867	0	0	0	0	0
Evening	0	0	0	0	0	0	0	0	130,102	114,827	92,880	0	0	0	0	0
Intraday 1	0	0	0	0	0	0	0	0	130,102	118,850	92,059	0	0	0	0	0
Intraday 2	0	0	0	0	0	0	0	0	110,102	104,910	98,119	0	0	0	0	0

There were no Pipeline Capacity Constraint reductions on Gas Day 02/25/2016
 OFO first called on Timely cycle. The Latest scheduled quantity of the Prior Day Evening Cycle was used to calculate OFO.

Maintenance posting 12/06/2015 11:29 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	09/13/2015	12/18/2015 11:59:59 PM PCT	Planned- Line 235 pipeline remediation work between Newberry Compressor Station and Adelanto Compressor Station. See Critical Notice posted 7/15/15 for further details.	500	507000
Storage Field - Inj	Aliso Canyon	12/19/2015	TBD	Planned - System injection capacity reduced in order to accommodate operations at the Aliso Cyn Storage Field.	80	81680
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Aliso Canyon	10/26/2015	12/18/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	400	408400
Storage Field - Inj	Goleta	09/28/2015	12/04/2015 04:44:36 PM PCT	Planned - Olive St. HP3 Unit Rebuild	30	30630
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	70	71470
Storage Field - Inj	Honor Rancho	11/12/2015	TBD	Planned - Storage Field approaching maximum capacity. Please see critical notice from 11/17/15 for more information.	145	148045
Storage Field - Wth	Aliso Canyon	11/25/2015	12/18/2015 11:59:59 PM PCT	Planned - Aliso Canyon Turbine Replacement Project (ACTR) Tie-ins.	850	867850
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626
Sub-Zone	TW-Topock/EP-Topock	02/23/2016	03/05/2016 11:59:59 PM PCT	Planned - L3000 Internal Line Inspection (ILI) Phases 1-3.	190	192660

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Last updated: 12/04/2015 04:53:06 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,969,494	2,735,060	2,735,060	2,735,060
Injection Capacity	135,000	135,000	135,000	135,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	3,107,494	2,873,060	2,873,060	2,873,060
Latest On-System Scheduled Quantity	2,566,112	3,035,647	3,018,423	2,849,367
Total Unused Capacity:	541,382	0	0	23,693
Total Excess Receipts:	0	(162,587)	(145,363)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	* CCR-S	CCR-R	CCR-Z	CCR-A
Timely	3,164,364	3,116,116	3,035,647	0	-30,377	0	0	0
Evening	3,161,714	3,121,955	3,018,423	0	0	0	0	0
Intraday 1	3,010,319	2,873,043	2,849,367	-111,087	0	0	0	0
Intraday 2	2,936,381	2,873,060	2,854,261	-51,387	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	2,863,520	2,852,472	2,793,533	0	0	0	0	0	32,019	32,019	31,997	0	0	0	0	0
Evening	2,908,749	2,893,929	2,881,253	0	0	0	0	0	32,019	32,019	32,019	0	0	0	0	0
Intraday 1	2,897,317	2,827,319	2,803,644	-69,012	0	0	0	0	32,020	10,673	10,673	-21,347	0	0	0	0
Intraday 2	2,864,431	2,827,337	2,808,538	-35,703	0	0	0	0	10,673	10,673	10,673	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	6,788	6,788	6,788	0	0	0	0	0	262,037	224,837	203,329	0	-30,377	0	0	0
Evening	6,788	6,788	6,788	0	0	0	0	0	214,158	189,219	98,363	0	0	0	0	0
Intraday 1	6,788	2,263	2,263	-4,522	0	0	0	0	74,194	32,788	32,787	-16,206	0	0	0	0
Intraday 2	6,788	2,263	2,263	-4,522	0	0	0	0	54,489	32,787	32,787	-11,162	0	0	0	0

A decrease in Forecasted Sendout and an increase in the latest scheduled quantity resulted in declaration of OFO on Cycle 2.

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

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,761,108	2,709,012	2,709,012	2,709,012
Injection Capacity	135,000	135,000	135,000	135,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	2,899,108	2,847,012	2,847,012	2,847,012
Latest On-System Scheduled Quantity	3,018,423	2,180,590	2,297,656	2,283,947
Total Unused Capacity:	0	666,422	549,356	563,065
Total Excess Receipts:	(119,315)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,354,134	2,251,373	2,180,590	0	0	0	0	0
Evening	2,396,269	2,355,576	2,297,656	0	0	0	0	0
Intraday 1	2,396,691	2,361,376	2,283,947	0	0	0	0	0
Intraday 2	2,299,274	2,292,570	2,254,632	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	1,942,341	1,942,336	1,903,557	0	0	0	0	0	89,764	0	0	0	0	0	0	0
Evening	2,032,107	2,032,100	2,021,366	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,032,339	2,032,330	2,002,179	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,008,310	2,006,941	1,973,120	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	6,736	6,736	6,736	0	0	0	0	0	315,293	302,301	270,297	0	0	0	0	
Evening	6,736	6,736	6,736	0	0	0	0	0	357,426	316,740	269,554	0	0	0	0	
Intraday 1	6,926	6,926	6,926	0	0	0	0	0	357,426	322,120	274,842	0	0	0	0	
Intraday 2	6,926	6,783	6,783	0	0	0	0	0	284,038	278,846	274,729	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. There were no Pipeline Capacity Constraint reductions on Gas Day 12/09/2015

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation				
Forecasted Send Out	2,390,770	2,390,770	2,340,607	2,340,607
Injection Capacity	20,000	20,000	20,000	20,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,417,770	2,417,770	2,367,607	2,367,607
Latest On-System Scheduled Quantity	2,461,864	2,371,250	2,390,964	2,348,663
Total Unused Capacity:	0	46,520	0	18,944
Total Excess Receipts:	(44,094)	0	(23,357)	0

Low OFO Calculation				
Forecasted Total Daily Customer Imbalance	0	0	0	0
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,439,704	2,429,695	2,371,250	0	0	0	0	0
Evening	2,441,155	2,431,146	2,390,964	0	0	0	0	0
Intraday 1	2,444,139	2,367,604	2,348,663	-67,409	0	0	0	0
Intraday 2	2,446,892	2,367,605	2,344,057	-56,687	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	2,383,691	2,380,060	2,324,308	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,385,141	2,381,510	2,344,021	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,384,991	2,351,955	2,333,014	-30,019	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,385,042	2,351,956	2,328,408	-29,936	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	Nominations	SCG Confirmed	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	0	0	0	0	0	0	0	0	56,013	49,635	46,942	0	0	0	0	0
Evening	0	0	0	0	0	0	0	0	56,014	49,636	46,943	0	0	0	0	0
Intraday 1	0	0	0	0	0	0	0	0	59,148	15,649	15,649	-37,390	0	0	0	0
Intraday 2	2,702	0	0	-2,702	0	0	0	0	59,148	15,649	15,649	-24,049	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.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO

High OFO Calculation

Forecasted Send Out	2,159,017	2,137,948	2,139,955	2,239,278
Injection Capacity	145,000	145,000	83,000	166,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,311,017	2,289,948	2,229,955	2,412,278
Latest On-System Scheduled Quantity	2,390,964	2,256,412	2,278,320	2,189,575
Total Unused Capacity:	0	33,536	0	222,703
Total Excess Receipts:	(79,947)	0	(48,365)	0

Low OFO Calculation

Forecasted Total Daily Customer Imbalance	0	0	0	0
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,370,004	2,344,461	2,256,412	0	0	0	0	0
Evening	2,368,025	2,336,075	2,278,320	0	0	0	0	0
Intraday 1	2,367,647	2,229,955	2,189,575	-113,540	0	0	0	0
Intraday 2	2,308,926	2,293,336	2,203,720	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	2,329,954	2,325,550	2,243,963	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,329,975	2,319,164	2,267,871	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,329,597	2,226,471	2,186,091	-100,113	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,278,552	2,276,971	2,196,492	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	Nominations	SCG Confirm	Scheduled	*CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,538	1,538	1,538	0	0	0	0	0	38,512	17,373	10,911	0	0	0	0	0
Evening	502	502	502	0	0	0	0	0	37,548	16,409	9,947	0	0	0	0	0
Intraday 1	502	168	168	-334	0	0	0	0	37,548	3,316	3,316	-13,093	0	0	0	0
Intraday 2	502	502	502	0	0	0	0	0	29,872	15,863	6,726	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 reduction in storage field injection capacity.

Maintenance Posting 2/13/2016 2:16 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	02/17/2016	02/21/2016 11:59:59 PM PCT	Planned - L235-2 maintenance and remediation.	540	547560
Storage Field - Inj	Aliso Canyon	12/19/2015	TBD	Planned - System injection capacity reduced in order to accommodate operations at the Aliso Cyn Storage Field.	80	81680
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Goleta	12/12/2016	TBD	Unplanned- Olive st. HP1 programming issue.	20	20420
Storage Field - Inj	Goleta	12/06/2015	TBD	Unplanned - Olive St. Compressor HP2 water leak repair.	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	90	91890
Storage Field - Inj	Honor Rancho	02/14/2016	TBD	Unplanned - Main unit horsepower and RPM reductions required due to mechanical limitations.	20	20420
Storage Field - Inj	Honor Rancho	02/13/2016	TBD	Unplanned- MU4 discharge valve leak.	50	51050
Storage Field - Inj	Honor Rancho	02/11/2016	02/13/2016 02:13:29 AM PCT	Unplanned - Injection header repairs.	450	453150
Storage Field - Inj	Honor Rancho	02/09/2016	02/16/2016 11:59:59 PM PCT	Unplanned - Honor Rancho MU#3 main bearing repair.	50	51050
Storage Field - Inj	Honor Rancho	01/27/2016	03/31/2016 11:59:59 PM PCT	Planned - MU2 compressor and engine rebuild.	50	51050
Storage Field - Inj	Playa del Rey	02/08/2016	TBD	Unplanned- Field Full.	75	76575
Storage Field - Wth	Aliso Canyon	12/19/2015	TBD	Withdrawal from Aliso canyon is discontinued unless needed for system reliability.	1850	1888850
Storage Field - Wth	Honor Rancho	02/04/2016	02/16/2016 11:59:59 PM PCT	Force Majeure- Hydrate in dehydration system vessel.	400	408400
Storage Field - Wth	Playa del Rey	02/07/2016	TBD	Planned - Sub Surface Safety Valve installation 6 wells	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	202	204626

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Maintenance Posting 02/13/2016 5:38AM

Storage Field - Inj	Honor Rancho	02/13/2016	TBD	Unplanned - Main unit horsepower and RPM reductions required due to mechanical limitations.	20	20420
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Maintenance Posting 02/13/2016 9:50AM

Storage Field - Inj	Goleta	02/13/2016	TBD	Unplanned- Olive st. HP1 programming issue.	20	20420
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Maintenance Posting 02/13/2016 11:54AM

Storage Field - Inj	Honor Rancho	02/13/2016	TBD	Unplanned - Main unit horsepower and RPM reductions required due to mechanical limitations.	40	40840
Storage Field - Inj	Honor Rancho	02/13/2016	02/13/2016 11:53:27 AM PGT	Unplanned- MU4 discharge valve leak.	50	51050
Storage Field - Inj	Honor Rancho	02/09/2016	02/13/2016 11:53:19 AM PGT	Unplanned - Honor Rancho MU#3 main bearing repair.	50	51050

Maintenance Posting 02/13/2016 12:52PM

Storage Field - Inj	Goleta	02/13/2016	02/13/2016 12:52:38 PM PGT	Unplanned - Olive st. HP1 programming issue.	20	20420
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,590,419	2,657,637	2,554,301	2,554,301
Injection Capacity	187,000	187,000	187,000	145,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,784,419	2,851,637	2,748,301	2,706,301
Latest On-System Scheduled Quantity	2,784,998	2,556,901	2,614,511	2,551,437
Total Unused Capacity:	0	294,736	133,790	154,864
Total Excess Receipts:	(579)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,660,581	2,652,376	2,556,901	0	0	0	0	0
Evening	2,700,744	2,694,168	2,614,511	0	0	0	0	0
Intraday 1	2,627,304	2,621,338	2,551,437	0	0	0	0	0
Intraday 2	2,663,478	2,657,990	2,598,607	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	2,427,229	2,424,212	2,365,356	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,427,228	2,425,840	2,382,803	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,427,378	2,426,599	2,363,716	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,426,478	2,426,177	2,373,836	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	401	401	401	0	0	0	0	0	232,951	227,763	191,144	0	0	0	0	
Evening	401	401	401	0	0	0	0	0	273,115	267,927	231,307	0	0	0	0	
Intraday 1	401	401	401	0	0	0	0	0	199,525	194,338	187,320	0	0	0	0	
Intraday 2	401	401	401	0	0	0	0	0	236,599	231,412	224,370	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. There were no Pipeline Capacity Constraint reductions on Gas Day 02/19/2016.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,345,623	2,293,454	2,293,454	2,366,692
Injection Capacity	238,000	197,000	197,000	197,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,590,623	2,497,454	2,497,454	2,570,692
Latest On-System Scheduled Quantity	2,614,511	2,400,885	2,404,414	2,355,471
Total Unused Capacity:	0	96,569	93,040	215,221
Total Excess Receipts:	(23,888)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,449,611	2,441,700	2,400,885	0	0	0	0	0
Evening	2,451,631	2,444,151	2,404,414	0	0	0	0	0
Intraday 1	2,429,632	2,422,631	2,355,471	0	0	0	0	0
Intraday 2	2,429,422	2,423,825	2,353,393	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	2,320,331	2,317,608	2,282,665	0	0	0	0	0	9,909	9,909	9,908	0	0	0	0	0
Evening	2,321,351	2,319,059	2,281,361	0	0	0	0	0	9,909	9,909	9,908	0	0	0	0	0
Intraday 1	2,319,867	2,318,054	2,252,934	0	0	0	0	0	9,909	9,909	9,908	0	0	0	0	0
Intraday 2	2,319,657	2,319,248	2,250,855	0	0	0	0	0	9,909	9,909	9,908	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	22,765	22,764	22,764	0	0	0	0	0	96,606	91,419	85,548	0	0	0	0	0
Evening	22,765	22,764	22,764	0	0	0	0	0	97,606	92,419	90,381	0	0	0	0	0
Intraday 1	22,765	22,764	22,764	0	0	0	0	0	77,091	71,904	69,865	0	0	0	0	0
Intraday 2	22,765	22,764	22,764	0	0	0	0	0	77,091	71,904	69,866	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. There were no Pipeline Capacity Constraint reductions on Gas Day 02/20/2016.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
High OFO Calculation				
Forecasted Send Out	2,267,369	2,267,369	2,269,375	2,233,258
Injection Capacity	264,000	264,000	265,000	265,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	2,538,369	2,538,369	2,541,375	2,505,258
Latest On-System Scheduled Quantity	2,597,044	2,289,169	2,291,927	2,181,537
Total Unused Capacity:	0	249,200	249,448	323,721
Total Excess Receipts:	(58,675)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,344,249	2,332,253	2,289,169	0	0	0	0	0
Evening	2,329,456	2,322,476	2,291,927	0	0	0	0	0
Intraday 1	2,325,456	2,319,386	2,181,537	0	0	0	0	0
Intraday 2	2,325,456	2,319,386	2,181,174	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	2,308,364	2,301,627	2,260,637	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,298,391	2,296,670	2,268,203	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,298,391	2,297,579	2,161,762	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,298,391	2,297,579	2,161,399	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	5,565	5,565	5,565	0	0	0	0	0	30,320	25,061	22,967	0	0	0	0	
Evening	13,875	13,875	13,875	0	0	0	0	0	17,190	11,931	9,849	0	0	0	0	
Intraday 1	13,875	13,875	13,875	0	0	0	0	0	13,190	7,932	5,900	0	0	0	0	
Intraday 2	13,875	13,875	13,875	0	0	0	0	0	13,190	7,932	5,900	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. There were no Pipeline Capacity Constraint reductions on Gas Day 02/27/2016.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
Forecasted Send Out	2,598,445	2,442,940	2,442,940	2,442,940
Injection Capacity	186,000	186,000	186,000	186,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,802,445	2,646,940	2,646,940	2,646,940
Latest On-System Scheduled Quantity	2,731,319	2,668,222	2,664,927	2,592,078
Total Unused Capacity:	71,126	0	0	54,862
Total Excess Receipts:	0	(21,282)	(17,987)	0

	Total							
	Nominations	SCG Confirm	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,781,683	2,749,764	2,668,222	0	0	0	0	0
Evening	2,781,883	2,765,259	2,664,927	0	0	0	0	0
Intraday 1	2,671,493	2,646,940	2,592,078	-2,392	0	0	0	0
Intraday 2	2,668,323	2,646,940	2,593,320	-5,046	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	2,726,569	2,719,159	2,639,624	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,726,664	2,719,188	2,620,863	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,634,487	2,617,818	2,563,368	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,634,517	2,618,232	2,564,612	-1,942	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	Nominations	SCG Confirmed	Scheduled	* CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	19,071	110	110	0	0	0	0	0	36,043	30,495	28,488	0	0	0	0	
Evening	19,071	15,110	15,110	0	0	0	0	0	36,148	30,961	28,954	0	0	0	0	
Intraday 1	15,110	15,110	15,110	0	0	0	0	0	21,896	14,012	13,600	-2,392	0	0	0	
Intraday 2	15,110	15,110	15,110	0	0	0	0	0	18,696	13,598	13,598	-3,104	0	0	0	

A decrease in Forecasted Sendout resulted in declaration of OFO on Cycle 2.

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
Forecasted Send Out	2,369,702	2,369,702	2,369,702	2,376,724
Injection Capacity	186,000	186,000	186,000	187,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,573,702	2,573,702	2,573,702	2,581,724
Latest On-System Scheduled Quantity	2,664,927	2,284,324	2,297,904	2,277,287
Total Unused Capacity:	0	289,378	275,798	304,437
Total Excess Receipts:	(91,225)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,392,501	2,357,897	2,284,324	0	0	0	0	0
Evening	2,382,285	2,364,023	2,297,904	0	0	0	0	0
Intraday 1	2,382,545	2,380,482	2,277,287	0	0	0	0	0
Intraday 2	2,374,545	2,372,482	2,275,970	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	2,363,260	2,344,237	2,272,521	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,356,237	2,343,844	2,279,582	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,356,237	2,356,200	2,255,331	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,346,466	2,346,429	2,252,243	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	244	244	244	0	0	0	0	0	28,997	13,416	11,559	0	0	0	0	
Evening	244	244	244	0	0	0	0	0	25,804	19,935	18,078	0	0	0	0	
Intraday 1	244	243	243	0	0	0	0	0	26,064	24,039	21,713	0	0	0	0	
Intraday 2	244	243	243	0	0	0	0	0	27,835	25,810	23,484	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. There were no Pipeline Capacity Constraint reductions on Gas Day 03/05/2016.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
Forecasted Send Out	2,401,806	2,401,806	2,373,715	2,591,422
Injection Capacity	165,000	165,000	165,000	165,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,584,806	2,584,806	2,556,715	2,774,422
Latest On-System Scheduled Quantity	2,719,775	2,289,813	2,308,115	2,334,594
Total Unused Capacity:	0	294,993	248,600	439,828
Total Excess Receipts:	(134,969)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,408,987	2,325,276	2,289,813	0	0	0	0	0
Evening	2,399,255	2,397,228	2,308,115	0	0	0	0	0
Intraday 1	2,409,433	2,407,406	2,334,594	0	0	0	0	0
Intraday 2	2,409,275	2,407,248	2,340,251	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	2,105,885	2,074,040	2,041,072	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,106,186	2,106,181	2,089,058	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,097,403	2,097,398	2,093,923	0	0	0	0	0	8,928	8,928	8,928	0	0	0	0	0
Intraday 2	2,097,245	2,097,240	2,093,786	0	0	0	0	0	8,928	8,928	8,928	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	47	47	47	0	0	0	0	0	303,055	251,189	248,694	0	0	0	0	
Evening	47	47	47	0	0	0	0	0	293,022	291,000	219,010	0	0	0	0	
Intraday 1	47	47	47	0	0	0	0	0	303,055	301,033	231,696	0	0	0	0	
Intraday 2	47	47	47	0	0	0	0	0	303,055	301,033	237,490	0	0	0	0	

There were no Pipeline Capacity Constraint reductions on Gas Day 03/12/2016. 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 OFO	No OFO	High OFO	High OFO
Forecasted Send Out	2,536,243	2,536,243	2,404,816	2,404,816
Injection Capacity	185,000	185,000	185,000	185,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,739,243	2,739,243	2,607,816	2,607,816
Latest On-System Scheduled Quantity	2,380,401	2,606,608	2,629,545	2,528,595
Total Unused Capacity:	358,842	132,635	0	79,221
Total Excess Receipts:	0	0	(21,729)	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,884,552	2,866,550	2,606,608	0	0	0	0	0
Evening	2,683,900	2,681,896	2,629,545	0	0	0	0	0
Intraday 1	2,625,218	2,607,816	2,528,595	-14,899	0	0	0	0
Intraday 2	2,586,841	2,584,363	2,497,305	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	2,596,219	2,590,186	2,543,540	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,618,783	2,618,772	2,570,704	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,548,914	2,548,908	2,469,912	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,525,374	2,525,307	2,440,257	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	38,048	38,048	38,048	0	0	0	0	0	250,285	238,316	25,020	0	0	0	0	
Evening	38,048	38,048	38,048	0	0	0	0	0	27,069	25,076	20,793	0	0	0	0	
Intraday 1	38,048	38,048	38,048	0	0	0	0	0	38,256	20,860	20,635	-14,899	0	0	0	
Intraday 2	38,048	38,048	38,048	0	0	0	0	0	23,419	21,008	19,000	0	0	0	0	

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

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
Forecasted Send Out	2,383,747	2,383,747	2,419,865	2,419,865
Injection Capacity	185,000	185,000	186,000	186,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,586,747	2,586,747	2,623,865	2,623,865
Latest On-System Scheduled Quantity	2,629,545	2,312,818	2,303,411	2,272,848
Total Unused Capacity:	0	273,929	320,454	351,017
Total Excess Receipts:	(42,798)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,351,648	2,346,334	2,312,818	0	0	0	0	0
Evening	2,351,648	2,348,345	2,303,411	0	0	0	0	0
Intraday 1	2,348,733	2,345,430	2,272,848	0	0	0	0	0
Intraday 2	2,348,739	2,345,436	2,264,795	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	2,235,584	2,234,073	2,202,602	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,235,584	2,235,580	2,192,693	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,233,672	2,233,668	2,164,385	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,233,678	2,233,674	2,159,328	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	188	188	188	0	0	0	0	0	115,876	112,073	110,028	0	0	0	0	
Evening	188	188	188	0	0	0	0	0	115,876	112,577	110,530	0	0	0	0	
Intraday 1	188	188	188	0	0	0	0	0	114,873	111,574	108,275	0	0	0	0	
Intraday 2	188	188	188	0	0	0	0	0	114,873	111,574	105,279	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. There were no Pipeline Capacity Constraint reductions on Gas Day 3/17/2016.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
Forecasted Send Out	2,155,004	2,155,004	2,138,952	2,076,749
Injection Capacity	186,000	186,000	186,000	186,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,359,004	2,359,004	2,342,952	2,280,749
Latest On-System Scheduled Quantity	2,371,461	2,041,204	2,127,467	2,116,721
Total Unused Capacity:	0	317,800	215,485	164,028
Total Excess Receipts:	(12,457)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,168,349	2,089,046	2,041,204	0	0	0	0	0
Evening	2,166,136	2,163,992	2,127,467	0	0	0	0	0
Intraday 1	2,176,314	2,174,170	2,116,721	0	0	0	0	0
Intraday 2	2,176,640	2,174,495	2,117,045	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	2,137,096	2,061,457	2,016,122	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,138,768	2,138,767	2,105,099	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,138,913	2,138,912	2,084,320	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,138,913	2,138,911	2,084,318	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	14,832	13,161	13,161	0	0	0	0	0	16,421	14,428	11,921	0	0	0	0	
Evening	13,160	13,160	13,160	0	0	0	0	0	14,208	12,065	9,208	0	0	0	0	
Intraday 1	13,160	13,160	13,160	0	0	0	0	0	24,241	22,098	19,241	0	0	0	0	
Intraday 2	13,160	13,160	13,160	0	0	0	0	0	24,567	22,424	19,567	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. There were no Pipeline Capacity Constraint reductions on Gas Day 3/19/2016.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	High OFO	High OFO	High OFO	High OFO
Forecasted Send Out	2,018,560	2,009,531	2,009,531	1,947,329
Injection Capacity	185,000	186,000	186,000	186,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,221,560	2,213,531	2,213,531	2,151,329
Latest On-System Scheduled Quantity	2,270,522	2,178,370	2,177,978	2,131,556
Total Unused Capacity:	0	35,161	35,553	19,773
Total Excess Receipts:	(48,962)	0	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,272,554	2,220,333	2,178,370	0	0	0	0	0
Evening	2,257,146	2,216,741	2,177,978	0	0	0	0	0
Intraday 1	2,210,270	2,199,008	2,131,556	0	0	0	0	0
Intraday 2	2,154,019	2,146,610	2,077,658	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	2,165,844	2,153,100	2,113,734	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,165,844	2,152,731	2,116,533	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,152,813	2,147,435	2,082,548	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,114,087	2,108,670	2,042,285	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,183	1,183	1,183	0	0	0	0	0	105,527	66,050	63,453	0	0	0	0	
Evening	1,183	1,183	1,183	0	0	0	0	0	90,119	62,827	60,262	0	0	0	0	
Intraday 1	1,182	1,182	1,182	0	0	0	0	0	56,275	50,391	47,826	0	0	0	0	
Intraday 2	1,182	1,182	1,182	0	0	0	0	0	38,750	36,758	34,191	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. There were no Pipeline Capacity Constraint reductions on Gas Day 3/26/2016.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	High OFO	High OFO	High OFO
Forecasted Send Out	1,993,479	1,993,479	2,024,580	2,024,580
Injection Capacity	186,000	186,000	186,000	186,000
Latest Off-System Scheduled Quantity	18,000	18,000	18,000	18,000
Net System Capacity:	2,197,479	2,197,479	2,228,580	2,228,580
Latest On-System Scheduled Quantity	2,177,978	2,239,392	2,197,262	2,176,567
Total Unused Capacity:	19,501	0	31,318	52,013
Total Excess Receipts:	0	(41,913)	0	0

	Total							
	Nominations	SCG Confirm	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	2,292,667	2,290,672	2,239,392	0	0	0	0	0
Evening	2,252,667	2,249,187	2,197,262	0	0	0	0	0
Intraday 1	2,241,924	2,228,584	2,176,567	-9,539	0	0	0	0
Intraday 2	2,232,424	2,228,585	2,147,708	-86	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	2,172,632	2,172,630	2,139,323	0	0	0	0	0	0	0	0	0	0	0	0	0
Evening	2,154,240	2,152,753	2,118,801	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 1	2,143,322	2,141,508	2,098,023	0	0	0	0	0	0	0	0	0	0	0	0	0
Intraday 2	2,143,322	2,141,557	2,078,573	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	Nominations	SCG Confirmed	Scheduled	CCR-C	CCR-S	CCR-R	CCR-Z	CCR-A
Timely	1,183	1,183	1,183	0	0	0	0	0	118,852	116,859	98,886	0	0	0	0	
Evening	1,183	1,183	1,183	0	0	0	0	0	97,244	95,251	77,278	0	0	0	0	
Intraday 1	1,182	1,182	1,182	0	0	0	0	0	97,420	85,894	77,362	-9,539	0	0	0	
Intraday 2	1,182	1,182	1,182	0	0	0	0	0	87,920	85,846	67,953	-86	0	0	0	

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



ATTACHMENT 2

TO

**MAY 19, 2016
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

DETAILED CALCULATION FOR EACH LOW OFO EVENT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	Low OFO	Low OFO	Low OFO
Stage:		Stage 1	Stage 1	Stage 1
Tolerance %:		-12	-12	-12
Forecasted Total Daily Customer Imbalance	0	494,570	494,570	494,570
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	(146,570)	(146,570)	(146,570)

Total Withdrawals						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	313,951	313,951	313,951	2,789,000	0	0
Evening	357,173	333,189	333,189	2,789,000	0	0
Intraday 1	524,173	500,189	500,189	2,795,000	0	0
Intraday 2	497,101	497,101	497,101	2,795,000	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	13,884	13,884	13,884
Evening	17,106	17,106	17,106
Intraday 1	34,106	34,106	34,106
Intraday 2	39,026	39,026	39,026

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
	300,067	300,067	300,067
	340,067	316,083	316,083
	490,067	466,083	466,083
	458,075	458,075	458,075

*There were no LOFO-I or LOFO-F reductions to the system.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	Low OFO, Stage 1, -8%	Low OFO, Stage 1, -8%	Low OFO, Stage 1, -8%

High OFO Calculation				
Forecasted Send Out	4,271,903	4,245,855	4,249,862	4,145,669
Injection Capacity	114,000	114,000	114,000	114,000
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	4,388,903	4,362,855	4,366,862	4,262,669
Latest On-System Scheduled Quantity	1,987,331	2,064,131	1,754,942	1,687,792
Total Unused Capacity:	2,401,572	2,298,724	2,611,920	2,574,877
Total Excess Receipts:	0	0	0	0

Low OFO Calculation				
Forecasted Total Daily Customer Imbalance	0	530,346	0	0
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	(182,346)	0	0

Total						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	1,111,560	1,108,445	1,108,445	3,307,000	0	0
Evening	2,014,276	2,014,161	2,014,161	3,307,000	0	0
Intraday 1	2,344,168	2,314,780	2,314,780	3,310,000	0	0
Intraday 2	2,498,550	2,457,764	2,157,764	3,310,000	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	955,683	952,568	952,568
Evening	1,593,399	1,593,284	1,593,284
Intraday 1	1,780,591	1,780,345	1,780,345
Intraday 2	1,898,741	1,891,510	1,891,510

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
	155,877	155,877	155,877
	420,877	420,877	420,877
	563,577	534,435	534,435
	599,809	566,254	266,254

*There were no LOFO-I or LOFO-F reductions to the system.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	Low OFO, Stage EFO, 0%	Low OFO, Stage EFO, 0%

High OFO Calculation

Forecasted Send Out	4,249,862	4,093,573	4,067,525	3,833,091
Injection Capacity	114,000	114,000	114,000	190,575
Latest Off-System Scheduled Quantity	3,000	3,000	3,000	3,000
Net System Capacity:	4,366,862	4,210,573	4,184,525	4,026,666
Latest On-System Scheduled Quantity	1,754,942	2,098,517	1,945,322	1,991,068
Total Unused Capacity:	2,611,920	2,112,056	2,239,203	2,035,598
Total Excess Receipts:	0	0	0	0

Low OFO Calculation

Forecasted Total Daily Customer Imbalance	0	0	349,000	349,000
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	0	(1,000)	(1,000)

Total						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	1,966,910	1,965,834	1,965,834	3,310,000	0	0
Evening	1,920,560	1,919,534	1,919,534	3,310,000	0	0
Intraday 1	2,893,582	2,848,567	2,848,567	3,310,000	0	-44,020
Intraday 2	2,710,459	2,709,423	2,709,423	3,310,000	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	1,582,227	1,581,151	1,581,151
Evening	1,556,412	1,555,386	1,555,386
Intraday 1	2,315,444	2,313,465	2,313,465
Intraday 2	2,342,230	2,341,194	2,341,194

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
	384,683	384,683	384,683
	364,148	364,148	364,148
	578,138	535,102	535,102
	368,229	368,229	368,229

*LOFO-I reductions were due to nominations greater than the permissible Interruptible Withdrawal Capacity.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	Low OFO, Stage 1, -9%	Low OFO, Stage 1, -9%

High OFO Calculation

Forecasted Send Out	3,752,195	3,801,354	3,752,195	3,752,195
Injection Capacity	306,000	306,000	306,000	306,000
Latest Off-System Scheduled Quantity	7,000	7,000	7,000	7,000
Net System Capacity:	4,065,195	4,114,354	4,065,195	4,065,195
Latest On-System Scheduled Quantity	2,749,260	2,584,118	2,479,279	2,670,991
Total Unused Capacity:	1,315,935	1,530,236	1,585,916	1,394,204
Total Excess Receipts:	0	0	0	0

Low OFO Calculation

Forecasted Total Daily Customer Imbalance	0	218,606	368,187	368,187
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	0	(20,187)	(20,187)

Total						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	884,327	884,325	884,325	1,745,000	0	0
Evening	1,034,327	1,030,158	1,030,158	1,743,000	0	0
Intraday 1	1,299,028	824,296	824,296	1,329,000	-114,049	-360,681
Intraday 2	1,029,707	1,004,015	1,004,015	1,533,200	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	529,792	529,790	529,790
Evening	529,792	529,790	529,790
Intraday 1	766,504	652,453	652,453
Intraday 2	773,497	750,567	750,567

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	354,535	354,535	354,535
Evening	504,535	500,368	500,368
Intraday 1	532,524	171,843	171,843
Intraday 2	256,210	253,448	253,448

LOFO-F reductions were due to decrease in Withdrawal Capacity due to maintenance.
 LOFO-I reductions were due to decrease in Withdrawal Capacity due to maintenance.
 Due to an error, ID1 LOFO-F and LOFO-I reductions were calculated incorrectly and were corrected for ID2.
 There were no C4 LOFO-F/LOFO-I reductions due to an increase in Withdrawal Capacity.

Maintenance Posted 02/02/2016 5:25PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Storage Field - Inj	Aliso Canyon	12/19/2015	TBD	Planned - System injection capacity reduced in order to accommodate operations at the Aliso Cyn Storage Field.	80	81680
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Goleta	12/06/2015	TBD	Unplanned - Olive St. Compressor HP2 water leak repair.	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	90	91890
Storage Field - Inj	Honor Rancho	01/27/2016	03/31/2016 11:59:59 PM PCT	Planned - MU2 compressor and engine rebuild.	50	51050
Storage Field - Wth	Aliso Canyon	12/19/2015	TBD	Withdrawal from Aliso canyon is discontinued unless needed for system reliability.	1850	1888850
Storage Field - Wth	Honor Rancho	02/02/2016	02/03/2016 11:59:59 PM PCT	Force Majeure - Hydrate in dehydration system vessel.	400	408400
Sub-Zone	EP-Ehrenberg/NBP-Blythe	02/01/2016	02/14/2016 11:59:59 PM PCT	Unplanned - Compressor Clark 14 excessive high comp cylinder temp	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	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>						
<p>Last updated: 02/02/2016 05:25:32 PM PCT</p>						

Critical Notice Posted 02/03/2016 1:43PM

ENVOY has encountered an error while processing Intraday 1 Firm withdrawal nominations for gas day 2/3/2016. Our IT department is currently reviewing this matter and anticipates a resolution for Intraday 2 cycle.

Critical Notice Posted 02/03/2016 3:27PM

The matter regarding the Firm Withdrawals for Gas Day 2/3 has been resolved for ID2. We apologize for the inconvenience and thank you again for your patience.

Maintenance Posted 02/03/2016 12:48PM

Storage Field - Wth	Honor Rancho	02/02/2016	02/03/2016 11:59:59 PM PCT	Force Majeure - Hydrate in dehydration system vessel.	200	204200
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	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	Low OFO	Low OFO
Stage:			Stage 1	Stage 1
Tolerance %:			-10	-10
Forecasted Total Daily Customer Imbalance	0	92,324	515,808	515,808
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	0	(167,808)	(167,808)

Total Withdrawals						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	451,359	323,415	323,415	1,539,000	0	0
Evening	351,359	223,415	223,415	1,331,000	0	0
Intraday 1	682,675	615,415	615,415	1,331,000	0	0
Intraday 2	534,862	496,963	496,963	1,331,000	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	84,788	84,786	84,786
Evening	84,788	84,786	84,786
Intraday 1	204,994	178,999	178,999
Intraday 2	195,044	168,287	168,287

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
	366,571	238,629	238,629
	266,571	138,629	138,629
	477,681	436,416	436,416
	339,818	328,676	328,676

Maintenance Posted 02/04/2016 11:02 AM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	02/10/2016	02/14/2016 11:59:59 PM PCT	Planned - L235-2 maintenance and remediation.	540	547560
Storage Field - Inj	Aliso Canyon	12/19/2015	TBD	Planned - System injection capacity reduced in order to accommodate operations at the Aliso Cyn Storage Field.	80	81680
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Goleta	12/06/2015	TBD	Unplanned - Olive St. Compressor HP2 water leak repair.	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	90	91890
Storage Field - Inj	Honor Rancho	01/27/2016	03/31/2016 11:59:59 PM PCT	Planned - MU2 compressor and engine rebuild.	50	51050
Storage Field - Inj	Playa del Rey	02/09/2016	02/11/2016 11:59:59 PM PCT	Unplanned- Main unit Electronics upgrade.	25	25525
Storage Field - Wth	Aliso Canyon	12/19/2015	TBD	Withdrawal from Aliso canyon is discontinued unless needed for system reliability.	1850	1888850
Storage Field - Wth	Honor Rancho	02/04/2016	02/05/2016 11:59:59 PM PCT	Force Majeure- Hydrate in dehydration system vessel.	400	408400
Sub-Zone	EP-Ehrenberg/NBP-Blythe	02/01/2016	02/14/2016 11:59:59 PM PCT	Unplanned - Compressor Clark 14 excessive high comp cylinder temp	100	101300
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	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.

Last updated: 02/04/2016 11:02:08 AM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	Low OFO	Low OFO
Stage:			Stage 1	Stage 1
Tolerance %:			-15	-15
Forecasted Total Daily Customer Imbalance	0	147,199	365,049	365,049
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	0	(17,049)	(17,049)

Total Withdrawals						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	55,629	55,629	55,629	1,276,000	0	0
Evening	55,629	55,629	55,629	1,276,000	0	0
Intraday 1	186,534	164,619	164,619	1,693,000	0	0
Intraday 2	187,484	165,769	165,769	1,693,000	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	35,068	35,068	35,068
Evening	35,068	35,068	35,068
Intraday 1	126,949	125,001	125,001
Intraday 2	127,899	126,151	126,151

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
	20,561	20,561	20,561
	20,561	20,561	20,561
	59,585	39,618	39,618
	59,585	39,618	39,618

Maintenance posted 02/13/2016 3:45 PM

Point Type Desc	Point Description	Start Date	End Date	Description	Capacity Reduction (MMCF)	Capacity Reduction (Dth)
Area Zone	Needles/Topock Area Zone	02/17/2016	02/21/2016 11:59:59 PM PCT	Planned - L235-2 maintenance and remediation.	540	547560
Storage Field - Inj	Aliso Canyon	12/19/2015	TBD	Planned - System injection capacity reduced in order to accommodate operations at the Aliso Cvn Storage Field.	80	81680
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - Turbine maintenance project.	300	306300
Storage Field - Inj	Aliso Canyon	12/19/2015	03/31/2016 11:59:59 PM PCT	Planned - K3 Engine rebuild.	20	20420
Storage Field - Inj	Goleta	12/06/2015	TBD	Unplanned - Olive St. Compressor HP2 water leak repair.	20	20420
Storage Field - Inj	Goleta	03/12/2013	TBD	Non Maintenance related due to North Costal demand and available supply.	90	91890
Storage Field - Inj	Honor Rancho	02/13/2016	TBD	Unplanned - Main unit horsepower and RPM reductions required due to mechanical limitations.	40	40840
Storage Field - Inj	Honor Rancho	01/27/2016	03/31/2016 11:59:59 PM PCT	Planned - MU2 compressor and engine rebuild.	50	51050
Storage Field - Inj	Playa del Rey	02/08/2016	TBD	Unplanned- Field Full.	75	76575
Storage Field - Wth	Aliso Canyon	12/19/2015	TBD	Withdrawal from Aliso canyon is discontinued unless needed for system reliability.	1850	1888850
Storage Field - Wth	Honor Rancho	02/04/2016	02/13/2016 03:45:27 PM PCT	Force Majeure- Hydrate in dehydration system vessel.	400	408400
Storage Field - Wth	Playa del Rey	02/07/2016	TBD	Planned - Sub Surface Safety Valve installation 6 wells	50	51050
Sub-Zone	EP-Ehrenberg/NBP-Blythe	01/02/2015	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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	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.

Last updated: 02/13/2016 03:45:41 PM PCT

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	Low OFO	Low OFO	Low OFO
Stage:		Stage 1	Stage 1	Stage 1
Tolerance %:		-12	-12	-12
Forecasted Total Daily Customer Imbalance	0	617,362	185,060	185,060
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	(269,362)	0	0

Total Withdrawals						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	43,453	43,453	43,453	1,693,000	0	0
Evening	212,453	195,152	195,152	1,693,000	0	0
Intraday 1	173,676	173,676	173,676	1,693,000	0	0
Intraday 2	196,753	196,753	196,753	1,690,000	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	30,454	30,454	30,454
Evening	149,454	149,385	149,385
Intraday 1	149,754	149,754	149,754
Intraday 2	153,754	153,754	153,754

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
	12,999	12,999	12,999
	62,999	45,767	45,767
	23,922	23,922	23,922
	42,999	42,999	42,999

There were no LOFO-I or LOFO-F reductions.

	Timely	Evening	Intraday 1	Intraday 2
OFO Declared:	No OFO	No OFO	Low OFO	Low OFO
Stage:			Stage 1	Stage 1
Tolerance %:			-10	-10
Forecasted Total Daily Customer Imbalance	0	316,347	496,887	496,887
Storage Withdrawal Limit For Balancing	348,000	348,000	348,000	348,000
Excess Storage Withdrawal For Balancing:	0	0	(148,887)	(148,887)

Total Withdrawals						
	Nominations	SCG Confirmed	Scheduled	Withdrawal Capacity	LOFO-F	LOFO-I
Timely	158,453	158,438	158,438	1,690,000	0	0
Evening	158,453	158,122	158,122	1,690,000	0	0
Intraday 1	787,139	787,124	787,124	1,691,000	0	0
Intraday 2	822,279	811,068	811,068	1,693,000	0	0

Firm Withdrawal			
	Nominations	SCG Confirmed	Scheduled
Timely	30,454	30,454	30,454
Evening	30,454	30,138	30,138
Intraday 1	704,140	704,140	704,140
Intraday 2	730,530	729,140	729,140

Interruptible Withdrawal			
	Nominations	SCG Confirmed	Scheduled
	127,999	127,984	127,984
	127,999	127,984	127,984
	82,999	82,984	82,984
	91,749	81,928	81,928

There were no LOFO-I or LOFO-F reductions.



ATTACHMENT 3

TO

**MAY 19, 2016
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: 161,000 Dth

Flow Date(s) Requested: June 08, 2015

Time of Request: 06:49 a.m. June 08, 2015

Reason for Request: Southern System scheduled quantities 161,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenburg)

Quantity Requested: 185,000 Dth

Flow Date(s) Requested: June 09, 2015

Time of Request: 8:15 p.m. June 08, 2015

Reason for Request: Southern System scheduled quantities 185,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenburg)

Quantity Requested: 66,000 Dth

Flow Date(s) Requested: June 10, 2015

Time of Request: 10:00 a.m. June 09, 2015

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 to acquire gas supplies to ensure system reliability.

Location: Southern System (Ehrenberg)

Quantity Requested: 58,000 Dth

Flow Date(s) Requested: June 16, 2015

Time of Request: 10:00 a.m. June 15, 2015

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 to acquire gas supplies to ensure system reliability.

Location: Southern System (Ehrenberg)

Quantity Requested: 77,000 Dth

Flow Date(s) Requested: June 17, 2015

Time of Request: 10:00 a.m. June 16, 2015

Reason for Request: Southern System scheduled quantities 77,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 59,000 Dth

Flow Date(s) Requested: June 18, 2015

Time of Request: 10:00 a.m. June 17, 2015

Reason for Request: Southern System scheduled quantities 59,332 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 53,000 Dth

Flow Date(s) Requested: June 22, 2015

Time of Request: 8:00 pm June 21, 2015

Reason for Request: Southern System scheduled quantities 52,914 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 227,000 Dth

Flow Date(s) Requested: June 25, 2015

Time of Request: 7:30:00 am June 25, 2015

Reason for Request: Southern System scheduled quantities 227,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 261,000 Dth

Flow Date(s) Requested: June 26, 2015

Time of Request: 11:00 am June 25, 2015

Reason for Request: Southern System scheduled quantities 261,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 53,000 Dth

Flow Date(s) Requested: June 26, 2015

Time of Request: 8:30 pm June 25, 2015

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 to acquire gas supplies to ensure system reliability.

Location: Southern System (Ehrenberg)

Quantity Requested: 90,000 Dth

Flow Date(s) Requested: June 27, 2015

Time of Request: 10:30 am June 26, 2015

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 to acquire gas supplies to ensure system reliability.

Location: Southern System (Ehrenberg)

Quantity Requested: 252,000 Dth

Flow Date(s) Requested: June 30, 2015

Time of Request: 8:30 pm June 29, 2015

Reason for Request: Southern System scheduled quantities 252,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 57,000 Dth

Flow Date(s) Requested: June 30, 2015

Time of Request: 11:40 am June 30, 2015

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



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 181,000 Dth

Flow Date(s) Requested: July 1, 2015

Time of Request: 10:30:00 am June 30, 2015

Reason for Request: Southern System scheduled quantities 181,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 200,000 Dth

Flow Date(s) Requested: July 2, 2015

Time of Request: 10:30:00 am July 1, 2015

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



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 107,000 Dth

Flow Date(s) Requested: August 27, 2015

Time of Request: 9:11 pm August 26, 2015

Reason for Request: Southern System scheduled quantities 107,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 91,000 Dth

Flow Date(s) Requested: September 8, 2015

Time of Request: 9:15:00 am September 8, 2015

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 to acquire gas supplies to ensure system reliability.

Location: Southern System (Ehrenberg)

Quantity Requested: 48,000 Dth

Flow Date(s) Requested: September 10, 2015

Time of Request: 8:30 pm September 9, 2015

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



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 142,754 Dth

Flow Date(s) Requested: December 28, 2015

Time of Request: 8:22:00 pm December 27, 2015

Reason for Request: Southern System scheduled quantities 142,754 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 96,000 Dth

Flow Date(s) Requested: December 28, 2015

Time of Request: 2:00 pm December 28, 2015

Reason for Request: Southern System scheduled quantities 96,000 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 55,000 Dth

Flow Date(s) Requested: December 29, 2015

Time of Request: 8:47 pm December 28, 2015

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 to acquire gas supplies to ensure system reliability.

Location: Southern System (Ehrenberg)

Quantity Requested: 40,000 Dth

Flow Date(s) Requested: February 2, 2016

Time of Request: 10:26:00 am February 1, 2016

Reason for Request: Southern System scheduled quantities 38,427 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 41,000 Dth

Flow Date(s) Requested: February 2, 2016

Time of Request: 8:08:00 pm February 1, 2016

Reason for Request: Southern System scheduled quantities 41,272 Dth below the southern system minimum flowing supply requirement.



Southern System Reliability Request

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

Location: Southern System (Ehrenberg)

Quantity Requested: 15,000 Dth

Flow Date(s) Requested: February 3, 2016

Time of Request: 8:30:00 pm February 2, 2016

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



ATTACHMENT 4

TO

**MAY 19, 2016
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

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



A Sempra Energy utility

Southern System Minimum Flow Baseload Purchase/Sale Summary
Annual Report of System Reliability Issues
December 2015 - March 2016

	Total		December 2015		January 2016		February 2016		March 2016	
	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD
Bought	30,811,607	70,335,846	7,690,696	19,149,833	7,840,661	20,777,752	7,394,579	17,081,477	7,885,671	13,326,784
In-Kind Charge	89,297	-	14,216	-	25,460	-	24,011	-	25,610	-
Otay Transport Cost	-	-	-	-	-	-	-	-	-	-
BTS	-	5,140,139	-	1,395,619	-	1,274,453	-	1,194,160	-	1,275,906
Broker Fees	-	-	-	-	-	-	-	-	-	-
Net Amount Flowed	30,722,310	\$ 75,475,985	7,676,480	\$ 20,545,452	7,815,201	\$ 22,052,204	7,370,568	\$ 18,275,638	7,860,061	\$ 14,602,690
Net Sales	30,722,310	\$ 73,252,634	7,676,480	\$ 19,818,818	7,815,201	\$ 21,505,561	7,370,568	\$ 17,923,486	7,860,061	\$ 14,004,768
Net Cost		\$ 2,223,351		\$ 726,634		\$ 546,643		\$ 352,152		\$ 597,922
Cost/Dth		\$ 0.07		\$ 0.09		\$ 0.07		\$ 0.05		\$ 0.08

Southern System Minimum Flow Purchase/Sale

Annual Report of System Reliability Issues

December 2015 Activity

DAILY (PLANNED)

2.42 Border NGI

2.59 Citygate NGI

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .185%	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	2667	50,000	92	49,908	\$2.4900	Sec 18	EP - Ehrenberg	\$124,500.00	\$8,875.64	Daily	2668	49,908	\$2.5850	Sec 18	SCG - City Gate	\$129,012.18
	Daily		2669	40,000	74	39,926	\$2.4900	Sec 18	EP - Ehrenberg	\$99,600.00	\$7,100.44	Daily	2670	39,926	\$2.5850	Sec 18	SCG - City Gate	\$103,208.71
	Daily		2679	125,000	231	124,769	\$2.4900	Sec 18	EP - Ehrenberg	\$311,250.00	\$22,188.92	Daily	2680	124,769	\$2.5800	Sec 18	SCG - City Gate	\$321,904.02
	Daily		2681	40,000	74	39,926	\$2.4900	Sec 18	EP - Ehrenberg	\$99,600.00	\$7,100.44	Daily	2682	39,926	\$2.5800	Sec 18	SCG - City Gate	\$103,009.08

Total	255,000	255,000	471	254,529	\$634,950.00	\$45,265.44	254,529	\$657,133.99	\$23,081.45
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

TOTAL FOR DECEMBER (ACTUAL)

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .185%	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	2667	1,505,722	2,776	1,502,946	\$2.4900	Sec 18	EP - Ehrenberg	\$3,749,247.78	\$273,572.54	Daily	2668	1,502,946	\$2.5850	Sec 18	SCG - City Gate	\$3,885,115.41
	Daily		2669	1,199,268	2,220	1,197,048	\$2.4900	Sec 18	EP - Ehrenberg	\$2,986,177.32	\$218,667.43	Daily	2670	1,197,048	\$2.5850	Sec 18	SCG - City Gate	\$3,094,369.08
	Daily		2679	3,778,257	6,985	3,771,272	\$2.4900	Sec 18	EP - Ehrenberg	\$9,407,859.93	\$684,421.60	Daily	2680	3,771,272	\$2.5800	Sec 18	SCG - City Gate	\$9,729,881.76
	Daily		2681	1,207,449	2,235	1,205,214	\$2.4900	Sec 18	EP - Ehrenberg	\$3,006,548.01	\$218,957.89	Daily	2682	1,205,214	\$2.5800	Sec 18	SCG - City Gate	\$3,109,452.12

Total	7,905,000	7,690,696	14,216	7,676,480	\$19,149,833.04	\$1,395,619.46	7,676,480	\$19,818,818.37	\$726,634.13
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

Southern System Minimum Flow Purchase/Sale

Annual Report of System Reliability Issues

January 2016 Activity

DAILY (PLANNED)

2.58 Border NGI

2.76 Citygate NGI

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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	2667	50,000	162	49,838	\$2.6500	Sec 18	EP - Ehrenberg	\$132,500.00	\$8,074.25	Daily	2668	49,838	\$2.7550	Sec 18	SCG - City Gate	\$137,303.69
	Daily		2669	40,000	130	39,870	\$2.6500	Sec 18	EP - Ehrenberg	\$106,000.00	\$6,459.34	Daily	2670	39,870	\$2.7550	Sec 18	SCG - City Gate	\$109,841.85
	Daily		2679	125,000	406	124,594	\$2.6500	Sec 18	EP - Ehrenberg	\$331,250.00	\$20,185.47	Daily	2680	124,594	\$2.7500	Sec 18	SCG - City Gate	\$342,633.50
	Daily		2681	40,000	130	39,870	\$2.6500	Sec 18	EP - Ehrenberg	\$106,000.00	\$6,459.34	Daily	2682	39,870	\$2.7500	Sec 18	SCG - City Gate	\$109,642.50

Total		255,000		255,000	828	254,172				\$675,750.00	\$41,178.41			254,172				\$699,421.54	\$17,506.87
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

TOTAL FOR JANUARY (ACTUAL)

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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	2667	1,539,234	4,988	1,534,246	\$2.6500	Sec 18	EP - Ehrenberg	\$4,078,970.10	\$249,954.17	Daily	2668	1,534,246	\$2.7550	Sec 18	SCG - City Gate	\$4,226,847.73
	Daily		2669	1,221,455	3,970	1,217,485	\$2.6500	Sec 18	EP - Ehrenberg	\$3,236,855.75	\$199,640.59	Daily	2670	1,217,485	\$2.7550	Sec 18	SCG - City Gate	\$3,354,171.18
	Daily		2679	3,848,462	12,500	3,835,962	\$2.6500	Sec 18	EP - Ehrenberg	\$10,198,424.30	\$624,892.65	Daily	2680	3,835,962	\$2.7500	Sec 18	SCG - City Gate	\$10,548,895.50
	Daily		2681	1,231,510	4,002	1,227,508	\$2.6500	Sec 18	EP - Ehrenberg	\$3,263,501.50	\$199,965.33	Daily	2682	1,227,508	\$2.7500	Sec 18	SCG - City Gate	\$3,375,647.00

Total		7,905,000		7,840,661	25,460	7,815,201				\$20,777,751.65	\$1,274,452.73			7,815,201				\$21,505,561.41	\$546,642.98
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

Southern System Minimum Flow Purchase/Sale

Annual Report of System Reliability Issues

February 2016 Activity

DAILY (PLANNED)

2.24 Border NGI

2.44 Citygate NGI

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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	2667	50,000	162	49,838	\$2.3100	Sec 18	EP - Ehrenberg	\$115,500.00	\$8,074.25	Daily	2668	49,838	\$2.4350	Sec 18	SCG - City Gate	\$121,355.53
	Daily		2669	40,000	130	39,870	\$2.3100	Sec 18	EP - Ehrenberg	\$92,400.00	\$6,459.34	Daily	2670	39,870	\$2.4350	Sec 18	SCG - City Gate	\$97,083.45
	Daily		2679	125,000	406	124,594	\$2.3100	Sec 18	EP - Ehrenberg	\$288,750.00	\$20,185.47	Daily	2680	124,594	\$2.4300	Sec 18	SCG - City Gate	\$302,763.42
	Daily		2681	40,000	130	39,870	\$2.3100	Sec 18	EP - Ehrenberg	\$92,400.00	\$6,459.34	Daily	2682	39,870	\$2.4300	Sec 18	SCG - City Gate	\$96,884.10

Total		255,000		255,000	828	254,172				\$589,050.00	\$41,178.41			254,172				\$618,086.50	\$12,141.91
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

TOTAL FOR FEBRUARY (ACTUAL)

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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	7,395,000	2667	1,449,581	4,697	1,444,884	\$2.3100	Sec 18	EP - Ehrenberg	\$3,348,532.11	\$234,139.83	Daily	2668	1,444,884	\$2.4350	Sec 18	SCG - City Gate	\$3,518,292.54
	Daily		2669	1,160,000	3,770	1,156,230	\$2.3100	Sec 18	EP - Ehrenberg	\$2,679,600.00	\$187,320.82	Daily	2670	1,156,230	\$2.4350	Sec 18	SCG - City Gate	\$2,815,420.05
	Daily		2679	3,624,999	11,774	3,613,225	\$2.3100	Sec 18	EP - Ehrenberg	\$8,373,747.69	\$585,378.71	Daily	2680	3,613,225	\$2.4300	Sec 18	SCG - City Gate	\$8,780,136.75
	Daily		2681	1,159,999	3,770	1,156,229	\$2.3100	Sec 18	EP - Ehrenberg	\$2,679,597.69	\$187,320.79	Daily	2682	1,156,229	\$2.4300	Sec 18	SCG - City Gate	\$2,809,636.47

Total		7,395,000		7,394,579	24,011	7,370,568				\$17,081,477.49	\$1,194,160.16			7,370,568				\$17,923,485.81	\$352,151.84
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

Southern System Minimum Flow Purchase/Sale

Annual Report of System Reliability Issues

March 2016 Activity

DAILY (PLANNED)

1.62 Border NGI

1.79 Citygate NGI

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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	2667	50,000	162	49,838	\$1.6900	Sec 18	EP - Ehrenberg	\$84,500.00	\$8,074.25	Daily	2668	49,838	\$1.7850	Sec 18	SCG - City Gate	\$88,960.83
	Daily		2669	40,000	130	39,870	\$1.6900	Sec 18	EP - Ehrenberg	\$67,600.00	\$6,459.34	Daily	2670	39,870	\$1.7850	Sec 18	SCG - City Gate	\$71,167.95
	Daily		2679	125,000	406	124,594	\$1.6900	Sec 18	EP - Ehrenberg	\$211,250.00	\$20,185.47	Daily	2680	124,594	\$1.7800	Sec 18	SCG - City Gate	\$221,777.32
	Daily		2681	40,000	130	39,870	\$1.6900	Sec 18	EP - Ehrenberg	\$67,600.00	\$6,459.34	Daily	2682	39,870	\$1.7800	Sec 18	SCG - City Gate	\$70,968.60

Total		255,000		255,000	828	254,172				\$430,950.00	\$41,178.41			254,172				\$452,874.70	\$19,253.71
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**

TOTAL FOR MARCH (ACTUAL)

Notification Minimum Flow			PURCHASE									SALE						Net \$ \$Purchase minus \$Sale
Date notified	Flow Date	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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	2667	1,542,700	5,000	1,537,700	\$1.6900	Sec 18	EP - Ehrenberg	\$2,607,163.00	\$250,066.08	Daily	2668	1,537,700	\$1.7850	Sec 18	SCG - City Gate	\$2,744,794.50
	Daily		2669	1,238,281	4,025	1,234,256	\$1.6900	Sec 18	EP - Ehrenberg	\$2,092,694.89	\$200,183.97	Daily	2670	1,234,256	\$1.7850	Sec 18	SCG - City Gate	\$2,203,146.96
	Daily		2679	3,866,410	12,560	3,853,850	\$1.6900	Sec 18	EP - Ehrenberg	\$6,534,232.90	\$625,472.22	Daily	2680	3,853,850	\$1.7800	Sec 18	SCG - City Gate	\$6,859,853.00
	Daily		2681	1,238,280	4,025	1,234,255	\$1.6900	Sec 18	EP - Ehrenberg	\$2,092,693.20	\$200,183.93	Daily	2682	1,234,255	\$1.7800	Sec 18	SCG - City Gate	\$2,196,973.90

Total		7,905,000		7,885,671	25,610	7,860,061				\$13,326,783.99	\$1,275,906.20			7,860,061				\$14,004,768.36	\$597,921.83
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- Current month need to sell
- Carryover from prior month
- **Total needed to sell**



A Sempra Energy utility

Southern System Minimum Flow Spot Purchase/Sale Summary
Annual Report of System Reliability Issues
April 2015 - March 2016

	Total		April 2015		June 2015		July 2015		August 2015		September 2015		December 2015		January 2016		February 2016	
	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD	Dth	\$USD
Bought	2,496,911	8,138,825	-	\$ -	1,581,821	5,063,902	381,000	1,283,270	107,000	322,770	133,897	462,733	217,193	826,551	-	-	76,000	179,600
In-Kind Charge	4,054	-	-	-	2,498	-	556	-	156	-	195	-	402	-	-	-	247	-
Otay Transport Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BTS	-	402,798	-	-	-	249,170	-	60,023	-	19,001	-	23,778	-	38,554	-	-	-	12,273
Net Amount Flowed	2,492,857	\$ 8,541,623	-	\$ -	1,579,323	5,313,072	380,444	1,343,293	106,844	341,771	133,702	486,510	216,791	865,105	0	0	75,753	191,873
Net Sales	2,497,154	\$ 7,548,234	4,297	\$ 10,764	1,526,861	4,630,441	432,860	1,385,844	106,890	316,095	133,702	402,393	165,900	489,338	50,800	138,740	75,844	174,619
Net Cost		\$ 993,389		\$ (10,764)		\$ 682,630		\$ (42,552)		\$ 25,676		\$ 84,118		\$ 375,767		\$ (138,740)		\$ 17,254
Cost/Dth		\$ 0.40		\$ -		\$ 0.43		\$ (0.11)		\$ 0.24		\$ 0.63		\$ 1.73		\$ -		\$ 0.23

Southern System Minimum Flow Purchase/Sale

April 2015 Activity

Notification Minimum Flow				PURCHASE									SALE							
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	inkind .158%	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
													4/2/15	2628	4,297	\$2.5050	Within Sec 18	SCG - City Gate	\$10,763.99	

Total 0 0 0 0

Estimated Otay Transport Fees \$0.00 \$0.00

4,297

\$10,763.99 (\$10,763.99)

(4,297) Current month need to sell
4,297 Carryover from prior month (March)
 - Total needed to sell

Southern System Minimum Flow Purchase/Sale

June 2015 Activity

Notification Minimum Flow				PURCHASE									SALE							Net Cost
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	inkind .158%	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	
6/8/15	6/8/15	3	161,000	2643	50,000	79	49,921	\$2.60	Sec 13b	EP - Ehrenberg	\$130,000.00	\$7,876	6/8/15	2644	50,000	\$2.4500	Sec 13b	SCG - City Gate	\$122,500.00	
		3		2645	2,000	3	1,997	\$2.70	Sec 14	EP - Ehrenberg	\$5,400.00	\$315	6/9/15	2648	80,000	\$2.8450	Sec 13b	SCG - City Gate	\$227,600.00	
		3		2646	17,000	27	16,973	\$2.90	Sec 14	EP - Ehrenberg	\$49,300.00	\$2,678	6/9/15	2651	20,000	\$3.0300	Sec 13b	SCG - City Gate	\$60,600.00	
		3		2647	92,000	145	91,855	\$3.08	Sec 14	EP - Ehrenberg	\$283,360.00	\$14,492	6/9/15	2654	10,000	\$3.0300	Sec 13b	SCG - City Gate	\$30,300.00	
6/8/15	6/9/15	3	185,000	2649	185,000	292	184,708	\$2.95	Sec 13b	EP - Ehrenberg	\$545,750.00	\$29,141	6/9/15	2650	185,000	\$2.7100	Sec 13b	SCG - City Gate	\$501,350.00	
6/9/15	6/10/15	2	66,000	2652	66,000	104	65,896	\$2.90	Sec 13a	EP - Ehrenberg	\$191,400.00	\$10,396	6/10/15	2653	66,000	\$2.8600	Sec 13a	SCG - City Gate	\$188,760.00	
6/15/15	6/16/15	2	58,000	2656	20,000	32	19,968	\$3.00	Sec 13a	EP - Ehrenberg	\$60,000.00	\$3,150	6/16/15	2657	19,947	\$2.9700	Sec 13a	SCG - City Gate	\$59,242.59	
				2658	38,000	60	37,940	\$3.01	Sec 13a	EP - Ehrenberg	\$114,380.00	\$5,986	6/16/15	2659	38,290	\$2.9700	Sec 13a	SCG - City Gate	\$113,721.30	
6/16/15	6/17/15	2	77,000	2661	40,000	64	39,936	\$3.02	Sec 13a	EP - Ehrenberg	\$120,800.00	\$6,301	6/17/15	2662	39,936	\$3.0000	Sec 13a	SCG - City Gate	\$119,808.00	
				2663	37,000	58	36,942	\$3.03	Sec 13a	EP - Ehrenberg	\$112,110.00	\$5,828	6/17/15	2664	36,942	\$3.0000	Sec 13a	SCG - City Gate	\$110,826.00	
6/17/15	6/18/15	2	59,000	2665	59,000	93	58,907	\$2.98	Sec 13a	EP - Ehrenberg	\$175,820.00	\$9,294	6/18/15	2666	58,907	\$3.0000	Sec 13a	SCG - City Gate	\$176,721.00	
6/21/15	6/22/15	3	53,000	2671	10,000	16	9,984	\$3.00	Sec 13b	EP - Ehrenberg	\$30,000.00	\$1,575	6/22/15	2673	8,986	\$3.0500	Sec 13b	SCG - City Gate	\$27,407.30	
				2672	9,000	14	8,986	\$3.05	Sec 13b	EP - Ehrenberg	\$27,450.00	\$1,418	6/22/15	2676	21,965	\$3.0500	Sec 13b	SCG - City Gate	\$66,993.25	
				2674	12,000	19	11,981	\$3.05	Sec 13b	EP - Ehrenberg	\$36,600.00	\$1,890	6/22/15	2677	10,000	\$3.0600	Sec 13b	SCG - City Gate	\$30,600.00	
				2675	22,000	35	21,965	\$3.05	Sec 13b	EP - Ehrenberg	\$67,100.00	\$3,465	6/22/15	2678	11,000	\$3.0500	Sec 13b	SCG - City Gate	\$33,550.00	
6/25/15	6/25/15	3	227,000	2683	26,500	42	26,458	\$3.19	Sec 13b	EP - Ehrenberg	\$84,535.00	\$4,174	6/25/15	2685	44,929	\$3.1500	Sec 13b	SCG - City Gate	\$141,526.35	
				2684	45,000	71	44,929	\$3.40	Sec 14	EP - Ehrenberg	\$153,000.00	\$7,088	6/25/15	2687	25,959	\$3.1500	Sec 13b	SCG - City Gate	\$81,770.85	
				2686	26,000	41	25,959	\$3.25	Sec 13b	EP - Ehrenberg	\$84,500.00	\$4,096	6/25/15	2689	79,873	\$3.1500	Sec 13b	SCG - City Gate	\$251,599.95	
				2688	79,999	126	79,873	\$3.47	Sec 14	EP - Ehrenberg	\$277,596.53	\$12,602	6/26/15	2691	20,000	\$3.1800	Sec 13b	SCG - City Gate	\$63,600.00	
				2690	49,500	78	49,422	\$3.55	Sec 14	EP - Ehrenberg	\$175,725.00	\$7,797	6/26/15	2692	10,000	\$3.1800	Sec 13b	SCG - City Gate	\$31,800.00	
													6/26/15	2693	20,000	\$3.1800	Sec 13b	SCG - City Gate	\$63,600.00	
													6/26/15	2694	20,000	\$3.1800	Sec 13b	SCG - City Gate	\$63,600.00	
6/25/15	6/26/15	2	261,000	2695	49,900	79	49,821	\$3.29	Sec 13a	EP - Ehrenberg	\$164,171.00	\$7,860	6/26/15	2696	50,000	\$3.1500	Sec 13a	SCG - City Gate	\$157,500.00	
				2697	19,999	32	19,967	\$3.40	Sec 14	EP - Ehrenberg	\$67,996.60	\$3,150	6/26/15	2702	140,000	\$3.1500	Sec 13a	SCG - City Gate	\$441,000.00	
				2698	5,000	8	4,992	\$3.23	Sec 13a	EP - Ehrenberg	\$16,150.00	\$788	6/26/15	2703	77,451	\$3.1600	Sec 13a	SCG - City Gate	\$244,745.16	
				2699	4,200	6	4,194	\$3.20	Sec 13a	EP - Ehrenberg	\$13,440.00	\$662	6/26/15	2707	20,000	\$3.1650	Sec 13b	SCG - City Gate	\$63,300.00	
				2700	41,800	66	41,734	\$3.49	Sec 14	EP - Ehrenberg	\$145,882.00	\$6,584	6/26/15	2708	20,000	\$3.1700	Sec 13b	SCG - City Gate	\$63,400.00	
				2701	140,000	221	139,779	\$3.35	Sec 14	EP - Ehrenberg	\$469,000.00	\$22,053								
6/25/15	6/26/15	3	53,000	2705	53,000	84	52,916	\$3.45	Sec 14	EP - Ehrenberg	\$182,850.00	\$8,349								
6/26/15	6/27/15	2	90,000	2709	16,000	25	15,975	\$3.05	Sec 13a	EP - Ehrenberg	\$48,800.00	\$2,520	6/27/15	2712	24,000	\$3.1600	Sec 13a	SCG - City Gate	\$75,840.00	
				2710	50,000	79	49,921	\$3.15	Sec 13a	EP - Ehrenberg	\$157,500.00	\$7,876	6/29/15	2713	78,676	\$3.1800	Sec 13a	SCG - City Gate	\$250,189.68	
				2711	24,000	38	23,962	\$3.16	Sec 13a	EP - Ehrenberg	\$75,840.00	\$3,780								
6/29/15	6/30/15	3	252,000	2717	50,000	79	49,921	\$3.24	Sec 13b	EP - Ehrenberg	\$162,000.00	\$7,876	6/30/15	2719	162,000	\$3.2200	Sec 13b	SCG - City Gate	\$521,640.00	
				2718	112,000	177	111,823	\$3.30	Sec 13b	EP - Ehrenberg	\$369,600.00	\$17,642	6/30/15	2724	20,000	\$3.2200	Sec 13b	SCG - City Gate	\$64,400.00	
				2722	40,000	63	39,937	\$3.49	Sec 14	EP - Ehrenberg	\$139,600.00	\$6,301	6/30/15	2725	20,000	\$3.2200	Sec 13b	SCG - City Gate	\$64,400.00	
				2723	30,000	47	29,953	\$3.50	Sec 14	EP - Ehrenberg	\$105,000.00	\$4,726								
				2726	5,000	8	4,992	\$3.20	Sec 13b	EP - Ehrenberg	\$16,000.00	\$788								
				2727	15,000	24	14,976	\$3.55	Sec 14	EP - Ehrenberg	\$53,250.00	\$2,363								
6/30/15	6/30/15	4	57,000	2728	10,000	16	9,984	\$3.65	Sec 14	EP - Ehrenberg	\$36,500.00	\$1,575	6/30/15	2731	37,000	\$3.1500	Sec 13b	SCG - City Gate	\$116,550.00	
				2729	10,000	16	9,984	\$3.68	Sec 14	EP - Ehrenberg	\$36,800.00	\$1,575								
				2730	19,923	31	19,892	\$3.95	Sec 14	EP - Ehrenberg	\$78,695.85	\$3,138								

Total	1,599,000	1,581,821	2,498	1,579,323	\$5,063,901.98	\$249,169.79	1,526,861	\$4,630,441.43	\$682,630.34
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Estimated Otay Transport Fees -

52,462 Current month need to sell (spot)
 - Carryover from prior month (spot)
52,462 Total needed to sell

Southern System Minimum Flow Purchase/Sale

August 2015 Activity

Notification Minimum Flow				PURCHASE									SALE							
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	inkind .146%	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
8/26/15	8/27/15	3	107,000	2758	30,000	44	29,956	\$3.0000	Sec 13b	EP - Ehrenberg	\$90,000.00	\$5,327	8/27/15	2761	27,000	\$2.9600	Sec 13b	SCG - City Gate	\$79,920.00	
				2759	10,000	15	9,985	\$2.9500	Sec 13b	EP - Ehrenberg	\$29,500.00	\$1,776	8/28/15	2763	20,000	\$2.9550	Sec 13b	SCG - City Gate	\$59,100.00	
				2760	27,000	39	26,961	\$3.0100	Sec 13b	EP - Ehrenberg	\$81,270.00	\$4,795	8/28/15	2764	20,000	\$2.9550	Sec 13b	SCG - City Gate	\$59,100.00	
				2762	40,000	58	39,942	\$3.0500	Sec 13b	EP - Ehrenberg	\$122,000.00	\$7,103	8/28/15	2765	20,000	\$2.9575	Sec 13b	SCG - City Gate	\$59,150.00	
													8/28/15	2766	15,000	\$2.9575	Sec 13b	SCG - City Gate	\$44,362.50	
													8/28/15	2767	4,890	\$2.9575	Sec 13b	SCG - City Gate	\$14,462.18	

Total

107,000	107,000	156	106,844
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\$322,770.00	\$19,001.14
Estimated Otay Transport Fees	-

106,890

\$316,094.68	\$25,676.46
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(46) Current month need to sell (spot)
 46 Carryover from prior month (spot)
 - **Total needed to sell**

Southern System Minimum Flow Purchase/Sale

September 2015 Activity

Notification Minimum Flow				PURCHASE									SALE							
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	inkind .146%	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
9/8/15	9/8/15	4	91,000	2783	24,000	35	23,965	\$3.5000	Sec. 14	EP - Ehrenberg	\$84,000.00	\$4,262	9/10/15	2788	5,000	\$3.0150	Sec. 13(b)	SCG - City Gate	\$15,075.00	
				2784	17,500	26	17,474	\$3.6000	Sec. 14	EP - Ehrenberg	\$63,000.00	\$3,108	9/10/15	2789	20,000	\$3.0150	Sec. 13(b)	SCG - City Gate	\$60,300.00	
				2785	4,500	7	4,493	\$3.7000	Sec. 14	EP - Ehrenberg	\$16,650.00	\$799	9/10/15	2790	10,000	\$3.0150	Sec. 13(b)	SCG - City Gate	\$30,150.00	
				2786	10,315	14	10,301	\$3.8500	Sec. 14	EP - Ehrenberg	\$39,712.75	\$1,832	9/10/15	2791	20,000	\$3.0150	Sec. 13(b)	SCG - City Gate	\$60,300.00	
				2787	29,582	43	29,539	\$3.9000	Sec. 14	EP - Ehrenberg	\$115,369.80	\$5,253	9/10/15	2792	20,000	\$3.0150	Sec. 13(b)	SCG - City Gate	\$60,300.00	
													9/10/15	2797	10,772	\$3.0150	Sec. 13(b)	SCG - City Gate	\$32,477.58	
9/9/15	9/10/15	3	48,000	2798	48,000	70	47,930	\$3.0000	Sec. 13(b)	EP - Ehrenberg	\$144,000.00	\$8,524	9/10/15	2799	47,930	\$3.0000	Sec. 13(b)	SCG - City Gate	\$143,790.00	

Total

139,000

133,897

195

133,702

\$462,732.55

\$23,777.56

Estimated Otay Transport Fees

-

133,702

\$402,392.58

\$84,117.53

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

Southern System Minimum Flow Purchase/Sale

December 2015 Activity

Notification Minimum Flow				PURCHASE									SALE							
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	inkind .185%	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
12/27/15	12/28/15	3	142,754	2832	84,476	156	84,320	\$3.4400	Sec 16	EP - Ehrenberg	\$290,597.44	\$14,995	12/29/15	2836	70,000	\$2.8550	Sec 15 (b)	SCG - City Gate	\$199,850.00	
				2833	9,761	18	9,743	\$3.4000	Sec 16	EP - Ehrenberg	\$33,187.40	\$1,733	12/29/15	2842	5,000	\$3.2200	Sec 15 (b)	SCG - City Gate	\$16,100.00	
				2834	4,912	9	4,903	\$3.5000	Sec 16	EP - Ehrenberg	\$17,192.00	\$872	12/29/15	2846	24,000	\$3.1000	Sec 15 (b)	SCG - City Gate	\$74,400.00	
				2835	19,985	37	19,948	\$3.7500	Sec 16	EP - Ehrenberg	\$74,943.75	\$3,548	12/30/15	2840	20,000	\$3.0250	Sec 15 (b)	SCG - City Gate	\$60,500.00	
12/28/15	12/28/15	4	96,000	2837	10,000	19	9,981	\$4.0000	Sec 16	EP - Ehrenberg	\$40,000.00	\$1,775	12/30/15	2843	20,000	\$3.0300	Sec 15 (b)	SCG - City Gate	\$60,600.00	
				2838	25,000	46	24,954	\$4.7000	Sec 16	EP - Ehrenberg	\$117,500.00	\$4,438	12/30/15	2844	10,000	\$3.0300	Sec 15 (b)	SCG - City Gate	\$30,300.00	
				2839	8,059	15	8,044	\$4.7500	Sec 16	EP - Ehrenberg	\$38,280.25	\$1,431	12/30/15	2848	4,200	\$3.0150	Sec 15 (b)	SCG - City Gate	\$12,663.00	
																12/31/15	2850	10,000	\$2.7500	Sec 15 (b)
12/28/15	12/29/15	3	55,000	2845	24,000	44	23,956	\$3.8500	Sec 16	EP - Ehrenberg	\$92,400.00	\$4,260	12/31/15	2851	2,700	\$2.7500	Sec 15 (b)	SCG - City Gate	\$7,425.00	
				2847	31,000	58	30,942	\$3.9500	Sec 16	EP - Ehrenberg	\$122,450.00	\$5,503								

Total			293,754		217,193	402	216,791				\$826,550.84	\$38,554.11			165,900				\$489,338.00	\$375,766.95
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Estimated Otay Transport Fees -

50,891 Current month need to sell (spot)
 - Carryover from prior month (spot)
50,891 Total needed to sell

Southern System Minimum Flow Purchase/Sale

January 2016 Activity

Notification Minimum Flow				PURCHASE									SALE							
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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
													1/1/2016 - 1/4/2016	2852	48,000	\$2.7300	Sec 15 (b)	SCG - City Gate	\$131,040.00	
													1/1/2016 - 1/4/2016	2853	2,800	\$2.7500	Sec 15 (b)	SCG - City Gate	\$7,700.00	
Total			0		0	0	0				\$0.00	\$0.00			50,800				\$138,740.00	(\$138,740.00)

Estimated Otay Transport Fees

-

(50,800) Current month need to sell (spot)
 50,891 Carryover from prior month (spot)
91 Total needed to sell

Southern System Minimum Flow Purchase/Sale

February 2016 Activity

Notification Minimum Flow				PURCHASE									SALE						Net Cost		
Date notified	Flow Date	Cycle	Amt needed (Dths)	TC#	Amt (Dths)	inkind .325%	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	
2/1/16	2/2/16	2	40,000	2859	40,000	130	39,870	\$2.3000	Sec 15(a)	EP - Ehrenberg	\$92,000.00	\$6,459	2/2/16	2860	39,870	\$2.3000	Sec 15(a)	SCG - City Gate	\$91,701.00		
2/1/16	2/2/16	3	41,000	2861	21,000	68	20,932	\$2.4000	Sec 15(a)	EP - Ehrenberg	\$50,400.00	\$3,391	2/2/16	2862	20,932	\$2.2800	Sec 15(a)	SCG - City Gate	\$47,724.96		
2/2/16	2/3/16	3	15,000	2864	15,000	49	14,951	\$2.4800	Sec 16	EP - Ehrenberg	\$37,200.00	\$2,422	2/3/16	2865	10,000	\$2.4000	Sec 15(b)	SCG - City Gate	\$24,000.00		
													2/10/16	2867	5,042	\$2.2200	Sec 15(b)	SCG - City Gate	\$11,193.24		
Total			96,000		76,000	247	75,753				\$179,600.00	\$12,272.74			75,844				\$174,619.20	\$17,253.54	
											Estimated Otay Transport Fees										

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



ATTACHMENT 5

TO

**MAY 19, 2016
ANNUAL REPORT OF SYSTEM
RELIABILITY ISSUES**

SOUTHERN ZONE BTS DISCOUNTS



Southern System IT Discount HUB Summary
7th Annual Report of System Reliability Issues
April 2015 - March 2016

	Hub IT Deliveries Dth	Hub BTS IT Revenue \$	So. Syst. IT Deliveries (Excl. Hub) Dth	Non-Hub BTS IT Revenue \$	Total BTS IT Deliveries Dth	Total BTS IT Revenue \$	Firm Rate \$/Dth	Wtd Avg. IT Rate \$/Dth	Discount Applied \$/Dth	Discount (\$K) (FT - IT Rate)* IT_Vol
Apr-15	-	\$ -	1,278,472	\$ 201,705	1,278,472	\$ 201,705	0.15777	0.15777	0.00000	\$ -
May-15	-	\$ -	718,382	\$ 113,339	718,382	\$ 113,339	0.15777	0.15777	0.00000	\$ -
Jun-15	1,579,323	\$ 249,170	2,144,663	\$ 338,363	3,723,986	\$ 587,533	0.15777	0.15777	0.00000	\$ -
Jul-15	380,444	\$ 60,023	4,633,292	\$ 730,994	5,013,736	\$ 791,017	0.15777	0.15777	0.00000	\$ -
Aug-15	106,844	\$ 19,001	4,225,284	\$ 751,425	4,332,128	\$ 770,426	0.17784	0.17784	0.00000	\$ -
Sep-15	143,687	\$ 25,553	1,577,801	\$ 280,596	1,721,488	\$ 306,149	0.17784	0.17784	0.00000	\$ -
Oct-15	-	\$ -	534,246	\$ 95,010	534,246	\$ 95,010	0.17784	0.17784	0.00000	\$ -
Nov-15	-	\$ -	741,949	\$ 131,948	741,949	\$ 131,948	0.17784	0.17784	0.00000	\$ -
Dec-15	42,979	\$ 7,643	1,253,410	\$ 222,906	1,296,389	\$ 230,550	0.17784	0.17784	0.00000	\$ -
Jan-16	-	\$ -	225,404	\$ 36,518	225,404	\$ 36,518	0.16201	0.16201	0.00000	\$ -
Feb-16	75,753	\$ 12,273	376,006	\$ 60,917	451,759	\$ 73,189	0.16201	0.16201	0.00000	\$ -
Mar-16	-	\$ -	476,907	\$ 77,264	476,907	\$ 77,264	0.16201	0.16201	0.00000	\$ -
Total	2,329,030	\$ 373,663	18,185,816	\$ 3,040,985	20,514,846	\$ 3,414,648			IT Discount Total:	\$ -

Appendix 2 to Attachment A

2016 Post-Forum Report on System Reliability Issues

**PowerPoint Presentation for SoCalGas Utility Customer Forum on
June 2, 2016**

2016 Customer Forum

June 2, 2016



A  Sempra Energy utility

Glad to be of service.®

Agenda

- Introductions
- Antitrust Disclaimer
- High OFO Review
- Low OFO Review
- System Reliability Support Activity Results
- July 2015 Curtailment
- Additional Tools / System Improvements
- Updates
 - North-South Project
 - Curtailment Rules
 - TCAP Balancing Service Proposals
 - Pipeline Safety and Reliability Project
- Notices for Maintenance Related Outages
- Daily Imbalance Trading
- Post Forum Report / Next Steps

Antitrust Disclaimer

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

High OFO Review

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 High OFO Calculation
Timely	Prior Day, Evening Cycle
Evening	Current Day, Timely Cycle
Intraday 1	Current Day, Evening Cycle
Intraday 2	Current Day, Intraday 1 Cycle
Intraday 3	Current Day, Intraday 2 Cycle

- On High OFO days, SoCalGas will only confirm nominations up to the total system capacity for Intraday 1 (Cycle 3), Intraday 2 (Cycle 4), and Intraday 3 (Cycle 5); [and during the Intraday 3 cycle when a High OFO event is not called and nominations exceed system capacity]
- SoCalGas will not declare a High OFO on Intraday 3 (Cycle 5), but will limit the confirmations to the total system capacity as it does on all other days

High OFO Review: April 2015 – March 2016

- 80 High OFO events during Review Period
- 10% increase compared to previous reporting period

High OFO Comparison

2015 Forum Report

Cycle 1	44
Cycle 2	13
Cycle 3	16

Total	73
-------	----

2016 Forum Report

Cycle 1	46
Cycle 2	20
Cycle 3	14

Total	80
-------	----

Low OFO Review

Low Operational Flow Order (Low OFO)

- Over the review period, a low OFO was declared when SoCalGas determined that the system forecast of storage withdrawal used for balancing exceeded the withdrawal capacity allocated to the balancing function
- Starting with the implementation of the daily balancing settlement, the low OFO will be changed by the Operator, and the Operator will determine how much withdrawal capacity is available for the balancing function
- We expect this change will increase the frequency of low OFOs, which, at least initially, will normally have -5% tolerances

Low OFO Review: April 2015 – March 2016

Cycle 1	0
Cycle 2	3
Cycle 3	5*
<hr/>	
Total	8

*This number includes the EFO that was declared on December 29, 2015

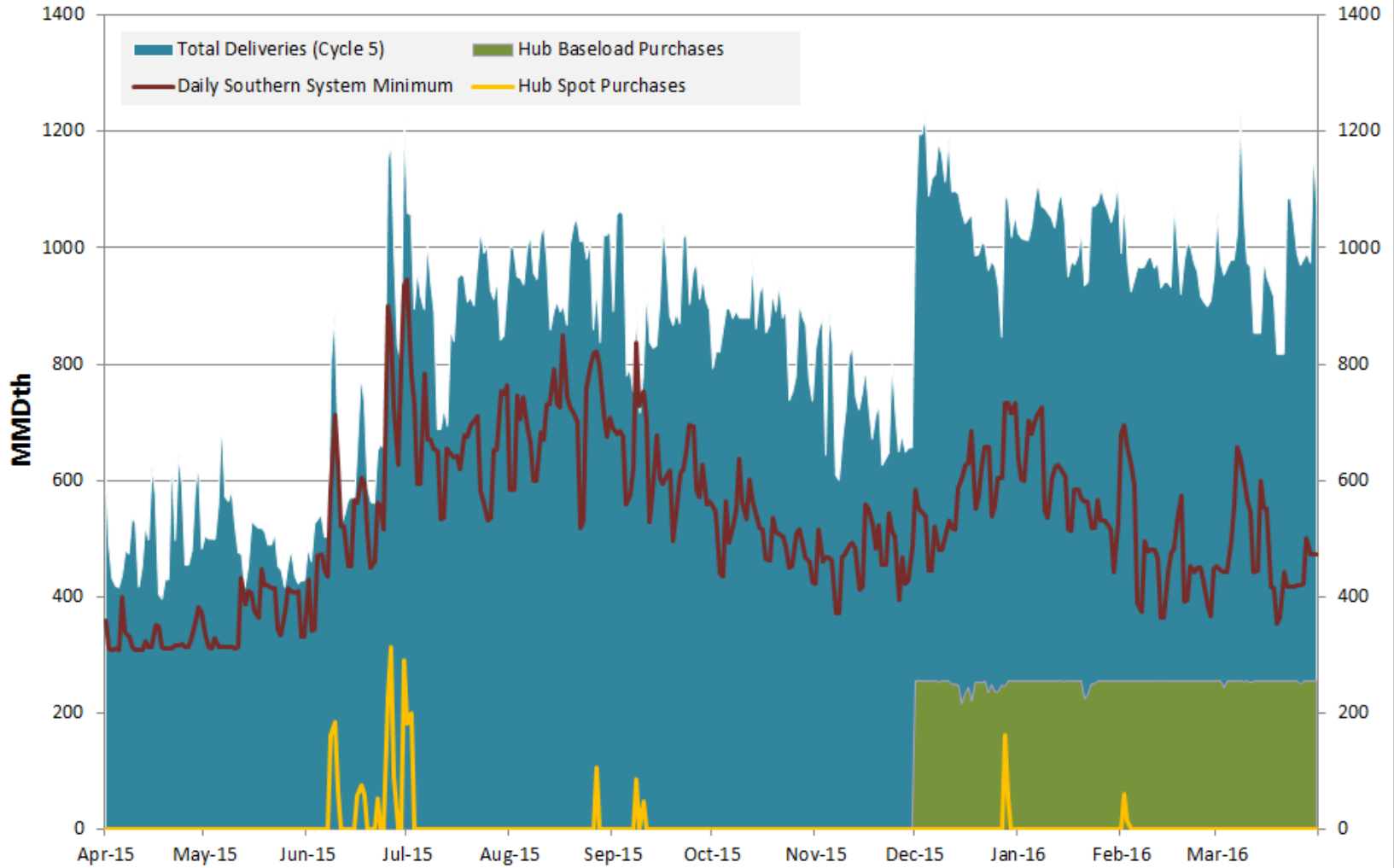
Note: Low OFO protocol began on December 5, 2015

December 29, 2015 EFO

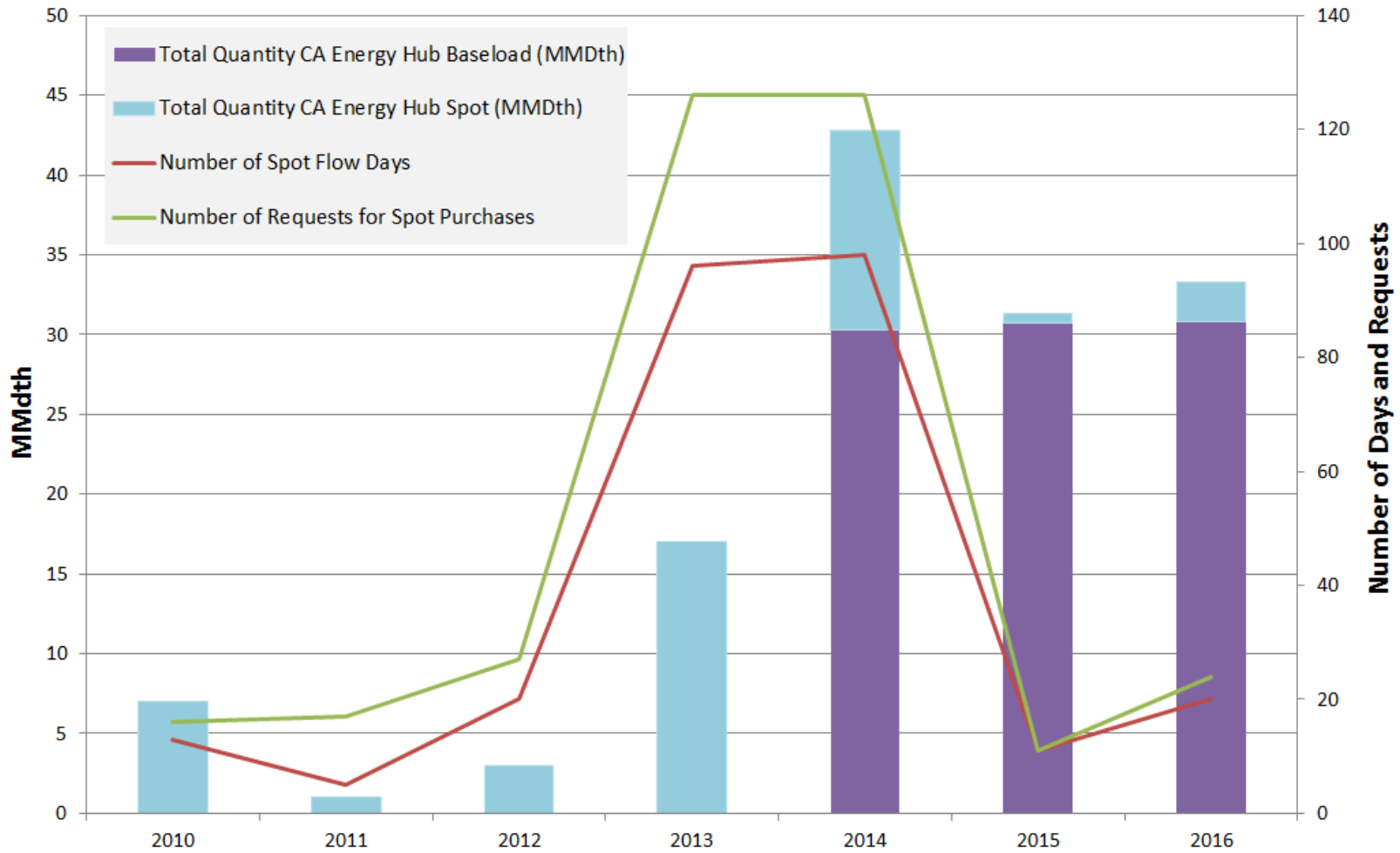
- Weather-driven high sendouts coupled with maximized storage utilization and supplier underperformance due to well freeze-offs pushed the system to a point that inventories were at risk of being unrecoverable
- System Operator needed immediate relief the night of December 28 going into the December 29 gas day
- The EFO provided the tolerances and incentives needed to avoid curtailment

System Reliability Support Activity Results

April 2015 - March 2016 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	2014-2015	2015-2016
Purchases (Dth)	6,983,793	1,044,677	3,014,544	16,988,817	42,878,668	31,311,094	33,308,518
SRMA Cost (\$MM)	2.2	3.8	1.1	6.3	15.5	4.1	3.3
Net Cost (\$/Dth)	0.31	3.63	0.36	0.37	0.36	0.13	0.10
BTS Discounts (\$MM)	0	0	5.5	8.6	7.9	0.4	0
Total (\$MM)	2.2	3.8	6.6	14.9	23.4	4.5	3.3

July 1, 2015 Curtailment

- SoCalGas and SDG&E issued an emergency localized curtailment for certain Electric Generation customers in the LA Basin
- Extreme hot weather conditions in the Western part of the U.S. along with decreased sources of hydro-powered electric generation plants created significant demand for natural gas to fuel electric power plants
- Required compliance testing and replacement of one of SoCalGas' natural gas pipelines contributed to reduced natural gas capacity to meet demand

Additional Tools / System Improvements

Possible Summer Baseload Contracts

- AL 4970 was filed on May 25, 2016 for a 3-year renewal of tariff authority for up to 255,000 dth/day of baseload contracts at Ehrenberg for the December-March period
 - These contracts reduced the Operator's cost of supporting the Southern System by \$3.1 million per year, on average
- SoCalGas would like feedback on the idea of expanding this framework to include summer baseload contracts for up to 200,000 dth/day at Ehrenberg

Updates

North-South Project Update

- North-South Project Ratemaking Application (A.13-12-013)
 - Filed on December 20, 2013
 - Proposed Decision (PD) issued on April 5, 2016 denying application
 - Opening comments in response to the PD were filed by parties on April 26, 2016
 - Reply comments on PD filed on May 2, 2016

Curtailment Rules Update

- SoCalGas and SDG&E filed A.15-06-020 to revise their existing curtailment procedures.
 - Filed on June 26, 2015
 - Joint Motion for Adoption of Gas Curtailment Procedures Settlement Agreement filed on April 28, 2016
 - Joint Motion for Adoption of Daily Balancing Proposal Settlement Agreement filed on April 29, 2016
 - No comments submitted re the Daily Balancing Proposal Settlement by May 23, 2016 deadline
 - An Assigned Commissioners Ruling was issued on May 27 ordering implementation of the settlement effective June 1
 - Comments on the Gas Curtailment Procedures Settlement due May 30, 2016

TCAP Balancing Service Proposals

- SoCalGas and SDG&E filed settlement agreement in A.14-12-107 (2016 TCAP) to revise rates and services including a revised High OFO Procedure and an 8% monthly balancing tolerance
 - The Joint Motion for Adoption of Settlement Agreement was filed August 31, 2015
 - Proposed Decision approving settlement issued May 17, 2016
 - Revised High OFO procedures would be implemented at same time as the Aliso Canyon Turbine Replacement Project (ACTR), currently scheduled for January 1, 2017

Pipeline Safety and Reliability Project

- Pipeline Safety and Reliability Project (PSRP) (A.15-09-013)
 - Filed on September 30, 2015
 - Protests to the Application submitted by November 2, 2015
 - Reply to Protests filed on November 12, 2015
 - Amended Application filed on March 21, 2016
 - Protests to the Amended Application submitted by April 21, 2016
 - Reply to Protests filed on April 29, 2016

ENVOY Notices for Maintenance Related Outages

- SoCalGas posts maintenance events on ENVOY as soon as the information becomes available to Gas Control from field personnel
- The issuance of a maintenance event affecting a receipt point or transmission zone capacity will trigger a change in available capacity for that receipt point or transmission zone for the duration of the posted event
- An Archive of maintenance events is also available on ENVOY

Maintenance Impact Screen on ENVOY

Available Firm Capacity

	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28
California Production							
CP-Line 85	171,000	171,000	171,000	171,000	171,000	171,000	171,000
CP-North Coastal	162,000	162,000	162,000	162,000	162,000	162,000	162,000
CP-Other	101,000	101,000	101,000	101,000	101,000	101,000	101,000
Southern Zone	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000
Blythe Sub Zone	1,035,374	1,035,374	1,035,374	1,035,374	1,035,374	1,035,374	1,035,374
EP-Ehrenberg	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000	1,240,000
NBP-Blythe	614,000	614,000	614,000	614,000	614,000	614,000	614,000
TGN-Otay Mesa	410,000	410,000	410,000	410,000	410,000	410,000	410,000

90-day forward look of operationally **available firm capacities** for each receipt point and transmission zone

Capacity Reduction

90-day forward look of **capacity reductions** of each receipt point and transmission zone

	Apr 22	Apr 23	Apr 24	Apr 25	Apr 26	Apr 27	Apr 28
California Production							
CP-Line 85							
CP-North Coastal							
CP-Other							
Southern Zone							
Blythe Sub Zone	204,626	204,626	204,626	204,626	204,626	204,626	204,626
EP-Ehrenberg							
NBP-Blythe							
TGN-Otay Mesa							

Maintenance Impact and Maintenance Schedules

Maintenance Impact Screen

Blythe Sub Zone ✕

Jun 02 - Blythe Sub Zone

Firm Capacity: 1,240,000

Maintenance Reduction(s):	Quantity	Description	Event ID
	204,626	L2000 - Planned Outage - Voluntary decrease of...	2170

Available Firm Capacity: 1,035,374

[Close](#)

Click on a single day on the Maintenance Screen to bring up this pop-up box

Use the Event ID to cross reference the Maintenance Impact Screen with the Maintenance Schedules Screen

Maintenance Schedules Screen

Maintenance Schedules

Last Published Date: 11/30/2015 02:03:25 PM PCT

Location Type	Location	Start Date	End Date	Capacity Reduction (MMcf)	Capacity Reduction (Dth)	Maintenance Type	Description	Published Timestamp	Event Id
▶ Storage Field - Wth	Playa del Rey	01/02/2015	01/07/2015 09:37:11 PM PCT	170	173570		Force Majeure - Dehy. Charge Pumps Losing Suction Pressure.	01/07/2015 09:37:15 PM PCT	1597
▶ Sub-Zone	EP- Ehrenberg/NBP- Blythe	01/02/2015	TBD	202	204626		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 So Cal Gas pipelines. Note: Original Job start date 8-5-2011.	11/30/2015 02:03:25 PM PCT	2170

Daily Imbalance Trading

- This topic was raised in comments relating to our Daily Balancing proposal
- A number of options were considered by SoCalGas. These include:
 - Adding an end user-to-end user transaction type for Cycle 6
 - Postponing Cycle 6 to a day subsequent to the Gas Day
 - Adding daily imbalance trading as an adjunct or replacement for the existing monthly imbalance trading system

Daily Imbalance Trading Issues

- The daily measurement quantity used to calculate OFO noncompliance charges is the daily quantity recorded as of the month-end close
- Daily usage data on ENVOY is operational in nature and is not used for calculating compliance
 - Data is not available on a real time, same day basis on ENVOY
- Operational usage data may be used by customers at their own risk to estimate their daily imbalance position

Daily Imbalance Trading Option #1

Cycle 6 Expansion

- Cycle 6 currently allows trades to be scheduled between end user balancing agents and firm storage customers
- Cycle 6 could be expanded to allow trades of scheduled deliveries between end user balancing agents
 - End user balancing agents could adjust daily scheduled deliveries by nominating trades with other End User Balancing Agents and firm storage customers based on their own imbalance estimates
- Cycle 6 could be moved to a subsequent business day to allow balancing agents to access operational measurement data on ENVOY
- Monthly Imbalance Trading would not be affected

Daily Imbalance Trading Option #2

Monthly Imbalance Trading System Expansion

- This could be an extension or replacement for the existing Monthly Imbalance Trading module
- Imbalance would be based on billing quality measurement data
- Trading a daily imbalance would adjust the trading partners' daily and monthly imbalances if monthly imbalance trading is maintained
- Daily Imbalances would only be traded with other daily imbalances occurring on the same gas day
- Probably only makes sense if daily balancing is adopted as the new system balancing policy for SoCalGas and SDG&E

Implementation of Daily Imbalance Trading

- Cost and implementation time lag from Commission authorization depends on what version of daily imbalance trading is adopted
- At minimum, implementation costs would be expected to be \$1 million or more
- Time requirements for implementation would also be expected to be extended depending on what other authorized changes to the ENVOY system are in the queue

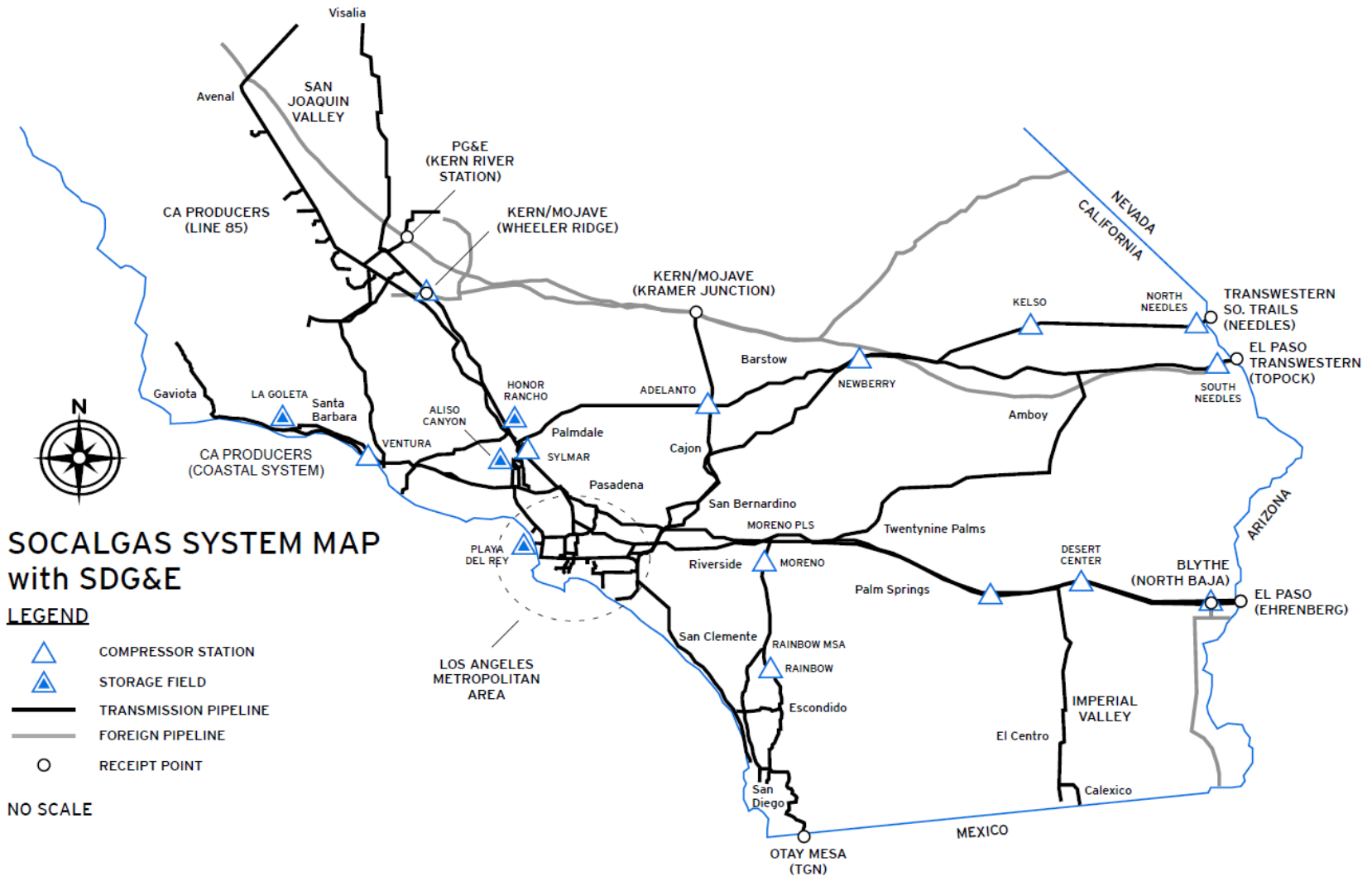
Post-Forum Report / Next Steps

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 June 24 with a revised draft to be issued by July 1
 - If required, Customer Forum meeting participants will be invited to a conference call regarding the revised draft the week of July 11, to seek resolution of any differences
- The Post-Forum Report will be filed by August 1, 2016






Appendix

SoCalGas Transmission System



SOCALGAS SYSTEM MAP with SDG&E

LEGEND

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

NO SCALE

SDG&E Transmission System

